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products
catalogue



fitre

CommunicationsFirst

Catalogo Prodotti di Telecomunicazione per Impieghi Speciali
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special purpose telecommunication products catalogue



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It was the year 1943

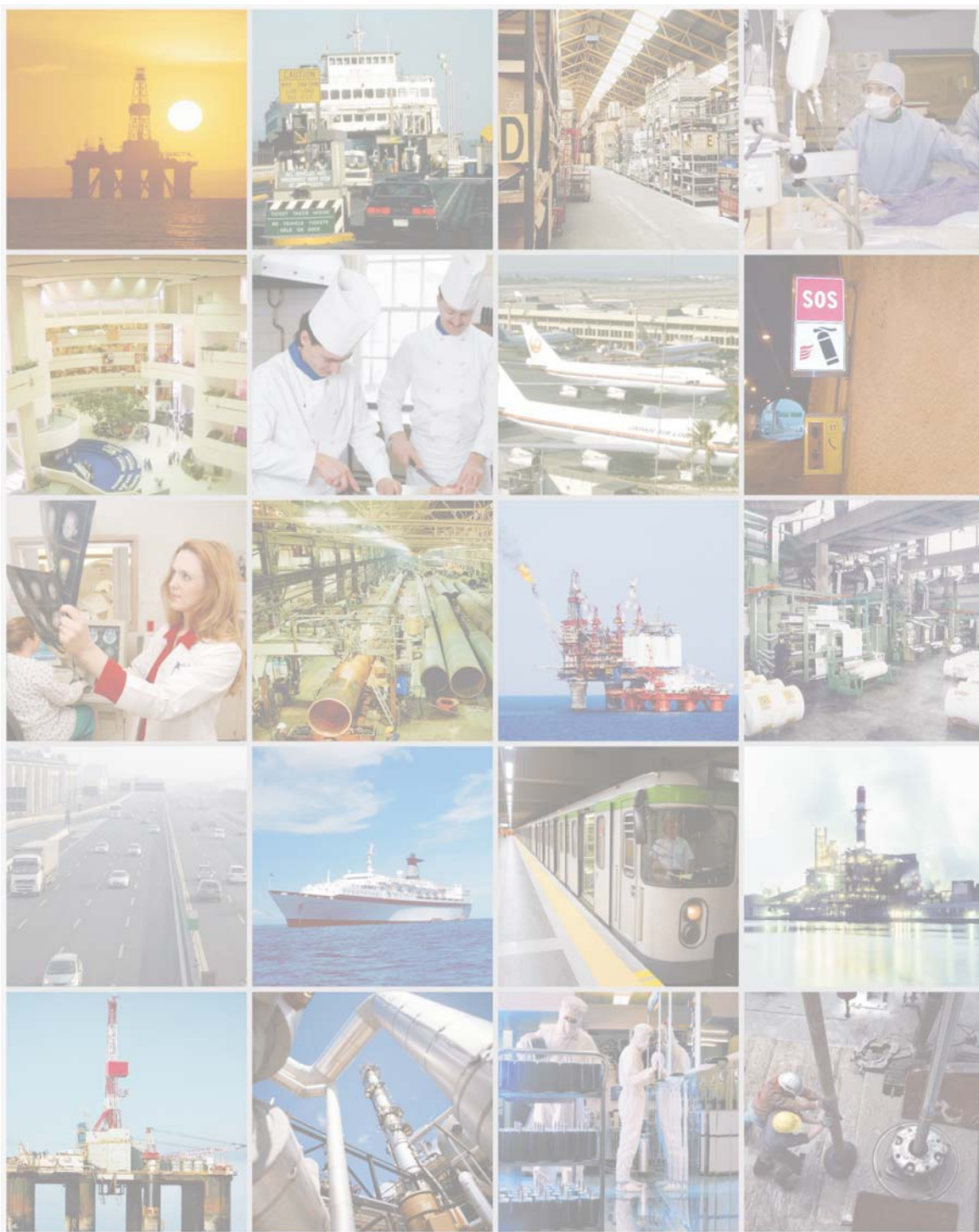
*In a sad September of a split and adrift Italy
that still saw no glimpse of escape from
the horrors of war, in a small workroom
in a city of Milan outraged by bombing,
a business idea sprang from the vision
of a group of daring people and
**turned out to be solid and successful
in the following decades***

*So **Fitre was born: eighty years have passed**
and in the meantime this idea has become
a reality worldwide recognized in the sector*

*Now as in those days and over the years,
the men and the women of **Fitre** have
maintained **the same original passion**,
handing down to subsequent generations
a strong attraction towards quality and
innovation, experimenting and learning
to improve and to be able to always supply
the best possible solution with its products*

***We thank all our collaborators**,
of the past and now, with whom
we have shared and will continue to share
a proud journey full of satisfactions, and
**we thank the many business partners
as well as the countless customers**
who encourage us to always give
our best every day*

***We dedicate this important milestone
to us and to all of them***



FITRE is a company with an enviable experience in the production of special communications equipments.

The uninterrupted innovation and products development, steadily carried forward in **80 years** of activity and made entirely in its own R&D laboratories, now allow **FITRE** to have the skills to offer an exhaustive range of solutions, that meet stringent standards, providing the most innovative technologies.

Therefore, since its foundation, **FITRE** bases its success on technical innovation and customer support.

Main activities concern products and equipment for Net Carriers, products and systems for Industrial Telecommunications and Public Emergency, products for SOHO and Business Telecommunications.

FITRE is also active in developing products and systems for communications and safety in hard environments, such as industrial plants, transports and public areas on territory.

To explore the different solutions, the wide range of products and to verify their conformity to your requirements, in addition to browse this catalogue, we invite you to visit our specific website www.fitresistemi.com, about industrial systems and products, or the corporate website www.fitre.it to get a more complete view.

products index

Special purpose intercom and telephone sets

| | |
|---|-----|
| Indoor, weatherproof and explosion-proof stations for intercom & PAGA systems | 10 |
| Indoor, weatherproof and explosion-proof phones (analog & VoIP) | 22 |
| Vandal-proof, weatherproof and explosion-proof handsfree full-duplex phones (analog & VoIP) | 51 |
| Handsfree full-duplex decontaminable phones (analog & VoIP) | 97 |
| CB (Central Battery) and LB (Local Battery) phones | 103 |
| Sound-powered phones for emergency communications | 112 |

Signalling devices

| | |
|--|-----|
| Telephone ringing bells • weather & explosion proof | 121 |
| Electrical ringing bells • weather & explosion proof | 127 |
| Loud telephone ringers • weather & explosion proof | 130 |
| Acoustical and luminous signalling devices • weather & explosion proof | 131 |
| Telephone call repeater relays • indoor or weather & explosion proof | 141 |

Special purpose loudspeakers

| | |
|--|-----|
| Amplified weatherproof loudspeakers | 145 |
| Amplified explosion-proof loudspeakers | 149 |
| Amplified indoor loudspeakers | 151 |
| Non-amplified weatherproof loudspeakers | 157 |
| Non-amplified explosion-proof loudspeakers | 161 |
| Non-amplified indoor loudspeakers | 164 |

High voltage interfaces

| | |
|--|-----|
| High voltages insulated telephone interfaces | 172 |
| Telephone and network line extenders | 174 |

products index

Telephone pillars and booths

177 Pillars for audio/video/SOS communications

180 Acoustic booths and accessories

Emergency call devices

184 Emergency call devices on board train

187 Emergency call devices for elevators

189 ECP emergency call devices and hot-line phones

Telecommunication gateways

235 VoIP gateways

239 GSM gateways

Telephone sets

240 Wall/desk phones

243 Cordless phones

244 Special phones

Telephone headsets

245 Monaural headsets

246 Binaural headsets

247 Headsets for personal computer

248 Amplifiers for headsets

249 Mini-phones with headset

250 Headsets accessories

Telephone surge protectors

251 Combined protection modules with plug for power socket

products index

| | |
|--|-----|
| Standard protection modules for telephony lines | 252 |
| Special protection modules for data and signalling lines | 257 |
| Protection modules for power supply lines | 260 |
| Telephony complementary products | |
| Telephone ringing bells | 263 |
| Loud telephone ringers | 266 |
| Telephone switches | 267 |
| Telephone sockets, plugs and cords | 268 |
| Components for automation | |
| Industrial magnetic switches | 269 |
| Rail and metro switches | 272 |
| Devices for cranes and coke oven machines positioning | 275 |
| Gas detection | |
| Fixed gas detection stations | 279 |
| Portable gas detection devices | 283 |
| Equipment for safety and communications | |
| Avalanche beacons for overwhelmed searching | 285 |
| Portable transceivers | 286 |

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don't worry if you
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the right product
you're looking for ...

... if that happens,
please, ask us for a
customized solution,
exploiting our skills
and our Italian wit,
to suit your needs.

VoIP

INDOOR

P/N 7564449H

TONO VOIP 48M - 250MT



Operator Console suitable for Control Room and supervising activities

- Telephone, Intercom and Emergency & Information functions
- Public Address and Alarm functions (P.A. e PAGA)
- Emergency calls
- Diagnostics functions, including the audio tests on handset, on handsfree, as well as on the auxiliary audio output
- OLED display with 2 rows and 16 characters for incoming calls, system status and menu navigation
- 48 memory keys with LED
- SIP protocol • PoE compatible
- Suitable for remote configuration and remote diagnostics

dimensions (W x H x D) 285,0 x 133,0 x 234,0 mm

weight 3,0 kg

HANDSET/HANDSFREE

DESK MOUNTING

IP30

0°C to + 50°C

**VOIP-LINE LENGTH:
UP TO 250 METRES**

*Option:
Remote Monitoring by
ASTRO System Manager*

P/N 7575123

DAP 54-16/100



The DAP EN54-16 /100 Operator Console is a part of the EN54-16 certified Fitre P.A. System. It can manage various functions, including sending pre-recorded emergency announcements, sending live announcements via the gooseneck microphone, resetting system alarms, silencing emergency sound signals and other specific operations required by the EN54-16 standard.

In addition to the keys dedicated to the functions described above, there are other 100 keys that can be associated to the zones where the announcements have to be broadcast to.

The Console is also equipped with some LEDs for diagnostics and system status display.

dimensions (W x H x D) 287,0 x 128,0 x 234,0 mm

weight 3,1 kg

HANDSFREE

DESK MOUNTING

IP30

EN54-16 CERTIFIED

VoIP

INDOOR

P/N 7571102

AF120-24SD ASTRO SYSTEM MANAGER SERVER UNIT



ASTRO VOIP COMMUNICATION SYSTEM:
INDUSTRIAL RELIABILITY MADE FLEXIBLE

- Power supply: wide range 19-36VDC (nominal 24VDC) 1.25A typical, 4A max.
- Network interfaces: 2 Gigabit Ethernet ports
- Serial interfaces: RS-232, RS-485 (optional RS-422)

dimensions (W x H x D) 435,0 x 44,0 x 300,0 mm

weight 4,1 kg

RACK MOUNTING

- 5°C to + 60°C

P/N 7575125

ASTRO PAGA/PAVA SERVER UNIT



ASTRO EN54-16: CERTIFIED FLEXIBILITY

- Power supply: wide range 19-36VDC (nominal 24VDC) 1.25A typical, 4A max.
- Network interfaces: 2 Gigabit Ethernet ports
- Serial interfaces: RS-232, RS-485 (optional RS-422)

dimensions (W x H x D) 435,0 x 44,0 x 300,0 mm

weight 4,1 kg

RACK MOUNTING

- 5°C to + 60°C

EN54-16 CERTIFIED

P/N 7571181

ASTRO ASMR HA 1U



Astro ASMR High Availability 1U (redundant server unit) equipped with cables to connect to the main server unit. It includes redundancy software to provide "Hot-Spare" redundancy with automatic takeover in case of fault of the main server.

- Powered by PSDV-320AA redundant power supply unit provided with the main server unit
- 2 solid state disks (SDD), one embedded and one removable, in working + backup configuration with automatic rebuild of the working disk in case of failure
- 2 10/100/1000 Mbps Ethernet ports for redundant network connection

dimensions (W x H x D) 435,0 x 44,0 x 300,0 mm

weight 4,1 kg

RACK MOUNTING

- 5°C to + 60°C

INDOOR

P/N 7549262

ASTRO CLIENT



ASTRO Client is an operator station designed to manage a set of remote terminals.

It consists of:

- a 19" LCD monitor
- a keyboard
- a mouse

ASTRO Manager supervises Public Address Voice Alarms, Emergency and Intercom calls activity.

ASTRO is a fully and independent HW & SW Operating System.

DESK MOUNTING

P/N 7549305

17" KVM CONSOLE FOR 19" RACK



The 17" KVM Console consists of an integrated 17" LCD panel, full keyboard and touchpad, in one unit.

- Suitable for 19" rack installation
- Adjustable depth to fit in a rack
- LCD module rotates up to 115° for a more comfortable viewing angle
- Slideaway™ housing is less than 1U, with top and bottom clearance for smooth operation in a 1U high system rack
- Compatible with most PS/2 KVM switches
- Internal built-in power supply

RACK MOUNTING

- 0°C to + 40°C

dimensions (W x H x D) 48,0 x 4,4 x 54,0 mm

weight 12,3 kg

Analog

INDOOR

P/N 7575108

ECBI MODULE (110-230VAC)



The ECBI (External Control Beacon Interface) module manages the switching on of the beacons and oversees the diagnostics of the power line. Each module is capable of controlling up to 4 connection lines of beacons, through a power contact and the diagnostics of the line, by detecting the conditions of "short circuit", "open line" and "dispersion to the ground".

The maximum capacity of each line is 5A. The power supply of the beacons is typically included from 110 to 230VAC.

The ECBI module is powered by the ECxI rack unit by means of 24VDC voltage coming from the PSDV module.

dimensions (W x H x D) 268,0 x 30,0 x 95,0 mm

weight 540 g

RACK MOUNTING

- 30°C to + 70°C

EN54-16 CERTIFIED

110VAC / 230VAC power supply for beacons

P/N 7575112

ECBI MODULE (24-48VDC)



The ECBI (External Control Beacon Interface) module manages the switching on of the beacons and oversees the diagnostics of the power line. Each module is capable of controlling up to 4 connection lines of beacons, through a power contact and the diagnostics of the line, by detecting the conditions of "short circuit", "open line" and "dispersion to the ground".

The maximum capacity of each line is 5A. The power supply of the beacons is typically included from 24 to 48VDC.

The ECBI module is powered by the ECxI rack unit by means of 24VDC voltage coming from the PSDV module.

dimensions (W x H x D) 268,0 x 30,0 x 95,0 mm

weight 365 g

RACK MOUNTING

- 30°C to + 70°C

EN54-16 CERTIFIED

24VDC / 48VDC power supply for beacons

P/N 7575109

ECRI MODULE



The ECRI (External Control Relay Interface) module manages output relay contacts (voltage-free contacts) and opto-isolated inputs. Each ECRI module is able to manage:

- 8 output contacts
- 8 inputs coming from closed contacts or voltages included from 5 to 60VDC. The operating mode of each input is selected by jumpers based on the ECRI module. The position of each jumper determines 2 possible operating modes:
 - "VC": the input is controlled by a DC voltage
 - "CC": the input is controlled by the closing of a voltage-free contact

dimensions (W x H x D) 188,0 x 23,0 x 95,0 mm

weight 310 g

RACK MOUNTING

- 30°C to + 70°C

EN54-16 CERTIFIED

P/N 7575111

ECxI RACK UNIT



The ECxI (External Control "x" Interface) is a 19" rack unit which manages the operation of the ECBI and ECRI modules. It can be equipped with a maximum of 3 ECBI, ECRI or ECBI / ECRI modules. The ECxI rack unit includes the ECxI base module (P/N 7575110) and provides the following connections:

- 1 connector for the 24VDC input voltage, coming from the PSDV module
- 1 Ethernet port ("LAN A") for connecting to the ASTRO Control Unit
- 1 Ethernet port ("LAN B") for the loop-through connection to the other units
- 2 opto-isolated inputs (voltage contacts) and 4 output relays

dimensions (W x H x D) 486,0 x 44,5 x 305,0 mm

weight 2,9 kg

RACK MOUNTING

- 30°C to + 70°C

EN54-16 CERTIFIED

ECxI base module included (P/N 7575110)

Analog

INDOOR

P/N 7575107

IP-DAD MODULE



The IP-DAD (IP Digital Audio Decoder) is an audio decoder from IP network to analog signal and vice versa, converting the flow of digital data coming from the ASTRO PAVA system, through the redundant network, into an analog signal to feed the FPMD power amplifiers.

- Supports both SIP and Fast PA protocols
- Double Ethernet interface for redundant network connection
- RS485 serial interface for managing the diagnostics of the FPMD power amplifiers
- Analog audio output towards the power amplifiers, available with a RJ45 connection or through a balanced output

dimensions (W x H x D) 293,0 x 30,0 x 85,0 mm

weight 215 g

RACK MOUNTING

- 30°C to + 70°C

EN54-16 CERTIFIED

P/N 7575106

IP-DAD RACK BASE



19" rackmount backplane with 4 slots for IP-DAD modules. The backplane supports a back-up feature, allowing a back-up IP-DAD module to take over in case of failure of one of the operating modules. A double Ethernet interface allows for a redundant network connection for increased safety.

dimensions (W x H x D) 486,0 x 44,0 x 386,0 mm

weight 3,7 kg

RACK MOUNTING

- 30°C to + 70°C

P/N 7733145

FPMD125-AMC



The FPMD class "D" power amplifier series has been designed on the basis of the EN54-16 standard to guarantee a high level of reliability with an efficient energy footprint.

- Integrated 100VAC line transformer
- Rated output power @ 230VAC: 125W rms D=0,5%
 - Power @ 230VAC -10%: 125W rms D=6%
 - Power @ 24VDC: 13W rms D=10%
- Maximum power consumption at RMS rated power: 195W
- Secondary power supply: 24VDC
- Amplifier diagnostics
- Fault-reporting relay

dimensions (W x H x D) 100,0 x 130,0 x 395,0 mm

weight 8,4 kg

RACK MOUNTING

- 10°C to + 45°C

EN54-16 CERTIFIED

230VAC / 24VDC power supply

P/N 7733143

FPMD250-AMC



The FPMD class "D" power amplifier series has been designed on the basis of the EN54-16 standard to guarantee a high level of reliability with an efficient energy footprint.

- Integrated 100VAC line transformer
- Rated output power @ 230VAC: 250W rms D=3%
 - Power @ 230VAC -10%: 250W rms D=6%
 - Power @ 24VDC: 13W rms D=10%
- Maximum power consumption at RMS rated power: 410W
- Secondary power supply: 24VDC
- Amplifier diagnostics
- Fault-reporting relay

dimensions (W x H x D) 100,0 x 130,0 x 395,0 mm

weight 9,2 kg

RACK MOUNTING

- 10°C to + 45°C

EN54-16 CERTIFIED

230VAC / 24VDC power supply

Analog

INDOOR

P/N 7733147

FPMD250-AMC



The FPMD class "D" power amplifier series has been designed to guarantee a high level of reliability with an efficient energy footprint.

- Integrated 100VAC line transformer
- Rated output power @110VAC: 250W rms D=3%
 - Power @110VAC -10%: 110W rms D=6%
 - Power @24VDC: 13W rms D=10%
- Maximum power consumption at RMS rated power: 410W
- Secondary power supply: 24VDC
- Amplifier diagnostics
- Fault-reporting relay

dimensions (W x H x D) 100,0 x 130,0 x 395,0 mm

weight 9,2 kg

RACK MOUNTING

- 10°C to +45°C

110VAC / 24VDC power supply

P/N 7733144

FPMD500-AMC



The FPMD class "D" power amplifier series has been designed on the basis of the EN54-16 standard to guarantee a high level of reliability with an efficient energy footprint.

- Integrated 100VAC line transformer
- Rated output power @230VAC: 500W rms D=2,5%
 - Power @230VAC -10%: 250W rms D=6%
 - Power @24VDC: 13W rms D=10%
- Maximum power consumption at RMS rated power: 740W
- Secondary power supply: 24VDC
- Amplifier diagnostics
- Fault-reporting relay

dimensions (W x H x D) 200,0 x 130,0 x 395,0 mm

weight 14,8 kg

RACK MOUNTING

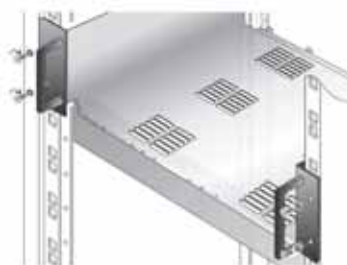
- 10°C to +45°C

EN54-16 CERTIFIED

230VAC / 24VDC power supply

P/N 7733131

RACK MOUNTING UNIT FOR FPMD AUDIO POWER AMPLIFIERS



Rack mounting frame for standard 19" cabinet for FPMD amplifiers

- Allows for up to 4 FPMD125/250 or 2 FPMD500 or 1 FPMD500 and 2 FPMD125/250
- Handles included
- 3U occupancy

RACK MOUNTING

Analog

INDOOR

P/N 7575104

PSDV (EN54-16)



The PSDV (Power Supply Distribution & Visualization) rack unit module is equipped with:

- 8 opto-isolated voltage contacts inputs to generate alarms
- 8 opto-isolated voltage free inputs to generate alarms
- 2 output relays to detect the emission status of the announcement and the system status
- 2 programmable and supplementary output relays

Available accessory:

- Hand-held microphone for emergency paging directly from the cabinet, even in case of server fault (P/N 7311432).

dimensions (W x H x D) 486,0 x 44,5 x 305,0 mm

weight 4,3 kg

RACK MOUNTING

- 30°C to + 70°C

EN54-16 CERTIFIED

P/N 7571110

PSDV



The PSDV (Power Supply Distribution & Visualization) rack unit provides a 24VDC protected power supply to the PAVA system, receiving the 230VAC voltage as a main input power supply and the 24VDC voltage as a back-up power supply.

The PSDV rack unit module is equipped with:

- 8 opto-isolated inputs to generate alarms, available as voltage contacts or volt free contacts
- 2 output relays to detect the emission status of the announcement and the system status
- 2 programmable and supplementary output relays

dimensions (W x H x D) 486,0 x 44,5 x 305,0 mm

weight 4,3 kg

RACK MOUNTING

- 30°C to + 70°C

P/N 7571111

PSDV-320AA



PSDV-320AA redundant power supply with handheld microphone and I/Os.

- Redundant 320W power supply with two independent 110-230VAC power inlets and eight 24VDC outputs, fully diagnosed
- Hand-held microphone for emergency paging directly from the cabinet, even in case of server fault (P/N 7311432)
- 8 inputs (dry contacts or 12 to 60VDC) and four relay outputs
- 2 10/100/1000Mbps Ethernet ports for redundant network connection
- Independent overload/short-circuit protection for each DC output with manual reset after load fault fix (max. 140W per port)

dimensions (W x H x D) 486,0 x 44,5 x 305,0 mm

weight 4,3 kg

RACK MOUNTING

0°C to + 60°C

P/N 7311432

EMERGENCY HANDHELD MICROPHONE



Emergency handheld microphone allowing to broadcast live messages and announcements through the loudspeakers' network of a P.A. System.

- Dynamic capsule
- Impedance: 500Ω
- Sensitivity: -76dB
- Frequency: 300 ÷ 6000Hz
- 4-pin connector

The microphone is equipped with a 4-pin connector for direct connection to the PSDV module.

dimensions (W x H x D) 60,0 x 100,0 x 45,0 mm

weight 160 g

Analog

INDOOR

P/N 7719326

AC/DC POWER SUPPLY MODULE



230VAC/48VDC power supply module for rack unit (P/N 7719325)

- Input voltage: 100÷230VAC - 50/60Hz
- Input current: 13A
- Output voltage: 48VDC
- Output current: 21A
- Output power: 1000W
- Hot-swap & PFC (Power Factor Correction) functions
- Built-in OR-ing diode

RACK MOUNTING

- 20°C to + 60°C

dimensions (W x H x D) 127,0 x 41,0 x 325,0 mm

weight 1,75 kg

P/N 7719325

RACK UNIT FOR AC/DC POWER SUPPLY MODULE



19" 1U rack mounting unit for 230VAC/48VDC power supply module (P/N 7719326).

- 3 slots
- Input voltage: 100÷230VAC - 50/60Hz
- Input current: 13A (each input)
- Output voltage: 48VDC
- Maximum output current: 63A (21A for each module P/N 7719326)
- Output power: 3000W (1000W for each module P/N 7719326)
- Hot-swap & Power sharing functions
- IEC320-C14 input socket

RACK MOUNTING

dimensions (W x H x D) 484,0 x 44,0 x 358,0 mm

weight 3,6 kg

P/N 7327332

AM140



The AM140 Ambient Noise Microphone is designed to work with ASTRO PAGA digital VoIP system. ASTRO PAGA system is configured in order to maintain constantly the volume of Public Address announcements at a proper audio level above the ambient noise.

- Supply voltage range: 18 ÷ 36VDC
- Power consumption: 3W max.
- Audio output: 0dBm (balanced)
- Ambient noise measurement range: 55 ÷ 95dBA
- Connection: 4 wires

dimensions (W x H x D) 147,0 x 109,8 x 57,2 mm

weight 600 g

WALL MOUNTING

IP65

- 10°C to + 85°C

P/N 7571121

19" 3U 5 SLOTS IP-MAG NG RACK UNIT

19" 3U IP-MAG rack unit with 5 slots for IP-MAG NG modules (P/N 7571130) and IP-MAG connection boards (P/N 7571131).

Note: whenever an IP-MAG NG module (P/N 7571130) is inserted into the rack unit, an IP-MAG connection board (P/N 7571131) must be inserted on the back of it.

dimensions (W x H x D) 483,0 x 132,5 x 268,0 mm

weight 2,1 kg

RACK MOUNTING

P/N 7571120

19" 3U 10 SLOTS IP-MAG NG RACK UNIT



19" 3U IP-MAG rack unit with 10 slots for IP-MAG NG modules (P/N 7571130) and IP-MAG connection boards (P/N 7571131).

Note: whenever an IP-MAG NG module (P/N 7571130) is inserted into the rack unit, an IP-MAG connection board (P/N 7571131) must be inserted on the back of it.

dimensions (W x H x D) 483,0 x 132,5 x 268,0 mm

weight 2,3 kg

RACK MOUNTING

P/N 7571130

IP-MAG NG MODULE



The IP-MAG NG module is designed for railway and metropolitan tunnel applications, where there are emergency magnetophonic telephone equipment, which, via a LAN network, must be managed by a Control Center

- Magnetofonic line length: max. 15 km with 9/10 twisted pair cable
- External power supply: 24VDC -20/+10% (max. 4W)
- Communication protocol: SIP
- Audio codecs: G.711 A-low, G.711 μ -low, G.722, G.729
- Built-in web server • Remote configuration with password protection

dimensions (W x H x D) 40,3 x 128,4 x 187,0 mm

weight 279 g

RACK MOUNTING

- 25°C to + 70°C

P/N 7571131

IP-MAG NG CONNECTION BOARD



IP-MAG connection board for IP-MAG NG modules (P/N 7571130). Whenever an IP-MAG NG module is present, an IP-MAG connection board must be inserted on the back of:

- a 19" 3U 10 slots IP-MAG NG rack unit (P/N 7571120) or
- a 19" 3U 5 slots IP-MAG NG rack unit (P/N 7571121)

Each IP-MAG NG connection board is provided with:

- 1 frontal panel
- 2 4-pole female connectors
- 2 3-pole female connectors
- 2 fixing spacers

dimensions (W x H x D) 40,3 x 128,4 x 88,0 mm

weight 100 g

RACK MOUNTING

- 25°C to + 70°C

VoIP

WEATHERPROOF

P/N 7564470H

TAS2000 VOIP PHONE/INTERCOM-250MT



VoIP weatherproof and vandalproof telephone with handset

- IP66 protection
- Die-cast "copper-free" aluminium alloy case
- SIP protocol • PoE compatible
- Adjustable receiving volume
- Full 12-key keyboard • Last number redial
- 4 function keys and 4 programmable memory keys
- Last number redial
- Metallic spring protection for telephone cord
- Suitable for remote configuration and remote diagnostics

dimensions (W x H x D) 230,0 x 270,0 x 140,0 mm

weight 5,9 kg

HANDSET**WALL MOUNTING****IP66****- 40°C to + 70°C****VOIP-LINE LENGTH:
UP TO 250 METRES**Option:
Remote Monitoring by
ASTRO System Manager

P/N 7133160H

TAS360 VOIP 20K-6L-250MT



VoIP weatherproof and vandalproof "powerful - duplex" handsfree (DSP based) telephone.

- IP66 protection
- Die-cast "copper free" aluminium alloy case
- 20 keys (full 12-key keyboard + 4 function keys + 4 programmable memory keys + 6 lights)
- SIP protocol • PoE compatible

dimensions (W x H x D) 120,0 x 360,0 x 100,0 mm

weight 3,3 kg

HANDSFREE**WALL MOUNTING****IP66****- 40°C to + 70°C****VOIP-LINE LENGTH:
UP TO 250 METRES**Option:
Remote Monitoring by
ASTRO System Manager

P/N 7327520

XP12/IP



Weatherproof IP PoE+ horn loudspeaker with automatic volume control.

- Impact-resistant die-cast aluminum alloy
- Protection class: IP66
- 25W built-in class-D amplifier
- Maximum output power:
 - PoE+ (802.3at): 25W
 - PoE (802.3af): 10W
- 10BASE-T/100BASETX network interface
- Maximum connection distance: 250m with standard Cat.5e cable

dimensions Ø 265,0 x 420,0 mm

weight 6,0 kg

**SELF-ADJUSTING
AMPLIFIED VOLUME
WALL MOUNTING****IP66****- 40°C to + 60°C****VOIP-LINE LENGTH:
UP TO 250 METRES**Option:
Remote Monitoring by
ASTRO System Manager

VoIP

EXPLOSION-PROOF

P/N 7134401

TAS2000 VOIP-Ex 22K-2L-TEL



Explosion-proof VoIP Telephone/Intercom Station with handset

- SIP protocol • PoE compatible
- IP66 protection class • ATEX certified for Zone 1 - Zone 21
- Standard keyboard
- 4 memory keys for direct calls • 4 service keys • 2 lights
- Volume adjusting +/- keys
- Metallic spring protection for telephone cord

ATEX Approval:

II 2G Ex eb mb ib IIC T6, T5 Gb

II 2D Ex tb IIIC T85°C, T100°C Db

Certificate of Conformity: IECEx IMQ 13.0010.01

dimensions (W x H x D) 230,0 x 270,0 x 140,0 mm

weight 6,0 kg

HANDSET**WALL MOUNTING****IP66**

- 40°C to + 40°C

- 40°C to + 55°C

ATEX and IECEx**VOIP-LINE LENGTH:****UP TO 180 METRES***Option:**Remote Monitoring by
ASTRO System Manager*

P/N 7134601N

TAS360 VoIP-Ex 20K-6L-IS2



Explosion-proof VoIP handsfree Intercom Station

- SIP protocol • PoE compatible
- Protection class IP66 • ATEX certified for Zone 1 - Zone 21
- Standard keyboard
- 4 memory keys for direct calls • 4 service keys
- 6 lights

ATEX Approval:

II 2G Ex eb mb ib IIC T6, T5 Gb

II 2D Ex tb IIIC T85°C, T100°C Db

Certificate of Conformity: IECEx IMQ 13.0090.01

dimensions (W x H x D) 120,0 x 360,0 x 100,0 mm

weight 4,1 kg

HANDSFREE**WALL MOUNTING****IP66**

- 40°C to + 40°C

- 40°C to + 55°C

ATEX and IECEx**VOIP-LINE LENGTH:****UP TO 180 METRES***Option:**Remote Monitoring by
ASTRO System Manager*

P/N 7327530

XP12/IP-EX



Explosion-proof IP PoE+ horn loudspeaker with automatic volume control.

• ATEX certification:

II 2GD Ex d IIC T3 Gb Ex tb IIIC T150°C Db IP6X

• Impact-resistant die-cast aluminum alloy body with Epoxy coating finishing and anodized aluminum speaker horn

• Stainless steel AISI 304 bracket

• 25W built-in class-D amplifier

• Maximum output power: PoE+ (802.3at): 25W PoE (802.3af): 10W

• 10BASE-T/100BASETX network interface

• Maximum connection distance: 250m with standard Cat.5e cable

dimensions Ø 265,0 x 420,0 mm

weight 6,0 kg

**SELF-ADJUSTING
AMPLIFIED VOLUME****WALL MOUNTING****IP66**

- 40°C to + 60°C

ATEX**VOIP-LINE LENGTH:****UP TO 250 METRES***Option:**Remote Monitoring by
ASTRO System Manager*

Analog

INDOOR

P/N 7128742

TF410



Slim analog phone intercom

- 2 direct memory keys and 10 "dual touch" memory keys
- DTMF tone dialling
- Mute key
- Pause key and last number redial
- Flash "R" key for use with PABXs
- Adjustable ringing
- Desk/wall mounting
- Name tag on the handset

dimensions (W x H) 93,0 x 198,0 mm

weight 600 g

HANDSET

DESK/WALL MOUNTING

P/N 7128734

TF425+ GREEN



Line-powered multifunction analog telephone with CLIP feature

- 3 rows, backlit alpha-numeric display
- 6 one-touch memories
- Handsfree function with dedicated LED button
- Handset socket with dedicated LED button
- Phonebook for 150 numbers with name
- List of the last 99 received calls
- List of the last 30 dialled calls
- Missed call LED
- Incoming call LED
- Data retention without power supply

dimensions (W x H x D) 210,0 x 198,0 x 90,0 mm

weight 1,25 kg

HANDSET/HANDSFREE

DESK/WALL MOUNTING

P/N 7128702

PUNTO 11 FUCSIA



Analog phone intercom

- 10 direct memory keys and 10 "dual touch" memory keys
- DTMF/Pulse selection
- Memory storage without the need of power supply or batteries
- Optical signalling of active "Mute" function
- Adjustable receiving volume
- Horizontal or vertical position of the handset
- Desk/wall mounting

dimensions (W x H) 190,0 x 145,0 mm

weight 660 g

HANDSET

DESK/WALL MOUNTING

P/N 7128715

TF500-TELEPHONE FOR HEARING-IMPAIRED PEOPLE



Vibro-receiving BCA telephone for hearing-impaired people or noisy environments.

- Useful for hearing-impaired people
- Patented receiver with vibrating sensor
- Adjustable receiving volume
- Adjustable ringing volume
- Optical signalling for incoming call
- Handsfree
- Large and user-friendly keys

dimensions (W x H x D) footprint 200,0 x 210,0 x 90,0 mm

weight 1,5 kg

HANDSET/HANDSFREE

DESK/WALL MOUNTING

Analog

INDOOR

P/N 7127525

TONO CB



Desk/wall mounting analog CB telephone

- Antishock resin made case
- Handset is equipped with an ergonomic volume adjustment
- Suitable for emergency communications
- Powered by standard analog telephone lines, either PTT trunks or PBX internal lines

HANDSET

DESK/WALL MOUNTING

0°C to +50°C

dimensions (W x H x D) 95,0 x 245,0 x 90,0 mm

weight 800 g

P/N 7127520

FULL ANTHRACITE BASE FOR TONO BC



Full anthracite base for TONO BC telephone set series

HANDSET

DESK/WALL MOUNTING

0°C to +50°C

dimensions (W x H x D) 90,0 x 245,0 x 48,0 mm

weight 500 g

P/N 7313625ST

RED HANDSET FOR TONO SERIES



Red handset complete of cord for TONO telephone set series

HANDSET

0°C to +50°C

dimensions (W x H x D) 58,0 x 218,0 x 65,0 mm

weight 300 g

P/N 7127535

TONO HOT-LINE



Analog CB telephone desk/wall mounting, without keyboard for emergency communications performed by lifting the handset.

- Directly powered by standard analog lines
- Connection to PTT trunk or PBX extension lines
- Receiving volume adjustment
- Red colour

HANDSET

DESK/WALL MOUNTING

0°C to +50°C

dimensions (W x H x D) 95,0 x 245,0 x 90,0 mm

weight 800 g

Analog

WEATHERPROOF

P/N 7132800

TTH10 - 32P



Analog ACB flush-mounting telephone

- ABS material
- IP65 protection
- 15-key keyboard

HANDSET

FLUSH MOUNTING

IP65

- 20°C to + 70°C

dimensions (W x H x D) 91,0 x 278,0 x 110,0 mm

weight 700 g

P/N 7132800x

TTH10 - 32P DESKTOP BOX



Analog ACB desktop box telephone

- ABS material
- IP65 protection
- 15-key keyboard

HANDSET

FLUSH MOUNTING

IP65

- 20°C to + 70°C

dimensions (W x H x D) 91,0 x 278,0 x 110,0 mm

weight 700 g

P/N J7132806

TTH11



Weatherproof flush-mounting analog CB telephone

- ABS material
- IP65 protection

HANDSET

FLUSH MOUNTING

IP65

dimensions (W x H x D) 91,0 x 278,0 x 110,0 mm

weight 700 g

Analog

WEATHERPROOF

P/N 7132445CFX

TAS2000 RV



Analog ACB weatherproof and vandalproof telephone

- IP66 protection
- Standard telephone keyboard
- Die-cast "copper free" aluminium alloy case (suitable for petro-chemical environments)
- Adjustable volume receiver (Vol + / Vol - keys)
- Adjustable volume loud bell (95dB/1m)
- Last number redial
- Metallic spring protection for telephone cord

HANDSET

WALL MOUNTING

IP66

- 40°C to + 70°C

dimensions (W x H x D) 230,0 x 270,0 x 140,0 mm

weight 5,5 kg

P/N 7133690

TAS2000 VOX



Analog ACB weatherproof and vandalproof telephone

- IP66 protection
- Die-cast "copper-free" aluminium alloy case
- Both full-duplex handsfree and handset
- 4 keys for 4 programmable numbers
- Suitable for remote configuration and diagnostics (Astro System Manager)
- Adjustable receiver volume
- Last number redial
- Metallic spring protection for telephone cord

HANDSET/HANDSFREE

WALL MOUNTING

IP66

- 20°C to + 70°C

dimensions (W x H x D) 230,0 x 270,0 x 140,0 mm

weight 6,0 kg

Option:

Remote Monitoring by
ASTRO System Manager

P/N 7133690A

TAS2000 VOX 1M



Analog ACB weatherproof and vandalproof telephone

- IP66 protection
- Die-cast "copper-free" aluminium alloy case
- Both full-duplex handsfree and handset
- 1 memory key for 1 programmable number
- Suitable for remote configuration and diagnostics (Astro System Manager)
- Adjustable receiver volume
- Metallic spring protection for telephone cord

HANDSET/HANDSFREE

WALL MOUNTING

IP66

- 20°C to + 70°C

dimensions (W x H x D) 230,0 x 270,0 x 140,0 mm

weight 6,0 kg

Option:

Remote Monitoring by
ASTRO System Manager

P/N 7132461X

TAS2000 MEMO 0M/ST (-40°C)



Analog ACB weatherproof and vandalproof telephone

- IP66 protection
- Die-cast "copper-free" aluminium alloy case
- Without keyboard direct call
- Adjustable receiver volume
- Metallic spring protection for telephone cord

HANDSET

WALL MOUNTING

IP66

- 40°C to + 70°C

dimensions (W x H x D) 230,0 x 270,0 x 140,0 mm

weight 5,8 kg

Analog

WEATHERPROOF

P/N 7132261X

TAS2000 1M/ST



Analog ACB weatherproof and vandalproof telephone

- IP66 protection
- 1 programmable memory key
- Die-cast "copper free" aluminium alloy case
- Adjustable volume loud bell (95dB/1m)
- Metallic spring protection for telephone cord

HANDSET

WALL MOUNTING

IP66

- 20°C to + 60°C

dimensions (W x H x D) 230,0 x 270,0 x 140,0 mm

weight 5,5 kg

P/N 7132471A

TAS2000 MEMO 2MT



Analog ACB weatherproof and vandalproof telephone

- IP66 protection
- Die-cast "copper-free" aluminium alloy case
- 2 memory keys for 2 programmable numbers
- Automatic prefix dialling
- Headset connector and adjustable receiver volume
- Metallic spring protection for telephone cord

HANDSET

WALL MOUNTING

IP66

- 20°C to + 70°C

dimensions (W x H x D) 230,0 x 270,0 x 140,0 mm

weight 5,8kg

P/N 7132471X

TAS2000 MEMO 10MT/ST (-40°C)



Analog ACB weatherproof and vandalproof telephone

- IP66 protection
- Die-cast "copper-free" aluminium alloy case
- Full keyboard with 10 memory keys for 10 programmable numbers
- Adjustable receiver volume
- Last number redial
- Metallic spring protection for telephone cord

HANDSET

WALL MOUNTING

IP66

- 40°C to + 70°C

dimensions (W x H x D) 230,0 x 270,0 x 140,0 mm

weight 5,8 kg

P/N 7132471Y

TAS2000 MEMO 2MT/ST (-40°C)



Analog ACB weatherproof and vandalproof telephone

- IP66 protection
- Die-cast "copper-free" aluminium alloy case
- Full keyboard with 2 memory keys for 2 programmable numbers
- Last number redial
- Adjustable receiver volume
- Metallic spring protection for telephone cord

HANDSET

WALL MOUNTING

IP66

- 40°C to + 70°C

dimensions (W x H x D) 230,0 x 270,0 x 140,0 mm

weight 5,8 kg

Analog

WEATHERPROOF

P/N 7132459X

TAS2000 MEMO 10MTC/ST (-40°C)



Analog ACB weatherproof and vandalproof telephone

- IP66 protection
- Die-cast "copper-free" aluminium alloy case
- Full keyboard with 10 memory keys for 10 programmable numbers
- Headset connector
- Adjustable receiver volume
- Last number redial
- Metallic spring protection for telephone cord

HANDSET

WALL MOUNTING

IP66

- 40°C to + 70°C

dimensions (W x H x D) 230,0 x 270,0 x 140,0 mm

weight 5,8 kg

P/N 7132458X

TAS2000 MEMO 10MTC-NC (-40°C)



Analog ACB weatherproof and vandalproof telephone

- IP66 protection
- Die-cast "copper-free" aluminium alloy case
- Full keyboard with 10 memory keys for 10 programmable numbers
- Headset connector
- Special handset having a noise cancelling microphone for noisy environments (e.g: Engine-Room of the ships)
- Adjustable receiver volume
- Last number redial
- Metallic spring protection for telephone cord

HANDSET

WALL MOUNTING

IP66

- 40°C to + 70°C

dimensions (W x H x D) 230,0 x 270,0 x 140,0 mm

weight 5,8 kg

P/N 7148918

RI-72 HEADSET

Accessory for TAS2000 MEMO series telephones



Industrial headset with anti-noise electro magnetic microphone and 10 metres cable length with U161/U plug for U79/U telephone socket.

- Material: polyester
- Colour: black (RAL9005)
- Electromagnetic microphone sensitivity: -94dB, noise cancelling
- Headset impedance: 300Ω
- Weatherproof plug for TAS2000 VOIP 26K - 2L - 250MT telephone set (P/N 7564526)

IP55

dimensions (W x H x D) 170,0 x 288,0 x 100,0 mm

weight 0,6 kg

P/N 7132442CFX

TCS2000 RV (-40°C)



Analog CB (Central Battery) weatherproof and vandalproof telephone

- IP66 protection
- No keyboard
- Die-cast "copper free" aluminium alloy case, (suitable for petro-chemical environments)
- Adjustable volume receiver (Vol + / Vol - keys)
- Adjustable volume loud bell (95dB/1m)
- Metallic spring protection for telephone cord

HANDSET

WALL MOUNTING

IP66

- 40°C to + 70°C

dimensions (W x H x D) 230,0 x 270,0 x 140,0 mm

weight 5,4 kg

Analog

WEATHERPROOF

P/N 7132442CXG

TCS2000 RV+G (-40°C)



Analog CB (Central Battery) weatherproof and vandalproof telephone

- IP66 protection
- No keyboard
- Die-cast "copper free" aluminium alloy case, (suitable for petro-chemical environments)
- Adjustable volume receiver (Vol + / Vol - keys)
- Adjustable volume loud bell (95dB/1m)
- Auxiliary free contact for detecting the state of the hook (closed on hook)

dimensions (W x H x D) 230,0 x 270,0 x 140,0 mm

weight 5,4 kg

HANDSET

WALL MOUNTING

IP66

- 40°C to + 70°C

Analog

WEATHERPROOF

P/N 7132801

TTS10 32P - 15T



Analog ACB telephone

- IP65 protection
- Telephone set material: ABS
- Case material: polyester GRP
- 15-key keyboard
- Wall mounting

HANDSET

WALL MOUNTING

IP65

- 20°C to + 70°C

dimensions (W x H x D) 120,0 x 380,0 x 170,0 mm

weight 2,65 kg

P/N 7132801A

TTS10 32P - 15T



Analog ACB telephone

- IP65 protection
- Telephone set material: ABS
- Case material: polyester GRP
- 15-key keyboard
- Wall mounting
- INOX handset cord

HANDSET

WALL MOUNTING

IP65

- 20°C to + 70°C

dimensions (W x H x D) 120,0 x 380,0 x 170,0 mm

weight 2,65 kg

P/N J7132805

TTS11 32P



Weatherproof analog CB telephone

- IP65 protection
- Telephone set material: ABS
- Case material: polyester GRP
- Wall mounting

HANDSET

WALL MOUNTING

IP65

- 20°C to + 70°C

dimensions (W x H x D) 120,0 x 380,0 x 170,0 mm

weight 2,6 kg

P/N 7132841A

TT - BCA - 15T



Analog ACB telephone, enclosed into weatherproof metal case

- Telephone set material: ABS
- Case material: stainless steel
- Equipped with door
- Protection degree IP65 even if door is open
- 15-key keyboard
- Handset cord with vandalproof protection

HANDSET

WALL MOUNTING

IP65

- 20°C to + 70°C

dimensions (W x H x D) 150,0 x 600,0 x 160,0 mm

Analog

WEATHERPROOF

P/N 7132840

TT - BC



Analog CB telephone enclosed into weatherproof metal case, with door.

- Telephone set material: ABS
- Case material: stainless steel
- Protection degree IP65 even if door is open
- Handset cord with vandalproof protection

dimensions (W x H x D) 150,0 x 600,0 x 160,0 mm

HANDSET

WALL MOUNTING

IP65

- 20°C to + 70°C

P/N J7111420

TTSVOX - BCA - MT



Analog ACB telephone

- GRP polyester case
- IP54 protection
- 12-key keyboard + key for sending messages on Public Address Network
- Both handsfree and handset

dimensions (W x H x D) 120,0 x 637,0 x 170,0 mm

weight 4,2 kg

HANDSET/HANDSFREE

WALL MOUNTING

IP54

- 20°C to + 70°C

Analog

WEATHERPROOF

P/N 7137111

TAS21



Weatherproof analog ACB telephone

- GRP polyester case
- IP66 protection
- Both handsfree and handset
- 3-line display
- INOX steel 21-key keyboard
- Metallic spring protection for telephone cord

HANDSET/HANDSFREE

WALL MOUNTING

IP66

- 25°C to + 60°C

dimensions (W x H x D) 227,0 x 293,0 x 135,0 mm

weight 6,28 kg

P/N 7137128

TCS21



Weatherproof analog CB telephone

- GRP polyester case
- IP66 protection
- Handset
- No keyboard

HANDSET

WALL MOUNTING

IP66

- 25°C to + 60°C

dimensions (W x H x D) 227,0 x 293,0 x 135,0 mm

weight 5,21 kg

P/N 7137120

TAS26



Analog ACB telephone

- No display
- Sturdy polycarbonate case
- IP65 protection
- Yellow/black coloured
- Shock-resistant
- Chemical-resistant

HANDSET

DESK/WALL MOUNTING

IP65

- 25°C to + 55°C

dimensions (W x H x D) 191,0 x 293,0 x 128,0 mm

weight 1,7 kg

P/N 7137129

TCS26



Weatherproof analog desk/wall telephone for indoor and outdoor use

- No keyboard / No display
- Housing: impact-resistant plastic (polycarbonat)
- Ringing volume: ≥95dB(A) at 1m distance
- Mouthpiece: electret-foil microphone
- Dynamic capsule with magnetic field generator
- Steel armoured handset cord
- Optionally handset can be locked (stabilization bracket)

HANDSET

DESK/WALL MOUNTING

IP65

- 25°C to + 55°C

ATEX

dimensions (W x H x D) 191,0 x 293,0 x 128,0 mm

weight 2,3 kg

Analog

WEATHERPROOF

P/N 7137121

TAS26D



Analog ACB telephone with display

- Sturdy polycarbonate case
- IP65 protection
- Yellow/black coloured
- Shock-resistant
- Chemical-resistant

HANDSET

DESK/WALL MOUNTING

IP65

- 25°C to + 55°C

dimensions (W x H x D) 191,0 x 293,0 x 128,0 mm

weight 1,7 kg

P/N 7132127

TAS27



Analog ACB telephone for indoor and outdoor use with protection door

- IP66 protection with closed door
- Housing in polycarbonate
- PIN for changing settings
- Ringing volume:
 - approx. 90dB(A) at 1m distance with open housing cover
 - approx. 65dB(A) at 1m distance with closed housing cover
- Supply voltage: 24÷66VDC
- Supply current: 19÷100mA
- Connection for secondary sounder
- Protective door in yellow, red or transparent

HANDSET

WALL MOUNTING

IP66

- 40°C to + 55°C

dimensions (W x H x D) 237,0 x 330,0 x 110,0 mm

weight 2,3 kg

Analog

WEATHERPROOF

P/N 7132800y

TTH10 - 32P IN WEATHERPROOF HOUSING



Analog ACB wall mounting telephone in weatherproof housing

- Telephone set material: ABS
- Housing material: aluminium alloy die-cast in yellow colour
- Protection degree:
 - IP66 with closed door
 - IP65 with open door
- 15-key keyboard

HANDSET

WALL MOUNTING

- 35°C to + 70°C

dimensions (W x H x D) 205,0 x 320,0 x 120,0 mm

weight 4,1 kg

P/N 7111180

TTS10 IN RFI HOUSING



TTS10 ACB analog telephone set housed in RFI weatherproof box

Note: the ringtone is audible only when the door is open. If necessary, it is possible to install the relevant outside ringer.

HANDSET

WALL MOUNTING

P/N C910061C

MPG01 - LINESMAN'S TEST SET



Linesman's test set ideal for installation, maintenance and connection to telephone lines, manufactured in compliance with ISO 9001.

MPG01 is housed in a high impact and highly visible red polyurethane case, designed to provide the operator with maximum grip.

- ON/OFF monitor switch • Tone/pulse dialling
- 20-key rubber keypad with dedicated function keys
- 10 "two-touch" programmable memory keys
- Last number redial in TONE or PULSE (31 digits)
- Overvoltage and overcurrent protection
- 3-tone electronic ringer with intensity regulation
- 4-metres drop test passed

- 10°C to + 50°C

dimensions (W x H x D) 70,0 x 195,0 x 75,0 mm

weight 450 g

Analog

EXPLOSION-PROOF

P/N 7138150

TAS22AD



Explosion-proof analog ACB telephone

- GRP polyester case • IP66 protection
- Both handsfree and handset • 3-line display
- INOX steel 21-key keyboard
- ATEX Certified:
 - Ex II 2 G Ex eb mb [ib] IIC T5 Gb
 - II 2 D Ex tb [ib] IIIC T 100°C Db
 - 25°C < Ta < + 60°C
 - Ex II 2 G Ex eb mb [ib] IIC T6 Gb
 - II 2 D Ex tb [ib] IIIC T 80°C Db
 - 25°C < Ta < + 40°C

dimensions (W x H x D) 227,0 x 293,0 x 135,0 mm

weight 6,36 kg

HANDSET/HANDSFREE

WALL MOUNTING

IP66

-25° to +60°C T5

-25° to +40°C T6

ATEX

P/N 7138170

TCS22AD



Explosion-proof analog CB telephone

- GRP polyester case • IP66 protection
- Handset
- No keyboard
- ATEX Certified:
 - Ex II 2 G Ex eb mb [ib] IIC T5 Gb
 - II 2 D Ex tb [ib] IIIC T 100°C Db
 - 25°C < Ta < + 60°C
 - Ex II 2 G Ex eb mb [ib] IIC T6 Gb
 - II 2 D Ex tb [ib] IIIC T 80°C Db
 - 25°C < Ta < + 40°C

dimensions (W x H x D) 227,0 x 293,0 x 135,0 mm

weight 6,0 kg

HANDSET

WALL MOUNTING

IP66

- 25°C to + 60°C T5

- 25°C to + 40°C T6

ATEX

P/N 7138936

RI74 - EARPHONE KIT FOR TAS22AD / TCS22AD



Auxiliary earphone in Polyurethan-Elastomer for TAS22AD (P/N 7138150) and TCS22AD (P/N 7138170) telephone sets.

The earphone enables a third person to take part in a telephone conversation.

It can also be used to reduce disturbing environmental noises during a call.

Required screws and cable glands are included.

dimensions (W x H x D) 100,0 x 68,0 x 50,0 mm

weight 200 g

HANDSET/HANDSFREE

IP54

- 20°C to + 60°C

ATEX

P/N 7138935

RI73 - HEADSET KIT FOR TAS22AD



The RI73 kit permits the connection of the MT53H79B-56 Ex-headset to the TAS22AD explosion-proof telephone set (P/N 7138150).

The Ex-headset improves essentially the communication in ambient noise areas.

It protects against harmful ambient noise and permits telephone communication during activities where both hands are needed.

The MT53H79B-56 Ex-headset complies with the explosion category: II 2 G Eex ib IIC T4.

weight 400 g

HANDSET/HANDSFREE

IP54

- 30°C to + 70°C

ATEX

Analog

EXPLOSION-PROOF

P/N 7138940

TAS22AD HANDSET



Handset complete of microphone, loudspeaker and spiral cord for TAS22AD explosion-proof telephone set (P/N 7138150).

dimensions (W x H x D) 48,0 x 230,0 x 45,0 mm

weight 700 g

HANDSET

DESK/WALL MOUNTING

IP66

ATEX

P/N 7138960

PAIR OF STABILIZER BRACKETS FOR TAS22AD



Pair of plastic stabilizer brackets for TAS22AD explosion-proof telephone set (P/N 7138150).

dimensions (W x H x D) 15,0 x 30,0 x 20,0 mm

weight 15 g

DESK/WALL MOUNTING

IP66

ATEX

P/N 7137126

TAS26 Z2



Explosion-proof analog ACB telephone

- Desk/wall polycarbonate case
- Protection degree IP65
- Handset
- No display
- Yellow colour
- ATEX certified Zone 2 - 22:
 - II 3 G Ex nA L IIC T5
 - II 3 D Ex tD A22 IP65 80°C

dimensions (W x H x D) 191,0 x 293,0 x 128,0 mm

weight 2,3 kg

HANDSET

DESK MOUNTING

IP65

- 20°C to + 55°C

ATEX

VoIP

INDOOR

P/N 7128182

TF630IP



VoIP standard telephone suitable for professional use

- PoE compatible • 4 SIP accounts
- Full-duplex handsfree
- User interface with 27 languages
- 2.4" multifunction graphics display (320x240 pixel)
- Joystick with 5 customizable keys
- 4 soft keys with contextual function
- 3 function keys with LED • 9 fixed function keys
- Phonebook with 1000 entries
- LAN/WAN ports
- Optional bracket for wall mounting (P/N 7128179)

dimensions (W x H x D) 169,0 x 175,0 x 113,0 mm

weight 800 g

HANDSET/HANDSFREE

DESK/WALL MOUNTING

0°C to +45°C

P/N 7719282

AIP282

Accessory for TF630IP & TONO VOIP series telephones



PoE injector providing PoE feeding to one network socket

- 2 RJ45 sockets (PoE & LAN)
- Input voltage/frequency range: 100-240 VAC (±10%) – 50/60Hz
- Input current: 0.4A (cold start current 20A@100VAC)
- Stand-by power: 0.5W (no load)
- Output voltage: 48VDC
- Output current range: 0 ~ 0.35A
- Output power: 18W
- Efficiency: >80% @120VAC (full load)
- Compliant with IEEE802.3af standard

dimensions (W x H x D) 47,0 x 69,0 x 84,0 mm

weight 98 g

WALL MOUNTING

0°C to +60°C

P/N 7128752

DECT300 - HANDSET



- HD audio support (G.722)
- 2" TFT display (176x220)
- Polyphonic ringtones
- Local phonebook (100 entries)
- Central (3000 entries) and Remote (through LDAP protocol) phonebooks
- 3 soft keys
- 3 side keys (Mute, Vol+, Vol-)
- 5-way navigation key
- Headset connector (3.5mm) G.722 codec for HD audio
- G.726 codec for standard audio

dimensions (W x H x D) 48,0 x 140,0 x 25,0 mm

weight 125 g

DESK MOUNTING

IP30

- 10°C to +50°C

P/N 7549070

SEL3010IP - RADIO BASE



GAP / CAP / CAT-iq DECT compatible radio base station

- Frequency band: 1880 – 1930 MHz (DECT)
1880 – 1900 MHz (10 carriers)
- 4 power levels (14, 17, 20 and 24dBm)
- Seamless handover using connection handover
- Up to 254 bases and 1000 DECT300 handsets (P/N 7128752)
- Up to 3 DECT113 repeaters (P/N 7128777) per base station
- Internal omni-directional antennas
- Indoor range: 50m • Outdoor range: 300m
- PoE 44-57v-IEEE802.3at
- Maximum power consumption: 5W

dimensions (W x H x D) 150,0 x 205,0 x 56,0 mm

weight 335 g

DESK MOUNTING

IP30

- 5°C to +55°C

VoIP

INDOOR

P/N 7128777

DECT113 - RADIO REPEATER



- Up to 3 repeaters per SEL3010IP base station (P/N 7549070) in daisy chain
- Wideband audio
- Automatic registration
- Indoor cabinet
- Manual mounting kit
- Easily mounting on walls
- 12 slot support
- Handling of 5 active narrow band calls simultaneously
- Handling of 2 active wide band calls simultaneously
- DECT encryption

dimensions (W x H x D) 120,0 x 135,0 x 35,0 mm

weight 126 g

WALL MOUNTING

IP30

- 10°C to + 50° C

P/N 7128793

ASD793



Recharging base for DECT300 handset with slot for additional battery

HANDSET

DESK MOUNTING

dimensions (W x H x D) 56,0 x 82,0 x 66,0 mm

weight 160 g

P/N 7564410H

TONO VOIP 8M - 250MT



Operator Console suitable for Control Room and supervising activities

- Telephone, Intercom and Emergency & Information functions
- Public Address and Alarm functions (P.A. and PAGA)
- Emergency calls
- Diagnostics functions, including the audio tests on handset, on handsfree, as well as on the auxiliary audio output
- OLED display with 2 rows and 16 characters for incoming calls, system status and menu navigation
- 8 memory keys with LED
- SIP protocol • PoE compatible
- Suitable for remote configuration and remote diagnostics

dimensions (W x H x D) 190,0 x 133,0 x 234,0 mm

weight 1,75 kg

HANDSET/HANDSFREE

DESK MOUNTING

IP30

0°C to + 50°C

VOIP-LINE LENGTH:
UP TO 250 METRESOption:
Remote Monitoring by
ASTRO System Manager

P/N 7128300

TONO VOIP HOT-LINE RED



Desk mounting telephone for emergency communications

- No keyboard
- SIP protocol • PoE compatible
- 2 status LED: "READY" & "ON CALL"
- VOL+ / VOL- keys for adjusting the receiving volume
- Red colour

dimensions (W x H x D) 246,0 x 88,0 x 95,0 mm

weight 800 g

HANDSET

DESK MOUNTING

IP30

- 25°C to + 70°C

VOIP-LINE LENGTH:
UP TO 250 METRESOption:
Remote Monitoring by
ASTRO System Manager

VoIP

INDOOR

P/N 7564449H

TONO VOIP 48M - 250MT



Operator Console suitable for Control Room and supervising activities

- Telephone, Intercom and Emergency & Information functions
- Public Address and Alarm functions (P.A. e PAGA)
- Emergency calls
- Diagnostics functions, including the audio tests on handset, on handsfree, as well as on the auxiliary audio output
- OLED display with 2 rows and 16 characters for incoming calls, system status and menu navigation
- 48 memory keys with LED
- SIP protocol • PoE compatible
- Suitable for remote configuration and remote diagnostics

dimensions (W x H x D) 285,0 x 133,0 x 234,0 mm

weight 3,0 kg

HANDSET/HANDSFREE

DESK MOUNTING

IP30

0°C to + 50°C

VOIP-LINE LENGTH:
UP TO 250 METRESOption:
Remote Monitoring by
ASTRO System Manager

P/N 7564482H

TONO VOIP 88M - 250MT



Operator Console suitable for Control Room and supervising activities

- Telephone, Intercom, Emergency & Information functions
- Public Address and Alarm functions (P.A. & PAGA)
- Emergency calls
- Diagnostics functions, including the audio tests on handset, on handsfree, as well as on the auxiliary audio outputs
- OLED display with 2 rows and 16 characters for incoming calls, system status and menu navigation
- 88 memory keys with LED
- SIP protocol • PoE compatible
- Suitable for remote configuration and remote diagnostics

dimensions (W x H x D) 360,0 x 133,0 x 234,0 mm

HANDSET/HANDSFREE

DESK MOUNTING

IP30

0°C to + 50°C

VOIP-LINE LENGTH:
UP TO 250 METRESOption:
Remote Monitoring by
ASTRO System Manager

P/N 7564447

GOOSENECK MICROPHONE

Accessory for TONO VOIP series telephones



Gooseneck microphone fitted with sturdy and compact die-cast metal base, suitable for broadcasting Public Address announcements through TONO VOIP telephone sets.

- Height: 480mm

dimensions footprint Ø120,0 x 480,0 mm

weight 1,7 kg

DESK MOUNTING

P/N 7571160

I/F TCR-BOX LAN



TCR-Box LAN for installation in safe area, equipped with software for interfacing to Drillmec's HMI system via HTTP protocol over LAN connection.

- 1 Ethernet LAN port
- 1 24÷48VDC power supply

dimensions (W x H x D) 90,0 x 145,0 x 132,0 mm

weight 350 g

DESK MOUNTING

P/N 7575121

DAP 54-16 /20



The DAP EN54-16 /20 Operator Console is a part of the EN54-16 certified Fitre P.A. System. It can manage various functions, including sending pre-recorded emergency announcements, sending live announcements via the gooseneck microphone, resetting system alarms, silencing emergency sound signals and other specific operations required by the EN54-16 standard.

In addition to the keys dedicated to the functions described above, there are other 20 keys that can be associated to the zones where the announcements have to be broadcast to.

The Console is also equipped with some LEDs for diagnostics and system status display.

dimensions (W x H x D) 191,0 x 128,0 x 234,0 mm

HANDSFREE

DESK MOUNTING

IP30

EN54-16 CERTIFIED

P/N 7575122

DAP 54-16 /60



The DAP EN54-16 /60 Operator Console is a part of the EN54-16 certified Fitre P.A. System. It can manage various functions, including sending pre-recorded emergency announcements, sending live announcements via the gooseneck microphone, resetting system alarms, silencing emergency sound signals and other specific operations required by the EN54-16 standard.

In addition to the keys dedicated to the functions described above, there are other 60 keys that can be associated to the zones where the announcements have to be broadcast to.

The Console is also equipped with some LEDs for diagnostics and system status display.

dimensions (W x H x D) 192,0 x 128,0 x 234,0 mm

HANDSFREE

DESK MOUNTING

IP30

EN54-16 CERTIFIED

P/N 7575123

DAP 54-16 /100



The DAP EN54-16 /100 Operator Console is a part of the EN54-16 certified Fitre P.A. System. It can manage various functions, including sending pre-recorded emergency announcements, sending live announcements via the gooseneck microphone, resetting system alarms, silencing emergency sound signals and other specific operations required by the EN54-16 standard.

In addition to the keys dedicated to the functions described above, there are other 100 keys that can be associated to the zones where the announcements have to be broadcast to.

The Console is also equipped with some LEDs for diagnostics and system status display.

dimensions (W x H x D) 287,0 x 128,0 x 234,0 mm

weight 3,1 kg

HANDSFREE

DESK MOUNTING

IP30

EN54-16 CERTIFIED

P/N 7575124

DAP 54-16 /140



The DAP EN54-16 /140 Operator Console is a part of the EN54-16 certified Fitre P.A. System. It can manage various functions, including sending pre-recorded emergency announcements, sending live announcements via the gooseneck microphone, resetting system alarms, silencing emergency sound signals and other specific operations required by the EN54-16 standard.

In addition to the keys dedicated to the functions described above, there are other 140 keys that can be associated to the zones where the announcements have to be broadcast to.

The Console is also equipped with some LEDs for diagnostics and system status display.

dimensions (W x H x D) 382,0 x 128,0 x 234,0 mm

HANDSFREE

DESK MOUNTING

IP30

EN54-16 CERTIFIED

P/N 7569100

TBM100-DR TALKBACK MASTER UNIT

Talkback Master Unit TBM100-DR for installation in safe area on DIN rail, equipped with software for interfacing to Drillmec's HMI system via HTTP protocol over LAN connection.

- 1 Ethernet LAN port
- 1 microphone input
- 1 5W speaker output
- 1 24÷48VDC power supply

DIN RAIL MOUNTING

dimensions (W x H x D) 47,0 x 145,0 x 137,0 mm

weight 350 g

P/N 7569101

TBM200-DR TALKBACK MASTER UNIT

Talkback Master Unit TBM200-DR for installation in safe area on DIN rail, equipped with software for interfacing to Drillmec's HMI system via HTTP protocol over LAN connection.

- 1 PoE Ethernet LAN port
- 2 microphone inputs
- 2 5W+5W speaker outputs
- 1 auxiliary 24÷48VDC power supply

DIN RAIL MOUNTING

dimensions (W x H x D) 47,0 x 145,0 x 137,0 mm

weight 350 g

P/N C194715A

LBB9082 GOOSENECK MICROPHONE

Stylish high quality unidirectional gooseneck microphone, mainly intended for Public Address applications.

- Unidirectional dynamic microphone
- Flexible stem
- Excellent speech reproduction
- Rugged construction
- Built-in pop shield
- Frequency response: 100÷15000Hz
- Rated output impedance: 500Ω
- Sensitivity: 1.2mV/Pa ± 4dB

HANDSFREE**DESK MOUNTING****-25 °C to +55 °C**

dimensions Ø 28,0 x 385,0 mm

weight 225 g

P/N 7569102

MEMS MICROPHONE FOR TBM200-DR

Panel-mounted microphone for TBM200-DR (P/N 7569101).

PANEL MOUNTING

dimensions (W x H) 25,0 x 9,0 mm

weight 5 g

P/N 7569103

LOUDSPEAKER FOR TBM200-DR



Panel-mounted loudspeaker for TBM200-DR (P/N 7569101)

- Output power: 8W
- Impedance: 8Ω

PANEL MOUNTING

dimensions (W x H x D) 70,0 x 70,0 x 34,0 mm

weight 210 g

P/N 7327721

20W 100V/8Ω 2-WAY LOUDSPEAKER



Slim and elegant speaker with very linear frequency response and high polar pattern

- Rated power: 20W
- Frequency range: 250 ÷ 19000Hz (±10dB)
- 20W transformer
- Ingress protection: IP55
- SPL: max. 107dB
- Sensitivity (1W/1m): 94dB
- Colour: white (RAL9010)

WALL MOUNTING

IP55

dimensions (W x H x D) 67,0 x 392,0 x 64,0 mm

weight 2,0 kg

VoIP

WEATHERPROOF

P/N 7564470H

TAS2000 VOIP PHONE/INTERCOM-250MT



VoIP weatherproof and vandalproof telephone with handset

- IP66 protection
- Die-cast "copper-free" aluminium alloy case
- SIP protocol • PoE compatible
- Adjustable receiving volume
- Full 12-key keyboard • Last number redial
- 4 function keys and 4 programmable memory keys
- Last number redial
- Metallic spring protection for telephone cord
- Suitable for remote configuration and remote diagnostics

dimensions (W x H x D) 230,0 x 270,0 x 140,0 mm

weight 5,9 kg

HANDSET**WALL MOUNTING****IP66****- 40°C to + 70°C****VOIP-LINE LENGTH:
UP TO 250 METRES**Option:
Remote Monitoring by
ASTRO System Manager

P/N 7564470HX

TAS2000 VOIP PHONE/INTERCOM 250MT + AUX



VoIP weatherproof and vandalproof telephone with handset

- IP66 protection
- Die-cast "copper-free" aluminium alloy case
- Adjustable receiver volume
- Full 12-key keyboard • Last number redial
- 4 function keys and 4 programmable memory keys
- SIP protocol • PoE compatible
- Suitable for remote configuration and remote diagnostics
- Analog audio output card for optional external amplified loudspeakers and voltage free output contact
- Metallic spring protection for telephone cord

dimensions (W x H x D) 230,0 x 270,0 x 140,0 mm

weight 5,9 kg

HANDSET**WALL MOUNTING****IP66****- 40°C to + 70°C****VOIP-LINE LENGTH:
UP TO 250 METRES**Option:
Remote Monitoring by
ASTRO System Manager

P/N 7564470HR

TAS2000 VOIP PHONE/INTERCOM 250MT + I/O



VoIP weatherproof and vandalproof telephone with handset

- IP66 protection
- Die-cast "copper-free" aluminium alloy case
- Adjustable receiver volume
- Full 12-key keyboard • Last number redial
- 4 function keys and 4 programmable memory keys
- SIP protocol • PoE compatible
- Suitable for remote configuration and remote diagnostics
- I/O card (4 ON/OFF or voltage command inputs and 2 output relays)
- Metallic spring protection for telephone cord

dimensions (W x H x D) 230,0 x 270,0 x 140,0 mm

weight 5,9 kg

HANDSET**WALL MOUNTING****IP66****- 40°C to + 70°C****VOIP-LINE LENGTH:
UP TO 250 METRES**Option:
Remote Monitoring by
ASTRO System Manager

P/N 7133139

SPEAKER INTERFACE CARD FOR TASVOIP SERIES

Accessory for 360 and 2000 series telephones



Speaker interface card for TAS360 VoIP and TAS2000 VoIP telephone set series allowing to connect an external amplified loudspeaker

- Equipped with 1 output relay which can be set either as a "voltage free contact" or as a "voltage contact" (24÷48VDC)

CARD CONNECTIONS:

- +VAL / -VAL: 24÷48VDC power supply
- Shield: ground connection
- BF+ / BF-: 0dB audio signal
- V+ / V-: output relay pins for connecting a beacon when the "voltage contact" mode is set through the jumper

dimensions (W x H x D) 80,0 x 30,0 x 40,0 mm

weight 45 g

VoIP

WEATHERPROOF

P/N 7564473

TAS2000 VOIP DISPLAY



- VoIP weatherproof and vandalproof telephone with handset
- Die-cast "copper free" aluminium alloy case
 - OLED display with 2 rows and 16 characters
 - Full keyboard with display navigation keys, 4 function keys and 4 direct memory keys
 - Adjustable volume
 - SIP protocol • PoE compatible
 - Suitable for remote configuration and diagnostics
 - Interface with output relay for external loudspeaker or auxiliary beacon
 - Metallic spring protection for telephone cord

dimensions (W x H x D) 230,0 x 270,0 x 140,0 mm

weight 5,9 kg

HANDSET**WALL MOUNTING****IP66****0°C to + 70°C**

Option:
Remote Monitoring by
ASTRO System Manager

P/N 7564473H

TAS2000 VOIP DISPLAY - 250MT



- VoIP weatherproof and vandalproof telephone with handset
- Die-cast "copper free" aluminium alloy case
 - OLED display with 2 rows and 16 characters
 - Full keyboard with display navigation keys, 4 function keys and 4 direct memory keys
 - Adjustable volume
 - SIP protocol • PoE compatible
 - Suitable for remote configuration and diagnostics
 - Interface with output relay for external loudspeaker or auxiliary beacon
 - Metallic spring protection for telephone cord

dimensions (W x H x D) 230,0 x 270,0 x 140,0 mm

weight 5,9 kg

HANDSET**WALL MOUNTING****IP66****0°C to + 70°C**

**VOIP-LINE LENGTH:
UP TO 250 METRES**

Option:
Remote Monitoring by
ASTRO System Manager

P/N 7564400H

TAS2000 VOIP 26K - 2L - 250MT



- VoIP weatherproof and vandalproof telephone with handset
- IP66 protection
 - Die-cast "copper-free" aluminium alloy case
 - Both "powerful-duplex" (DSP based) handsfree and handset
 - Adjustable receiver volume
 - Full 12-key keyboard • Last number redial
 - 4 function keys and 4 programmable memory keys
 - SIP protocol • PoE compatible
 - Suitable for remote configuration and diagnostics
 - Last number redial
 - Metallic spring protection for telephone cord

dimensions (W x H x D) 230,0 x 270,0 x 140,0 mm

weight 5,9 kg

HANDSET/HANDSFREE**WALL MOUNTING****IP66****- 40°C to + 70°C**

**VOIP-LINE LENGTH:
UP TO 250 METRES**

Option:
Remote Monitoring by
ASTRO System Manager

P/N 7564400HX

TAS2000 VOIP 26K - 2L - 250MT + AUX



- VoIP weatherproof and vandalproof telephone with handset
- IP66 protection
 - Die-cast "copper-free" aluminium alloy case
 - Both "powerful-duplex" (DSP based) handsfree and handset
 - Adjustable receiver volume
 - Full 12-key keyboard • Last number redial
 - 4 function keys and 4 programmable memory keys
 - SIP protocol • PoE compatible
 - Suitable for remote configuration and diagnostics
 - Analog audio output card for optional external amplified loudspeakers and voltage free output contact

dimensions (W x H x D) 230,0 x 270,0 x 140,0 mm

weight 5,9 kg

HANDSET/HANDSFREE**WALL MOUNTING****IP66****- 40°C to + 70°C**

**VOIP-LINE LENGTH:
UP TO 250 METRES**

Option:
Remote Monitoring by
ASTRO System Manager

VoIP

WEATHERPROOF

P/N 7564400HR

TAS2000 VOIP 26K - 2L - 250MT + I/O



- VoIP weatherproof and vandalproof telephone with handset
- IP66 protection
 - Die-cast "copper-free" aluminium alloy case
 - Both "powerful-duplex" (DSP based) handsfree and handset
 - Adjustable receiver volume
 - Full 12-key keyboard • Last number redial
 - 4 function keys and 4 programmable memory keys
 - SIP protocol • PoE compatible
 - Suitable for remote configuration and diagnostics
 - I/O card (4 ON/OFF or voltage command inputs and 2 output relays)

dimensions (W x H x D) 230,0 x 270,0 x 140,0 mm

weight 5,9 kg

HANDSET/HANDSFREE

WALL MOUNTING

IP66

- 40°C to + 70°C

VOIP-LINE LENGTH:
UP TO 250 METRES

Option:
Remote Monitoring by
ASTRO System Manager

P/N 7564526

TAS2000 VOIP 26K - 2L - 250MT + HEADSET SOCKET



- VoIP weatherproof and vandalproof telephone with handset
- IP66 protection
 - Die-cast "copper-free" aluminium alloy case
 - Both "powerful-duplex" (DSP based) handsfree and handset
 - Adjustable receiver volume
 - Full 12-key keyboard • Last number redial
 - 4 function keys and 4 programmable memory keys
 - SIP protocol • PoE compatible
 - Suitable for remote configuration and diagnostics
 - Headset socket for RI-72 headset (P/N 7148918)
 - Metallic spring protection for telephone cord

dimensions (W x H x D) 230,0 x 270,0 x 140,0 mm

weight 5,9 kg

HANDSET/HANDSFREE

WALL MOUNTING

IP66

- 40°C to + 70°C

VOIP-LINE LENGTH:
UP TO 250 METRES

Option:
Remote Monitoring by
ASTRO System Manager

P/N 7148918

RI-72 HEADSET

Accessory for TAS2000 VOIP 26K - 2L - 250MT + HEADSET SOCKET



Industrial headset with anti-noise electro magnetic microphone and 10 metres cable length with U161/U plug for U79/U telephone socket.

- Material: polyester
- Colour: black (RAL9005)
- Electromagnetic microphone sensitivity: -94dB, noise cancelling
- Headset impedance: 300Ω
- Weatherproof plug for TAS2000 VOIP 26K - 2L - 250MT telephone set (P/N 7564526)

dimensions (W x H x D) 170,0 x 288,0 x 100,0 mm

weight 0,6 kg

IP55

P/N 7564470xH

TAS2000 VOIP PHONE/INTERCOM INFO - 250MT IP LINE RANGE



- VoIP weatherproof and vandalproof telephone with handset
- IP66 protection
 - Die-cast "copper-free" aluminium alloy case
 - Adjustable receiver volume
 - Full 12-key keyboard
 - Last number redial
 - Equipped with 1 direct INFO call key
 - 4 function keys and 4 programmable memory keys
 - SIP protocol • PoE compatible
 - Suitable for remote configuration and remote diagnostics
 - Metallic spring protection for telephone cord

dimensions (W x H x D) 230,0 x 270,0 x 140,0 mm

weight 5,9 kg

HANDSET

WALL MOUNTING

IP66

- 40°C to + 70°C

VOIP-LINE LENGTH:
UP TO 250 METRES

Option:
Remote Monitoring by
ASTRO System Manager

VoIP

WEATHERPROOF

P/N 7564432H

TAS2000 VOIP 1M - 250MT



- VoIP weatherproof and vandalproof telephone with handset
- IP66 protection • Die-cast "copper-free" aluminium alloy case
 - 1 programmable memory key
 - SIP protocol • PoE compatible
 - Suitable for remote configuration and diagnostics
 - Anti-corrosion special treatment
 - Metallic spring protection for telephone cord

HANDSET**WALL MOUNTING****IP66****- 40°C to + 70°C****VOIP-LINE LENGTH:
UP TO 250 METRES**

Option:
Remote Monitoring by
ASTRO System Manager

dimensions (W x H x D) 230,0 x 270,0 x 140,0 mm

weight 5,9 kg

P/N 7564432HR

TAS2000 VOIP 1M - 250MT + I/O



- VoIP weatherproof and vandalproof telephone with handset
- IP66 protection • Die-cast "copper-free" aluminium alloy case
 - 1 programmable memory key
 - SIP protocol • PoE compatible
 - Suitable for remote configuration and diagnostics
 - I/O card (4 ON/OFF or voltage command inputs and 2 output relays)
 - Metallic spring protection for telephone cord

HANDSET**WALL MOUNTING****IP66****- 40°C to + 70°C****VOIP-LINE LENGTH:
UP TO 250 METRES**

Option:
Remote Monitoring by
ASTRO System Manager

dimensions (W x H x D) 230,0 x 270,0 x 140,0 mm

weight 5,9 kg

P/N 75644xxHR

TAS2000 VOIP I/O - 250MT



- VoIP weatherproof and vandalproof telephone with handset
- IP66 protection • Die-cast "copper-free" aluminium alloy case
 - Automatic call to a pre-recorded number when the handset is released
 - SIP protocol • PoE compatible
 - Suitable for remote configuration and diagnostics
 - Metallic spring protection for telephone cord

HANDSET**WALL MOUNTING****IP66****- 40°C to + 70°C****VOIP-LINE LENGTH:
UP TO 250 METRES**

Option:
Remote Monitoring by
ASTRO System Manager

dimensions (W x H x D) 230,0 x 270,0 x 140,0 mm

weight 5,9 kg

P/N 7564462

TAS2000 VOIP HOT-LINE RED - 250MT



- Wall mounting telephone for emergency communications
- No keyboard
 - SIP protocol • PoE compatible
 - VOL+ / VOL- keys for adjusting the receiving volume
 - 2 lights (green & red)
 - Metallic spring protection for telephone cord
 - Red colour

HANDSET**WALL MOUNTING****IP66****- 40°C to + 70°C****VOIP-LINE LENGTH:
UP TO 250 METRES**

Option:
Remote Monitoring by
ASTRO System Manager

dimensions (W x H x D) 230,0 x 270,0 x 140,0 mm

weight 5,9 kg

VoIP

WEATHERPROOF

P/N D001153

TAS2000 VOIP INFO-SOS



VoIP intercom station, weatherproof & vandalproof telephone with handset.

- IP66 protection
- Die-cast "copper-free" aluminium alloy case
- 2 programmable memory keys
- SIP protocol • PoE compatible
- Suitable for remote configuration and remote diagnostics
- Metallic spring protection for telephone cord

dimensions (W x H x D) 232,0 x 324,0 x 142,5 mm

HANDSET**WALL MOUNTING****IP66****- 20°C to + 70°C**

**VOIP-LINE LENGTH:
UP TO 250 METRES**

*Option:
Remote Monitoring by
ASTRO System Manager*

P/N D001153bis

TAS2000 VOIP 1M SOS



VoIP intercom station, weatherproof & vandalproof telephone with handset.

- IP66 protection
- Die-cast "copper-free" aluminium alloy case
- 1 programmable memory key
- SIP protocol • PoE compatible
- Suitable for remote configuration and remote diagnostics
- Metallic spring protection for telephone cord

dimensions (W x H x D) 232 x 324 x 142,5 mm

HANDSET**WALL MOUNTING****IP66****- 40°C to + 70°C**

**VOIP-LINE LENGTH:
UP TO 250 METRES**

*Option:
Remote Monitoring by
ASTRO System Manager*

P/N D001153ter

TAS2000 VOIP INFO-SOS BLS



VoIP Blue Light Station, weatherproof & vandalproof telephone with handset.

- IP66 protection
- Die-cast "copper-free" aluminium alloy case
- 2 programmable memory keys
- SIP protocol • PoE compatible
- Equipped with 12-40VDC, IP66, blue light lamp
- Suitable for remote configuration and remote diagnostics
- Metallic spring protection for telephone cord

dimensions (W x H x D) 232 x 392 x 142,5 mm

HANDSET**WALL MOUNTING****IP66****- 40°C to + 70°C**

**VOIP-LINE LENGTH:
UP TO 250 METRES**

*Option:
Remote Monitoring by
ASTRO System Manager*

P/N 7564444HR

TAS2000 VOIP 4M - 250MT + I/O



VoIP weatherproof and vandalproof telephone with handset

- IP66 protection
- Die-cast "copper-free" aluminium alloy case
- Adjustable receiver volume
- 4 programmable memory keys
- SIP protocol • PoE compatible
- Suitable for remote configuration and diagnostics
- I/O card (4 ON/OFF or voltage command inputs and 2 output relays)
- Metallic spring protection for telephone cord

dimensions (W x H x D) 230,0 x 270,0 x 140,0 mm

weight 5,9 kg

HANDSET**WALL MOUNTING****IP66****- 40°C to + 70°C**

**VOIP-LINE LENGTH:
UP TO 250 METRES**

*Option:
Remote Monitoring by
ASTRO System Manager*

VoIP

WEATHERPROOF

P/N 7564485H

TAS2000 VOIP PHONE/INTERCOM 11K - 6L - MX2 - 250MT



VoIP weatherproof and vandalproof telephone with handset

- IP66 protection
- Die-cast "copper-free" aluminium alloy case
- Both "powerful-duplex" (DSP based) handsfree and handset
- Volume adjusting +/- keys
- 1 general call
- 5 conversation lines
- 3 alarm keys
- 6 lights
- SIP protocol • PoE compatible
- Suitable for remote configuration and diagnostics

dimensions (W x H x D) 230,0 x 270,0 x 140,0 mm

weight 5,9 kg

HANDSET/HANDSFREE**WALL MOUNTING****IP66****- 40°C to + 70°C****VOIP-LINE LENGTH:
UP TO 250 METRES**

Option:
Remote Monitoring by
ASTRO System Manager

P/N D001170

TAS2000 VOIP HOT-LINE



- HOT-LINE System without IP-PBX
- Up to 8 industrial TAS2000 VOIP HOT-LINE phones connected together
- When one phone is unhooked then all the other phones of the system will ring
- External ringers and beacons can be added as an option
- Any unhooked phone causes the system ring to stop and is added to the "CONFERENCE" conversation (Party-Line)
- Metallic spring protection for telephone cord

dimensions (W x H x D) 230,0 x 270,0 x 140,0 mm

weight 5,9 kg

HANDSET**WALL MOUNTING****IP66****- 40°C to + 70°C****VOIP-LINE LENGTH:
UP TO 250 METRES**

Option:
Remote Monitoring by
ASTRO System Manager

P/N 7111190

TTS20 VOIP IN RFI HOUSING



TTS20 VoIP telephone set housed in RFI weatherproof box

Note: the ringtone is audible only when the door is open. If necessary, it is possible to install the relevant outside ringer.

HANDSET**WALL MOUNTING**

P/N D001166

CRUISE SHIP PAGA ACCESS PANEL



Cruise ship VoIP PAGA ACCESS PANEL 8 keys

HANDSFREE**WALL MOUNTING****IP66****0°C to + 70°C**

Option:
Remote Monitoring by
ASTRO System Manager

VoIP

WEATHERPROOF

P/N 71331xf

TASVOICE 80x CUSTOMIZED ON-BOARD PHONE UNIT



Driver telephone for Metro & Railways

SOS / VoIP Emergency Call Point for Railway applications

Family of Products expressly manufactured according to Customer specifications.

HANDSET

FLUSH MOUNTING

IP65

- 40°C to + 70°C

*Option:
Remote Monitoring by
ASTRO System Manager*

P/N 71331yf

TASVOICE 80x CUSTOMIZED ON-BOARD PHONE UNIT COMPLIANT 50155



Driver telephone for Metro & Railways

SOS / VoIP Emergency Call Point for Railway applications

Family of Products expressly manufactured according to Customer specifications.

HANDSET

FLUSH MOUNTING

IP65

- 40°C to + 70°C

*Option:
Remote Monitoring by
ASTRO System Manager*

VoIP

EXPLOSION-PROOF

P/N 7134401

TAS2000 VOIP-Ex 22K-2L-TEL



Explosion-proof VoIP Telephone/Intercom Station with handset

- SIP protocol • PoE compatible
- IP66 protection class • ATEX certified for Zone 1 - Zone 21
- Standard keyboard
- 4 memory keys for direct calls • 4 service keys • 2 lights
- Volume adjusting +/- keys
- Metallic spring protection for telephone cord

ATEX Approval:

II 2G Ex eb mb ib IIC T6, T5 Gb

II 2D Ex tb IIIC T85°C, T100°C Db

Certificate of Conformity: IECEx IMQ 13.0010.01

dimensions (W x H x D) 230,0 x 270,0 x 140,0 mm

weight 6,0 kg

HANDSET**WALL MOUNTING****IP66**

- 40°C to +40°C

- 40°C to +55°C

ATEX and IECEx**VOIP-LINE LENGTH:
UP TO 180 METRES***Option:**Remote Monitoring by
ASTRO System Manager*

P/N 7134404R

TAS2000 VOIP-Ex 1K-2L-RED



Explosion-proof VoIP Intercom Station with handset

- SIP protocol • PoE compatible
- IP66 protection class • ATEX certified for Zone 1 - Zone 21
- 1 ALARM/EMERGENCY call
- 2 lights (green & red)
- Metallic spring protection for telephone cord

ATEX Approval:

II 2G Ex eb mb ib IIC T6, T5 Gb

II 2D Ex tb IIIC T85°C, T100°C Db

Certificate of Conformity: IECEx IMQ 13.0010.01

dimensions (W x H x D) 230,0 x 270,0 x 140,0 mm

weight 6,0 kg

HANDSET**WALL MOUNTING****IP66**

- 40°C to +40°C

- 40°C to +55°C

ATEX and IECEx**VOIP-LINE LENGTH:
UP TO 180 METRES***Option:**Remote Monitoring by
ASTRO System Manager*

P/N 7134402

TAS2000 VOIP-Ex 6K-2L-MX1



Explosion-proof VoIP Intercom Station with handset

- SIP protocol • PoE compatible
- IP66 protection class • ATEX certified for Zone 1 - Zone 21
- 1 general call • 1 conversation line
- 3 alarm keys • 2 lights
- Volume adjusting +/- keys
- Metallic spring protection for telephone cord

ATEX Approval:

II 2G Ex eb mb ib IIC T6, T5 Gb

II 2D Ex tb IIIC T85°C, T100°C Db

Certificate of Conformity: IECEx IMQ 13.0010.01

dimensions (W x H x D) 230,0 x 270,0 x 140,0 mm

weight 6,0 kg

HANDSET**WALL MOUNTING****IP66**

- 40°C to +40°C

- 40°C to +55°C

ATEX and IECEx**VOIP-LINE LENGTH:
UP TO 180 METRES***Option:**Remote Monitoring by
ASTRO System Manager*

P/N 7134403

TAS2000 VOIP-Ex 11K-6L-MX2



Explosion-proof VoIP Intercom Station with handset

- SIP protocol • PoE compatible
- IP66 protection class • ATEX certified for Zone 1 - Zone 21
- 1 general call • 5 conversation lines
- 3 alarm keys • 6 lights
- Volume adjusting +/- keys
- Metallic spring protection for telephone cord

ATEX Approval:

II 2G Ex eb mb ib IIC T6, T5 Gb

II 2D Ex tb IIIC T85°C, T100°C Db

Certificate of Conformity: IECEx IMQ 13.0010.01

dimensions (W x H x D) 230,0 x 270,0 x 140,0 mm

weight 6,0 kg

HANDSET**WALL MOUNTING****IP66**

- 40°C to +40°C

- 40°C to +55°C

ATEX and IECEx**VOIP-LINE LENGTH:
UP TO 180 METRES***Option:**Remote Monitoring by
ASTRO System Manager*

VoIP

EXPLOSION-PROOF

P/N 7134405

TAS2000 VOIP-Ex 9K-7L-PTB



TAS2000 VoIP-Ex 9K-7L-PTB is a dual-use, wall mount VoIP intercom station

- SIP protocol • PoE compatible
- IP66 protection class • ATEX certified for Zone 1 - Zone 21
- 5 line keys • TalkBack & Page buttons • 2 lights
- Volume adjusting +/- keys
- Standard length (1m) headset cable

ATEX Approval:

II 2G Ex eb mb ib IIC T6, T5 Gb

II 2D Ex tb IIIC T85°C, T100°C Db

Certificate of Conformity: IECEx IMQ 13.0010.01

dimensions (W x H x D) 230,0 x 270,0 x 140,0 mm

weight 6,0 kg

HANDSET

WALL MOUNTING

IP66

- 40°C to + 55°C

ATEX and IECEx

**VOIP-LINE LENGTH:
UP TO 180 METRES**

Option:

*Remote Monitoring by
ASTRO System Manager*

P/N 7134406

TAS2000 VOIP-Ex 9K-7L-PTBL



TAS2000 VoIP-Ex 9K-7L-PTBL is a dual-use, wall mount VoIP intercom station

- SIP protocol • PoE compatible
- IP66 protection class • ATEX certified for Zone 1 - Zone 21
- 5 line keys • TalkBack & Page buttons • 2 lights
- Volume adjusting +/- keys
- Extended length (3m) headset cable

ATEX Approval:

II 2G Ex eb mb ib IIC T6, T5 Gb

II 2D Ex tb IIIC T85°C, T100°C Db

Certificate of Conformity: IECEx IMQ 13.0010.01

dimensions (W x H x D) 230,0 x 270,0 x 140,0 mm

weight 6,0 kg

HANDSET

WALL MOUNTING

IP66

- 40°C to + 55°C

ATEX and IECEx

**VOIP-LINE LENGTH:
UP TO 180 METRES**

Option:

*Remote Monitoring by
ASTRO System Manager*

Analog

INDOOR

P/N 7148842

AXC500/BCA



The AXC500/BCA miniature telephone is a very small device specially designed for the use with a headset.
AXC500/BCA must to be completed with the preferred type of headset or possibly a corresponding conventional handset.
A steel headset holder to be inserted in the relevant hooks is provided in order to store the headset when it is not being worn.

The AXC500/BCA is compatible with the following headsets:

- THS1000TC1 (P/N 7148818)
- THS1000L/2NQ (P/N 7148835)
- THS1000 V2 (P/N 7148852)

dimensions (W x H x D) 75,0 x 116,0 x 43,0 mm

weight 150 g

HANDSET/HANDSFREE

DESK MOUNTING

P/N 7148846

AXC500/BC



Universal amplifier/adaptor for connecting a headset directly to the analog, urban or PABX telephone line.

- Line seizing button (ON/OFF) • Listening volume adjustment
- Microphone volume adjustment • Mute button
- Socket for additional listening or recording
- No battery required • Basic model, particularly space-saving

The AXC500/BC is compatible with the following headsets:

- THS1000TC1 (P/N 7148818)
- THS1000L/2NQ (P/N 7148835)
- THS1000 V2 (P/N 7148852)

dimensions (W x H x D) 75,0 x 116,0 x 43,0 mm

weight 150 g

DESK MOUNTING

P/N 7148841

AXC1000/BC



Universal amplifier/adaptor for connecting a headset directly to the analog, urban or PABX telephone line.

- Line seizing button (ON/OFF) • Listening volume adjustment
- Microphone volume adjustment • Mute button
- Socket for additional listening or recording
- No battery required • Extra small footprint model

The AXC1000/BC is compatible with the following headsets:

- THS1000TC1 (P/N 7148818)
- THS1000L/2NQ (P/N 7148835)
- THS1000 V2 (P/N 7148852)

dimensions (W x H x D) 83,0 x 131,0 x 40,0 mm

weight 150 g

DESK MOUNTING

P/N 7148818

THS1000TC1



THS1000TC1 is a prestigious single-ear headset with a noise-cancelling microphone supported by an elegant steel tube rod with ball joint.
This headset has plastic parts coloured metallic blue and has an adjustable headband made of black anodised steel.
It is light and comfortable and therefore particularly suitable for call centre operators in the same room, taking advantage of the microphone's noise-reducing characteristics.

- Ultra-light single-ear version
- Noise-cancelling microphone

HANDSFREE

Analog

INDOOR

P/N 7148865

QD/RJ9 CORD



Universal QD/RJ9 coiled cable, equipped with an 8-position compatibility switch to prepare the cabling for operation of the headset with all common existing equipment. Equipped with "quick disconnect" connector at one end and RJ9 connector at the other, extendable from 1.5 to 2.5 metres.

The cable is fitted with RJ9 plug and switch for universal wiring.

Analog

WEATHERPROOF

P/N 7132670

TAS360 VOX 4M/T



Analog ACB weatherproof and vandalproof handsfree telephone

- IP66 protection
- Die-cast "copper free" aluminium alloy case
- 24 keys (full 12-key keyboard + 8 function keys + 4 programmable memory keys) + 1 light

HANDSFREE

WALL MOUNTING

IP66

- 20°C to + 70°C

*Option:
Remote Monitoring by
ASTRO System Manager*

dimensions (W x H x D) 120,0 x 360,0 x 100,0 mm

weight 3,8 kg

P/N 7132671

TAS360 VOX 1M/ST



Analog ACB weatherproof and vandalproof handsfree telephone

- IP66 protection
- Die-cast "copper free" aluminium alloy case
- 1 programmable call key + 1 light

HANDSFREE

WALL MOUNTING

IP66

- 20°C to + 70°C

*Option:
Remote Monitoring by
ASTRO System Manager*

dimensions (W x H x D) 120,0 x 360,0 x 100,0 mm

weight 3,8 kg

P/N 7132673

TAS360 VOX 1M/ST GREY



Analog ACB weatherproof and vandalproof handsfree telephone

- IP66 protection
- Die-cast "copper free" aluminium alloy case
- 1 programmable call key + 1 light
- RAL7001

HANDSFREE

WALL MOUNTING

IP66

- 20°C to + 70°C

*Option:
Remote Monitoring by
ASTRO System Manager*

dimensions (W x H x D) 120,0 x 360,0 x 100,0 mm

weight 3,8 kg

P/N 7132679

TAS360VOX 1M + I/O



Analog ACB weatherproof and vandalproof handsfree telephone

- IP66 protection
- Die-cast "copper free" aluminium alloy case
- 1 programmable call key + 1 light
- I/O card with 2 relays (to switch door lock, lights, etc.) for remote or local control through programmable codes (P/N 7133676)

HANDSFREE

WALL MOUNTING

IP66

- 40°C to + 70°C

*Option:
Remote Monitoring by
ASTRO System Manager*

dimensions (W x H x D) 120,0 x 360,0 x 100,0 mm

weight 3,8 kg

Analog

WEATHERPROOF

P/N 7132693

TAS360 VOX 1M/ST+I/O+MUSHROOM BOX FOR DLT - TCR



Analog ACB weatherproof and vandalproof handsfree telephone

- IP66 protection
- Die-cast "copper free" aluminium alloy case
- 1 programmable call key + 1 light
- I/O card with 2 relays (to switch door lock, lights, etc.) for remote or local control through programmable codes
- Mushroom box for DLT - TCR

HANDSFREE

WALL MOUNTING

IP66

- 20°C to + 70°C

*Option:
Remote Monitoring by
ASTRO System Manager*

dimensions (W x H x D) 120,0 x 640,0 x 143,0 mm

P/N 7132xyy

TAS360 VOX 1M/ST+I/O+MUSHROOM BOX FOR DLT - TCR + BLUE LIGHT



Analog ACB weatherproof and vandalproof handsfree telephone

- IP66 protection
- Die-cast "copper free" aluminium alloy case
- 1 programmable call key + 1 light
- 1 Blue light flashing lamp
- I/O card with 2 relays (to switch door lock, lights, etc.) for remote or local control through programmable codes
- Mushroom box for DLT - TCR

HANDSFREE

WALL MOUNTING

IP66

- 20°C to + 70°C

*Option:
Remote Monitoring by
ASTRO System Manager*

P/N 7132674

TAS360 VOX 4M/ST



Analog ACB weatherproof and vandalproof handsfree telephone

- IP66 protection
- Die-cast "copper free" aluminium alloy case
- 4 programmable call keys + 1 light

HANDSFREE

WALL MOUNTING

IP66

- 20°C to + 70°C

*Option:
Remote Monitoring by
ASTRO System Manager*

dimensions (W x H x D) 120,0 x 360,0 x 100,0 mm

weight 3,8 kg

P/N 7132675

TAS360 VOX 4M/FM



Analog ACB weatherproof and vandalproof handsfree telephone

- IP66 protection
- Die-cast "copper free" aluminium alloy case
- Flush mounting
- 4 programmable call keys (special for SOS tunnel cabinets)

HANDSFREE

FLUSH MOUNTING

IP66

- 20°C to + 70°C

*Option:
Remote Monitoring by
ASTRO System Manager*

dimensions (W x H x D) 120,0 x 360,0 x 90,0 mm

weight 3,8 kg

Analog

WEATHERPROOF

P/N 7132678

TAS360 VOX 8M



Analog ACB weatherproof and vandalproof handsfree telephone

- IP66 protection
- Die-cast "copper free" aluminium alloy case
- 8 programmable call keys + 1 light

HANDSFREE

WALL MOUNTING

IP66

- 20°C to + 70°C

*Option:
Remote Monitoring by
ASTRO System Manager*

dimensions (W x H x D) 120,0 x 360,0 x 100,0 mm

weight 3,8 kg

P/N 7132645

RELAY & AMPLIFIER CARD

Accessory for 900 series telephones



Card equipped with 2 relays and amplifier

- Remote or local control through programmable codes
- Also fitted with amplifier for internal or external loudspeaker

A local 12VDC power source is required.

dimensions (W x H) 65,0 x 95,0 mm

weight 50 g

Analog

WEATHERPROOF

P/N 7132712

TASVOX 1M/GRP



Analog telephone for wall mount installation

- Weatherproof IP65 GRP housing
- Handsfree
- Full-Duplex conversation
- 1 direct SOS call key

HANDSFREE

WALL MOUNTING

IP65

0°C to + 45°C

dimensions (W x H x D) 120,0 x 380,0 x 170,0 mm

weight 2,4 kg

*Option:
Remote Monitoring by
ASTRO System Manager*

P/N 7132710

TASVOX 1M/GRP-IL



Analog telephone for wall mount installation

- Weatherproof IP65 GRP housing
- Handsfree
- Full-Duplex conversation
- 1 direct SOS call key

HANDSFREE

WALL MOUNTING

IP65

0°C to + 45°C

* Embedded "Inductor Loop" for passengers with hearing difficulties *

dimensions (W x H x D) 120,0 x 380,0 x 170,0 mm

weight 1,5 kg

*Option:
Remote Monitoring by
ASTRO System Manager*

P/N 7132711

TASVOX 1M/GRP-IL + I/O



Analog telephone for wall mount installation

- Weatherproof IP65 GRP housing
- Handsfree
- Full-Duplex conversation
- 1 direct SOS call key

HANDSFREE

WALL MOUNTING

IP65

0°C to + 45°C

* Embedded "Inductor Loop" for passengers with hearing difficulties and relay electronic card (P/N 7133676) to perform the remote opening of a door or driving strobes *

dimensions (W x H x D) 120,0 x 380,0 x 170,0 mm

weight 1,5 kg

*Option:
Remote Monitoring by
ASTRO System Manager*

P/N 7132731

TASVOX SOS GSM GRP



Analog GSM telephone for wall mount installation

- Weatherproof IP65 GRP housing
- Handsfree conversation
- Ringing sound intensity: >80dB(A) at 1m (adjustable)
- Large mushroom head direct SOS call key
- Up to 8 programmable SOS telephone numbers
- GSM module: GSM/GPRS Quad-Band 850/900/1800/1900 MHz
- Battery operation in stand-by mode: approx. 6 hours
- Optional GSM/3G external antenna, with 3 metres cable, fitted with male SMA connector (P/N 7128161)

HANDSFREE

WALL MOUNTING

IP65

0°C to + 45°C

dimensions (W x H x D) 120,0 x 454,0 x 160,0 mm

weight 1,5 kg

Analog

WEATHERPROOF

P/N 7132731x

TASVOX SOS GSM GRP + EXTERNAL ANTENNA + AP14N LOUDSPEAKER



Analog GSM telephone equipped with external antenna and internal booster to connect an AP14N loudspeaker

- Weatherproof IP65 GRP housing
- Handsfree conversation
- Ringing sound intensity: >80dB(A) at 1m (adjustable)
- Large mushroom head direct SOS call key
- Up to 8 programmable SOS telephone numbers
- GSM module: GSM/GPRS Quad-Band 850/900/1800/1900 MHz
- GSM/3G external antenna with 3 metres cable
- Battery operation in stand-by mode: approx. 6 hours

weight 3,5 kg

HANDSFREE

WALL MOUNTING

Analog

WEATHERPROOF

P/N 7133603S

TASVOX 916S



Analog ACB telephone

- Flush mounting - weatherproof 2mm thick stainless steel plate
- IP65 protection
- 16 keys (full 12-key keyboard and 4 function keys)

HANDSFREE

FLUSH MOUNTING

IP65

- 20°C to + 70°C

dimensions (W x H x D) 100,0 x 252,0 x 64,0 mm

weight 975 g

*Option:
Remote Monitoring by
ASTRO System Manager*

P/N 7133600S

TASVOX 901S



Analog ACB telephone

- Flush mounting - weatherproof 2 mm thick stainless steel plate
- IP65 protection
- 1 programmable call key

HANDSFREE

FLUSH MOUNTING

IP65

- 20°C to + 70°C

dimensions (W x H x D) 100,0 x 252,0 x 64,0 mm

weight 865 g

*Option:
Remote Monitoring by
ASTRO System Manager*

P/N 7133607S

TASVOX 901S + I/O



Analog ACB telephone

- Flush mounting - weatherproof 2 mm thick stainless steel plate
- IP65 protection
- 1 programmable call key
- I/O card with 2 relays (to switch door lock, lights, etc.) for remote or local control through programmable codes

HANDSFREE

FLUSH MOUNTING

IP65

- 20°C to + 70°C

dimensions (W x H x D) 100,0 x 252,0 x 64,0 mm

weight 865 g

*Option:
Remote Monitoring by
ASTRO System Manager*

P/N 7133605

TASVOX 901/IST



Analog ACB telephone

- Flush mounting
- IP65 protection
- 1 programmable call key
- I/O card with 2 relays (to switch door lock, lights, etc.) for remote or local control through programmable codes

* Special execution for Istanbul Metro Project *

HANDSFREE

FLUSH MOUNTING

IP65

- 20°C to + 70°C

dimensions (W x H x D) 100,0 x 252,0 x 64,0 mm

weight 892 g

*Option:
Remote Monitoring by
ASTRO System Manager*

Analog

WEATHERPROOF

P/N 7133605T

TASVOX 901T/IST



- Analog ACB telephone coated with moisture protective paint
- Flush mounting
 - IP65 protection
 - 1 programmable call key
 - I/O card with 2 relays (to switch door lock, lights, etc.) for remote or local control through programmable codes

* Special execution for Istanbul Metro Project *

HANDSFREE

FLUSH MOUNTING

IP65

- 40°C to + 70°C

dimensions (W x H x D) 100,0 x 252,0 x 64,0 mm

weight 892 g

P/N 7133601S

TASVOX 904S



- Analog ACB telephone
- Flush mounting - weatherproof 2 mm thick stainless steel plate
 - IP65 protection
 - 4 programmable call keys

HANDSFREE

FLUSH MOUNTING

IP65

- 20°C to + 70°C

*Option:
Remote Monitoring by
ASTRO System Manager*

dimensions (W x H x D) 100,0 x 252,0 x 64,0 mm

weight 865 g

P/N 7133602S

TASVOX 908S



- Analog ACB telephone
- Flush mounting - weatherproof 2 mm thick stainless steel plate
 - IP65 protection
 - 8 programmable call keys

HANDSFREE

FLUSH MOUNTING

IP65

- 20°C to + 70°C

*Option:
Remote Monitoring by
ASTRO System Manager*

dimensions (W x H x D) 100,0 x 252,0 x 64,0 mm

weight 865 g

P/N 7133004

PROTRUDING CASE

Accessory for 900 series telephones



Natural anodized aluminium case for protruding wall mounting

dimensions (W x H x D) 105,0 x 258,0 x 70,0 mm

weight 455 g

Analog

WEATHERPROOF

P/N 7133005

PROTRUDING CANOPY

Accessory for 900 series telephones



- Protruding aluminium roof
- To be added to the flush mounting telephone plate

dimensions (W x H x D) 105,0 x 258,0 x 30,0 mm

P/N 7133006

PROTRUDING CASE

Accessory for 900 series telephones



- Anodized aluminium case for protruding wall mounting
- Built-in roof for a higher protection from bad weather

dimensions (W x H x D) 105,0 x 258,0 x 100,0 mm

weight 535 g

P/N 7133800

DESK CASE

Accessory for 900 series telephones



- Desk case
- Natural anodized aluminium; black base
 - Equipped with screws for mounting telephones of the 900 series

dimensions (W x H x D) 105,0 x 265,0 x 160,0 mm

weight 350 g

P/N 7133644

OPTIONAL AMPLIFIER CARD

Accessory for 900 series telephones



On-board amplifier for increasing the output volume of the internal loudspeaker or to connect an external loudspeaker.

A local 12VDC power source is required.

dimensions (W x H) 30,0 x 50,0 mm

weight 50 g

P/N 7133676

RELAY CARD

Accessory for 900 series telephones



Card equipped with 2 relays (to switch door lock, lights, etc.) for remote or local control through programmable codes.

Contact range on resistive load:

- maximum switchable power: 60W (DC) - 1250VA (AC)
- maximum switchable voltage: 110VDC - 250VAC
- maximum switchable current: 2A (DC) - 2A (AC)

The range shall be reduced according to the inductive or capacitive load.

A local 12VDC power source is required.

dimensions (W x H) 27,0 x 65,0 mm

weight 50 g

Analog

WEATHERPROOF

P/N 7133551

TASVOX 240



Analog telephone for flush mounting installation built on weatherproof IP65 stainless steel AISI 304 plate and IP65 rear protection.

- Handsfree conversation
- Vandal-proof equipped with 1 direct SOS call key

HANDSFREE

FLUSH MOUNTING

IP65

- 40°C to + 70°C

*Option:
Remote Monitoring by
ASTRO System Manager*

dimensions (W x H x D) 100,0 x 252,0 x 64,0 mm

weight 930 g

P/N 7133552

TASVOX 215



Analog telephone for flush mounting installation built on weatherproof IP65 stainless steel AISI 304 plate and IP65 rear protection.

- Handsfree conversation
- Vandal-proof equipped with 1 direct SOS call key

HANDSFREE

FLUSH MOUNTING

IP65

- 20°C to + 70°C

*Option:
Remote Monitoring by
ASTRO System Manager*

dimensions (W x H x D) 110,0 x 294,0 x 57,0 mm

weight 1,55 kg

Analog

WEATHERPROOF

P/N 7133502

TASVOX 952/IL



Analog telephone for flush mount installation built on weatherproof IP66 aluminium plate and IP66 rear protection.

- Handsfree conversation
- Vandal-proof equipped with 1 direct SOS call key and 1 direct INFO call key
- It is configured with the additional "Inductor Loop" device in order to support the communication with people with a hearing aid

HANDSFREE

FLUSH MOUNTING

IP66

- 20°C to + 70°C

*Option:
Remote Monitoring by
ASTRO System Manager*

dimensions (W x H x D) 195,0 x 330,0 x 81,0 mm

weight 1,97 kg

P/N 7133900

WALL CASE FOR TASVOX & TASVOIP 95X SERIES PHONES

Wall case for TASVOX & TASVOIP 95X series telephone sets

FLUSH MOUNTING

dimensions (W x H x D) 280,0 x 400,0 x 88,0 mm

P/N 7133550

TASVOX 961/SOS



Analog telephone for flush mounting installation built on weatherproof IP66 stainless steel AISI304 plate and IP66 rear protection.

- Vandal-proof equipped with 1 direct EMERGENCY call key
- Handsfree conversation

HANDSFREE

FLUSH MOUNTING

IP66

- 20°C to + 70°C

*Option:
Remote Monitoring by
ASTRO System Manager*

dimensions (W x H x D) 155,0 x 275,0 x 75,0 mm

weight 1,35 kg

P/N 7133550x

TASVOX 961/SOS GSM + EXTERNAL ANTENNA



Analog GSM telephone for flush mounting installation built on weatherproof IP66 stainless steel AISI304 plate and IP66 rear protection.

- Vandal-proof equipped with 1 direct EMERGENCY call key
- GSM/3G external antenna with 3 metres cable and SMA connector
- Power supply: 12VDC - 1A
- Ringing sound intensity: >80dB(A) at 1m (adjustable)
- Up to 8 programmable SOS telephone numbers
- GSM module: GSM/GPRS Quad-Band 850/900/1800/1900 MHz
- Battery operation in stand-by mode: approx. 6 hours

HANDSFREE

FLUSH MOUNTING

IP66

- 20°C to + 70°C

dimensions (W x H x D) 155,0 x 275,0 x 75,0 mm

weight 1,35 kg

Analog

WEATHERPROOF

P/N 71335xx

TASVOX 962



- Analog ACB telephone for flush mount installation built on stainless steel AISI304 weatherproof IP66 plate.
- Protection against external mechanical impacts IK07 (EN62262)
- Handsfree conversation
- Vandal-proof equipped with 2 direct call keys (INFO-SOS)

HANDSFREE

FLUSH MOUNTING

IP66

- 40°C to + 70°C

dimensions (W x H x D) 155,0 x 275,0 x 75,0 mm

weight 1,35 kg

*Option:
Remote Monitoring by
ASTRO System Manager*

P/N 7133984

WALL BOX

Accessory for 961 and 962 series telephones



Stainless steel case for wall mounting of 961 and 962 telephone sets series, as an alternative to standard flush mounting.

WALL MOUNTING

dimensions (W x H x D) 182,0 x 360,0 x 80,5 mm

weight 2,68 kg

Analog

WEATHERPROOF

P/N 7133623

TASVOX 1004



Analog ACB telephone

- Flush mounting
- Weatherproof INOX steel plate
- IP66 protection
- 4 programmable call keys

HANDSFREE

FLUSH MOUNTING

IP66

- 20°C to + 70°C

*Option:
Remote Monitoring by
ASTRO System Manager*

dimensions (W x H x D) 180,0 x 260,0 x 57,0 mm

weight 1,45 kg

P/N 7133612

TASVOX 1012 IMS



Analog ACB telephone

- Flush mounting
- Weatherproof INOX steel plate
- IP66 protection
- 12 keys
- Special version for SOS housings for Switzerland railways
- Suitable for installations within special weatherproof housings where the manual off-hook of the telephone can be carried out by opening a small door

HANDSFREE

FLUSH MOUNTING

IP66

- 20°C to + 70°C

*Option:
Remote Monitoring by
ASTRO System Manager*

dimensions (W x H x D) 180,0 x 260,0 x 82,0 mm

weight 1,45 kg

P/N 7133621

TASVOX 1004/ST



Analog ACB emergency telephone

- Flush mounting
- Weatherproof INOX steel plate
- IP66 protection
- No keys, but able to be connected up to 4 programmable external keys
- Special version for SOS housings for road tunnels
- Back cover kit and accessories available on request

HANDSFREE

FLUSH MOUNTING

IP66

- 20°C to + 70°C

*Option:
Remote Monitoring by
ASTRO System Manager*

dimensions (W x H x D) 180,0 x 260,0 x 57,0 mm

weight 1,45 kg

P/N 7133625

TASVOX 1001/ST DUAL BUS



Analog ACB emergency telephone suitable for connection of up to 2 PSTN analog lines in "Bus" configuration (several devices sharing a single telephone line with exclusive access)

- Flush mounting • IP66 2mm thick anti-vandal and stainless steel plate
- Handsfree & full-duplex conversation
- Version without buttons, with plug-in terminals for connecting an external call button
- Calling device identification via DTMF protocol (FITRE ASTRO Server is required)
- Automatic hang-up at the end of conversation
- Back cover kit and accessories available on request

HANDSFREE

FLUSH MOUNTING

IP66

- 20°C to + 70°C

*Option:
Remote Monitoring by
ASTRO System Manager*

dimensions (W x H x D) 180,0 x 260,0 x 57,0 mm

weight 1,0 kg

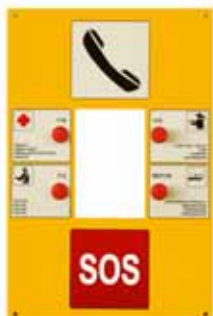
Analog

WEATHERPROOF

P/N 7133028

PLATE

Accessory for 1000 series telephones



Aluminium face plate 3mm thickness

- Painted yellow RAL1023
- Equipped with 4 mushroom push buttons and screen printed symbols "Ambulance", "Fire", "Police", "Breakdown"
- For installation of a telephone type TASVOX or TASVOIP 1004 series in a SOS tunnel cabinet

HANDSFREE

FLUSH MOUNTING

dimensions (W x H x D) 496,0 x 748,0 x 3,0 mm

Analog

WEATHERPROOF

P/N 7133541

TASVOX 951L/SOS



Tamper-proof handsfree telephone with automatic pre-set calls

Designed to meet the application needs required by industrial and public address communication environments, in particular for all those applications where, in case of emergency, it is necessary to call emergency stations by selecting, through the simple pressing of a single button, one or more previously stored numbers.

- Required line voltage (telephone set in stand-by): 24÷60VDC
- Required line current (engaged line): 18÷60mA (recommended 25÷50mA)

dimensions (W x H x D) 170,0 x 365,0 x 135,0 mm

weight 1,87 kg

HANDSFREE

FLUSH MOUNTING

IP65

P/N 7133xxx

TASVOX 951L-GSM-SOS + EXTERNAL ANTENNA



Analog GSM telephone flush mounting installation

- Power supply: 12VDC / 1A
- Weatherproof IP65 2mm stainless steel plate with protruding canopy
- Handsfree conversation
- Ringing sound intensity: >80dB(A) at 1m
- Large mushroom head direct SOS call key
- Up to 8 programmable SOS telephone numbers
- GSM module: GSM/GPRS Quad-Band 850/900/1800/1900 MHz
- GSM/3G external antenna with 3 metres cable
- Conversation working time with battery: 90 minutes

dimensions (W x H x D) 170,0 x 365,0 x 135,0 mm

weight 1,87 kg

HANDSFREE

FLUSH MOUNTING

IP65

- 40°C to + 70°C

P/N J7132882

LEVER CALL MODULE



Weatherproof lever call module with optical visualization suitable for:

- TAS360 VOX analog ACB weatherproof telephone set (P/N 7132690)
- TTS23-2T weatherproof emergency telephone set for Fire Brigade emergency intercom system (P/N 7111502)

dimensions (W x H x D) 63,0 x 63,0 x 60,0 mm

weight 220 g

P/N 7132690

TAS360 VOX L-1M + I/O

Analog ACB weatherproof telephone set fitted with lever call module (P/N J7132882) and I/O card (P/N 7133676)

- Full duplex handsfree
- Die-cast "copper free" aluminium alloy case

dimensions (W x H x D) 120,0 x 360,0 x 100,0 mm

weight 4,1 kg

HANDSFREE

WALL MOUNTING

IP66

- 40°C to + 70°C

Analog

WEATHERPROOF

P/N 7111440

TASVOX 916 IN RFI HOUSING



TASVOX 916 handsfree ACB analog telephone set housed in RFI weatherproof box

Note: the ringtone is audible only when the door is open. If necessary, it is possible to install the relevant outside ringer.

HANDSFREE

WALL MOUNTING

Analog

WEATHERPROOF

P/N 7133639

SANIVOX 918S



Analog ACB telephone for clean rooms

- Flush mounting
- IP66 weatherproof front surface without holes and fully washable by common detergents or bactericidals
- Standard keyboard
- 2 memory keys
- Adjustable receiver volume
- Slim thickness 34mm depth only

HANDSFREE

FLUSH MOUNTING

IP66

- 20°C to + 70°C

*Option:
Remote Monitoring by
ASTRO System Manager*

dimensions (W x H x D) 125,0 x 280,0 x 34,0 mm

weight 800 g

P/N 7133626

SANIVOX 901S



Analog ACB telephone for clean rooms

- Flush mounting
- IP66 weatherproof front surface without holes and fully washable by common detergents or bactericidals
- 1 memory key
- Slim thickness 34mm depth only

HANDSFREE

FLUSH MOUNTING

IP66

- 20°C to + 70°C

*Option:
Remote Monitoring by
ASTRO System Manager*

* Product manufactured upon request. MOQ 25 pcs *

dimensions (W x H x D) 125,0 x 280,0 x 34,0 mm

weight 800 g

P/N 7133627

SANIVOX 904S



Analog ACB telephone for clean rooms

- Flush mounting
- IP66 weatherproof front surface without holes and fully washable by common detergents or bactericidals
- 4 memory keys
- Slim thickness 34mm depth only

HANDSFREE

FLUSH MOUNTING

IP66

- 20°C to + 70°C

*Option:
Remote Monitoring by
ASTRO System Manager*

* Product manufactured upon request. MOQ 25 pcs *

dimensions (W x H x D) 125,0 x 280,0 x 34,0 mm

weight 800 g

P/N 7133628

SANIVOX 908S



Analog ACB telephone for clean rooms

- Flush mounting
- IP66 weatherproof front surface without holes and fully washable by common detergents or bactericidals
- 8 memory keys
- Slim thickness 34mm depth only

HANDSFREE

FLUSH MOUNTING

IP66

- 20°C to + 70°C

*Option:
Remote Monitoring by
ASTRO System Manager*

* Product usually available ex-stock *

dimensions (W x H x D) 125,0 x 280,0 x 34,0 mm

weight 800 g

Analog

WEATHERPROOF

P/N 8131931

BACK-BOX

Accessory for decontaminable telephones



Galvanized steel back-box for concrete wall installation of SANIVOX-SANIVOIP series telephone sets.

- 0,8mm thick (also available with 0,7mm thickness on request)

It is not necessary for installation on metal, plastic panels or sandwich panels.

WALL MOUNTING

dimensions (W x H x D) 107,0 x 265,0 x 56,0 mm

weight 400 g

P/N 7133060

BACK-BOX

Accessory for decontaminable telephones



Stainless steel back-box for surface installation of SANIVOX-SANIVOIP series telephone sets as alternative to the flush mounting installation.

WALL MOUNTING

dimensions (W x H x D) 135,0 x 290,0 x 36,5 mm

weight 440 g

P/N 7133987

INSTALLATION KIT FOR SANIVOX/SANIVOIP

Installation and repositioning kit for SANIVOX and SANIVOIP series telephone sets.

Analog

WEATHERPROOF

P/N 7426100

TSF100 INTERCOM ALARM FOR ELEVATOR CAB ROOF



Terminal designed for connection to PSTN (or analog internal of PABX)

- Remotely diagnosed.
- Panic comfort messages
- Cyclic test call
- Acoustic performance in the cabin equal to 90dB/1m
- Power supply: 230VAC
- Backup battery: 12VDC - 2,2Ah (lead gel)
- Selection mode: multifrequency
- Stand-by line voltage required: 24÷60VDC
- Relative humidity: max. 95%

- 5°C to + 45°C

dimensions (W x H x D) 205,0 x 262,0 x 95,0 mm

weight 3,8 kg

P/N 7426102

TSF102 ELEVATOR INTERCOM UNIT FOR MAINTENANCE



PIT ALARM button + PIT MICROPHONE with 6m connection cable and connector.

dimensions (W x H x D) 56,0 x 90,0 x 23,0 mm

weight 225 g

P/N 7426103

TSF103 MICROPHONE



Microphone with 3m cable for communication in the lift cabin

weight 130 g

P/N 2611205

SHIELDED CABLE FOR TSF103 MICROPHONE



Shielded cable for TSF103 microphone (P/N 7426103)

weight 1,42 kg

Analog

WEATHERPROOF

P/N 7426125

INDUCTOR LOOP

Accessory for LIFTVOX



AFILS system (Audio Frequency Induction Loop System) for TSF100 (P/N 7426100).

- AC/DC power supply with terminal blocks
- Inductor: 2mH
- Constant current amplifier
- Stand-by current: 120µA
- Maximum current consumption: 380mA
- Bandwidth: 100÷5000Hz
- Inhibit signal: 12V, opto-isolated
- Connection cables to TSF100

dimensions (W x H x D) 217,0 x 113,0 x 63,0 mm

P/N 7426140N

TSF140H ELEVATOR INTERCOM UNIT



Horizontal mount cabin unit

Panel complete with microphone and LED for installation in the cabin.

dimensions (W x H x D) 132,0 x 72,0 x 6,0 mm

P/N 7426142NV

TSF140V ELEVATOR INTERCOM UNIT (IT/EN)



Vertical mount cabin unit

Bilingual panel (IT/EN) complete of microphone and LED for installation in the cabin.

dimensions (W x H x D) 72,0 x 132,0 x 6,0 mm

Analog

WEATHERPROOF

P/N 7111502

TTS23-2T (SIBIL VVFF - MM)



- Weatherproof emergency telephone set (SIBIL VVFF - MM)
- Die-cast "copper-free" aluminium alloy case
 - Equipped with 2 lever call modules with optical visualization (P/N J7132882)
 - Special version suitable for Fire Brigade intercom systems:
 - 2-line weatherproof control box with 24VDC power supply (P/N 7111503)
 - 4-line weatherproof control box with 24VDC power supply (P/N 7111510)
 - RAL7001

dimensions (W x H x D) 120,0 x 393,0 x 146,0 mm

weight 3,75 kg

HANDSFREE

WALL MOUNTING

IP67

P/N 7111503

2-LINE WEATHERPROOF CONTROL BOX



2-line weatherproof control box with 24VDC power supply • Special version for Fire Brigade

The system allows the communication between a handsfree intercom type TTS 23-2T (P/N 7111502) and the headset (or handset). Since up to 2 intercoms can be connected, a special switch allows the selection of one or the other TTS 23-2T. Each TTS 23-2T can operate in "handsfree" or in alternative mode, which can be selected with the "push-to-talk" (PTT) lever call module.

dimensions (W x H x D) 253,0 x 225,0 x 100,0 mm

weight 1,1 kg

WALL MOUNTING

IP56

P/N 7111510

4-LINE WEATHERPROOF CONTROL BOX

4-line weatherproof control box with 24VDC power supply • Special version for Fire Brigade

The system allows the communication between a handsfree intercom type TTS 23-2T (P/N 7111502) and the headset (or handset). Since up to 4 intercoms can be connected, a special switch allows the selection of one line or the other, while a second switch selects whether to communicate with one intercom (TTS 23-2T 1A) or the other belonging to the selected line (TTS 23-2T 2A). Each TTS 23-2T can operate in "handsfree" or in alternative mode, which can be selected with the "push-to-talk" (PTT) lever call module.

dimensions (W x H x D) 253,0 x 225,0 x 100,0 mm

weight 1,1 kg

WALL MOUNTING

IP56

Analog

EXPLOSION-PROOF

P/N 7133201

TASVOX AD 1M



Explosion-proof ACB analog telephone

- Light alloy oven-varnished housing
- Full-duplex handsfree
- 1 key for calling a programmable number
- 1 built-in relay
- Sound level of the call: >80dB/1m
- Auto hang-up at the end of conversation on detection of the busy tone
- Possibility of 12VDC power supply for a higher audio quality
- 2 1/2" cable entries
- ATEX Eex d IIB 2G T4

dimensions (W x H x D) 245,0 x 490,0 x 250,0 mm

weight 12,6 kg

HANDSFREE

WALL MOUNTING

IP66

- 20°C to + 70°C

ATEX

VoIP

WEATHERPROOF

P/N 7133160H

TAS360 VOIP 20K-6L-250MT



VoIP weatherproof and vandalproof "powerful - duplex" handsfree (DSP based) telephone.

- IP66 protection
- Die-cast "copper free" aluminium alloy case
- 20 keys (full 12-key keyboard + 4 function keys + 4 programmable memory keys + 6 lights)
- SIP protocol • PoE compatible

HANDSFREE

WALL MOUNTING

IP66

- 40°C to + 70°C

**VOIP-LINE LENGTH:
UP TO 250 METRES**

*Option:
Remote Monitoring by
ASTRO System Manager*

dimensions (W x H x D) 120,0 x 360,0 x 100,0 mm

weight 3,3 kg

P/N 7133160HX

TAS360 VOIP 20K-6L-250MT+AUX



VoIP weatherproof and vandalproof "powerful - duplex" handsfree (DSP based) telephone.

- IP66 protection
- Die-cast "copper free" aluminium alloy case
- 20 keys (full 12-key keyboard + 4 function keys + 4 programmable memory keys + 6 lights)
- SIP protocol • PoE compatible
- Analog audio output card for optional external amplified loudspeakers and voltage free output contact

HANDSFREE

WALL MOUNTING

IP66

- 40°C to + 70°C

**VOIP-LINE LENGTH:
UP TO 250 METRES**

*Option:
Remote Monitoring by
ASTRO System Manager*

dimensions (W x H x D) 120,0 x 360,0 x 100,0 mm

weight 3,3 kg

P/N 7133160HR

TAS360 VOIP 20K-6L-250MT+I/O



VoIP weatherproof and vandalproof "powerful - duplex" handsfree (DSP based) telephone.

- IP66 protection
- Die-cast "copper free" aluminium alloy case
- 20 keys (full 12-key keyboard + 4 function keys + 4 programmable memory keys + 6 lights)
- SIP protocol • PoE compatible
- I/O card (4 ON/OFF or voltage command inputs and 2 output relays)

HANDSFREE

WALL MOUNTING

IP66

- 40°C to + 70°C

**VOIP-LINE LENGTH:
UP TO 250 METRES**

*Option:
Remote Monitoring by
ASTRO System Manager*

dimensions (W x H x D) 120,0 x 360,0 x 100,0 mm

weight 3,3 kg

P/N 7133143H

TAS360 VOIP 1M-250MT



VoIP weatherproof and vandalproof "powerful - duplex" handsfree (DSP based) telephone.

- IP66 protection
- Die-cast "copper free" aluminium alloy case
- 1 memory key
- SIP protocol • PoE compatible

HANDSFREE

WALL MOUNTING

IP66

- 40°C to + 70°C

**VOIP-LINE LENGTH:
UP TO 250 METRES**

*Option:
Remote Monitoring by
ASTRO System Manager*

dimensions (W x H x D) 120,0 x 360,0 x 100,0 mm

weight 3,3 kg

VoIP

WEATHERPROOF

P/N 7133143HX

TAS360 VOIP 1M-250MT+AUX



VoIP weatherproof and vandalproof "powerful - duplex" handsfree (DSP based) telephone.

- IP66 protection
- Die-cast "copper free" aluminium alloy case
- 1 memory key
- SIP protocol • PoE compatible
- Analog audio output card for optional external amplified loudspeakers and voltage free output contact

dimensions (W x H x D) 120,0 x 360,0 x 100,0 mm

weight 3,3 kg

HANDSFREE

WALL MOUNTING

IP66

- 40°C to + 70°C

**VOIP-LINE LENGTH:
UP TO 250 METRES**

*Option:
Remote Monitoring by
ASTRO System Manager*

P/N 7133143HR

TAS360 VOIP 1M-250MT+I/O



VoIP weatherproof and vandalproof "powerful - duplex" handsfree (DSP based) telephone.

- IP66 protection
- Die-cast "copper free" aluminium alloy case
- 1 memory key
- SIP protocol • PoE compatible
- I/O card (4 ON/OFF or voltage command inputs and 2 output relays)

dimensions (W x H x D) 120,0 x 360,0 x 100,0 mm

weight 3,3 kg

HANDSFREE

WALL MOUNTING

IP66

- 40°C to + 70°C

**VOIP-LINE LENGTH:
UP TO 250 METRES**

*Option:
Remote Monitoring by
ASTRO System Manager*

P/N 7133161H

TAS360 VOIP 1M/SOS-250MT



VoIP weatherproof and vandalproof "powerful - duplex" handsfree (DSP based) telephone.

- IP66 protection
- Die-cast "copper-free" aluminium alloy case
- 1 SOS programmable call memory key
- SIP protocol
- PoE compatible

dimensions (W x H x D) 120,0 x 360,0 x 100,0 mm

weight 4,0 kg

HANDSFREE

WALL MOUNTING

IP66

- 40°C to + 70°C

**VOIP-LINE LENGTH:
UP TO 180 METRES**

*Option:
Remote Monitoring by
ASTRO System Manager*

P/N J7132882

LEVER CALL MODULE



Weatherproof lever call module with optical visualization suitable for:

- TAS360 VOX analog ACB weatherproof telephone set (P/N 7132690)
- TTS23-2T weatherproof emergency telephone set for Fire Brigade emergency intercom system (P/N 7111502)

dimensions (W x H x D) 63,0 x 63,0 x 60,0 mm

weight 220 g

VoIP

WEATHERPROOF

P/N 75644xx

TAS360 VOIP L-1M WP V/V + I/O

VoIP weatherproof telephone set fitted with lever call module (P/N J7132882) and I/O card (P/N 7133676)

- Full duplex handsfree
- Die-cast "copper free" aluminium alloy case

HANDSFREE
WALL MOUNTING
IP66
- 40°C to + 70°C
**VOIP-LINE LENGTH:
UP TO 250 METRES**

Option:
Remote Monitoring by
ASTRO System Manager

dimensions (W x H x D) 120,0 x 360,0 x 100,0 mm

P/N 7564492H

TAS360 VOIP 7K-2L-MX1-250MT



Weatherproof handsfree intercom station

- IP66 protection
- Die-cast "copper-free" aluminium alloy case
- SIP protocol • PoE compatible
- 1 general call • 1 conversation line
- 3 alarm keys • 2 lights
- +/- keys for volume adjusting

HANDSFREE
WALL MOUNTING
IP66
- 40°C to + 70°C
**VOIP-LINE LENGTH:
UP TO 250 METRES**

Option:
Remote Monitoring by
ASTRO System Manager

dimensions (W x H x D) 120,0 x 360,0 x 100,0 mm

weight 4,1 kg

P/N 7132xxw

TAS360 VOIP-BLS



VoIP weatherproof and vandalproof "powerful - duplex" handsfree (DSP based) telephone.

- IP66 protection
- Die-cast "copper free" aluminium alloy case
- 1 LED showing the status "STATION IS AVAILABLE FOR CALLING"
- 1 LED showing the status "CALL IN PROGRESS"
- 1 "EMERGENCY CALL" push button
- 1 blue light flashing lamp
- SIP protocol • PoE compatible

HANDSFREE
WALL MOUNTING
IP66
- 40°C to + 70°C
**VOIP-LINE LENGTH:
UP TO 250 METRES**

Option:
Remote Monitoring by
ASTRO System Manager

dimensions (W x H x D) 142,5 x 560,0 x 135,0 mm

P/N 7132xxz

TAS360 VOIP 1M/ST+I/O+MUSHROOM BOX FOR DLT - TCR+BLUE LIGHT



VoIP weatherproof and vandalproof "powerful - duplex" handsfree (DSP based) telephone.

- Die-cast "copper free" aluminium alloy case • IP66 protection
- 1 LED showing the status "STATION IS AVAILABLE FOR CALLING"
- 1 LED showing the status "CALL IN PROGRESS"
- 1 "EMERGENCY CALL" push button
- 1 blue light flashing lamp
- SIP protocol • PoE compatible
- I/O card (4 ON/OFF or voltage command inputs and 2 output relays)
- Mushroom box for DLT - TCR

HANDSFREE
WALL MOUNTING
IP66
- 40°C to + 70°C
**VOIP-LINE LENGTH:
UP TO 250 METRES**

Option:
Remote Monitoring by
ASTRO System Manager

dimensions (W x H x D) 142,5 x 560,0 x 135,0 mm

VoIP

WEATHERPROOF

P/N 7133165H

TAS360 VOIP 8K-6L-250MT



VoIP weatherproof and vandalproof "powerful - duplex" handsfree (DSP based) telephone.

- IP66 protection
- Die-cast "copper free" aluminium alloy case
- 4 programmable memory keys and 4 function keys + 6 lights
- SIP protocol
- PoE compatible

HANDSFREE

WALL MOUNTING

IP66

- 40°C to + 70°C

**VOIP-LINE LENGTH:
UP TO 250 METRES**

*Option:
Remote Monitoring by
ASTRO System Manager*

dimensions (W x H x D) 120,0 x 360,0 x 100,0 mm

weight 3,3 kg

P/N 7133165HX

TAS360 VOIP 8K-6L-250MT+AUX



VoIP weatherproof and vandalproof "powerful - duplex" handsfree (DSP based) telephone.

- IP66 protection
- Die-cast "copper free" aluminium alloy case
- 4 programmable memory keys and 4 function keys + 6 lights
- SIP protocol
- PoE compatible
- Analog audio output card for optional external amplified loudspeakers and voltage free output contact

HANDSFREE

WALL MOUNTING

IP66

- 40°C to + 70°C

**VOIP-LINE LENGTH:
UP TO 250 METRES**

*Option:
Remote Monitoring by
ASTRO System Manager*

dimensions (W x H x D) 120,0 x 360,0 x 100,0 mm

weight 3,3 kg

P/N 7133165HR

TAS360 VOIP 8K-6L-250MT+I/O



VoIP weatherproof and vandalproof "powerful - duplex" handsfree (DSP based) telephone.

- IP66 protection
- Die-cast "copper free" aluminium alloy case
- 4 programmable memory keys and 4 function keys + 6 lights
- SIP protocol
- PoE compatible
- I/O card (4 ON/OFF or voltage command inputs and 2 output relays)

HANDSFREE

WALL MOUNTING

IP66

- 40°C to + 70°C

**VOIP-LINE LENGTH:
UP TO 250 METRES**

*Option:
Remote Monitoring by
ASTRO System Manager*

dimensions (W x H x D) 120,0 x 360,0 x 100,0 mm

weight 3,3 kg

P/N 7133139

SPEAKER INTERFACE CARD FOR TASVOIP SERIES

Accessory for 360 and 2000 series telephones



Speaker interface card for TAS360 VoIP and TAS2000 VoIP telephone set series allowing to connect an external amplified loudspeaker

- Equipped with 1 output relay which can be set either as a "voltage free contact" or as a "voltage contact" (24÷48VDC)

CARD CONNECTIONS:

- +VAL / -VAL: 24÷48VDC power supply
- Shield: ground connection
- BF+ / BF-: 0dB audio signal
- V+ / V-: output relay pins for connecting a beacon when the "voltage contact" mode is set through the jumper

dimensions (W x H x D) 80,0 x 30,0 x 40,0 mm

weight 45 g

VoIP

WEATHERPROOF

P/N 7132701H

TASVOIP GRP 1M/SOS-250MT



Digital VoIP telephone for wall mount installation

- Weatherproof IP65 GRP housing
- Handsfree conversation
- Large mushroom head direct SOS call key
- RJ45 Ethernet interface with PoE and/or local power supply (22 to 56VDC)
- SIP protocol

OPTION: analog audio output for handling the optional external amplified loudspeaker.

dimensions (W x H x D) 120,0 x 380,0 x 160,0 mm

weight 2,4 kg

HANDSFREE

WALL MOUNTING

IP65

0°C to + 45°C

**VOIP-LINE LENGTH:
UP TO 250 METRES**

*Option:
Remote Monitoring by
ASTRO System Manager*

P/N 7132720

TASVOIP INFO-SOS/GRP/IL



Digital VoIP telephone for wall mount installation

- Weatherproof IP65 GRP housing
- INFO & SOS direct call keys • Handsfree conversation
- RJ45 Ethernet interface with PoE and/or local power supply (22 to 56VDC)
- SIP protocol
- Equipped with the additional "Inductor Loop" device in order to support the communication with hearing-impaired people

OPTION: analog audio output for handling the optional external amplified loudspeaker.

dimensions (W x H x D) 120,0 x 380,0 x 160,0 mm

weight 2,4 kg

HANDSFREE

WALL MOUNTING

IP65

- 40°C to + 70°C

*Option:
Remote Monitoring by
ASTRO System Manager*

VoIP

WEATHERPROOF

P/N 7133340

TASVOIP 916



Digital telephone flush mounting

- Weatherproof 4mm thick aluminium alloy plate IP65 protection
- Handsfree real full-duplex conversation with echo cancellation
- RJ45 Ethernet interface with PoE and/or local power supply (22 to 57VDC)
- SIP protocol - complete keyboard + 2 memory keys

HANDSFREE
FLUSH MOUNTING
IP65
- 20°C to + 70°C

Option:
Remote Monitoring by
ASTRO System Manager

dimensions (W x H x D) 100,0 x 252,0 x 64,0 mm

weight 930 g

P/N 7133340HS

TASVOIP 916S-250MT



Digital telephone

- Flush mounting
- Weatherproof 2mm thick stainless steel plate IP65 protection
- Handsfree real full-duplex conversation with echo cancellation
- RJ45 Ethernet interface with PoE and/or local power supply (22 to 57VDC)
- SIP protocol - complete keyboard + 2 memory keys

HANDSFREE
FLUSH MOUNTING
IP65
- 40°C to + 70°C
**VOIP-LINE LENGTH:
UP TO 250 METRES**

Option:
Remote Monitoring by
ASTRO System Manager

dimensions (W x H x D) 100,0 x 252,0 x 64,0 mm

weight 930 g

P/N 7133301HS

TASVOIP 901 INOX-250MT



Digital telephone

- Flush mounting
- Weatherproof 2mm thick INOX steel plate IP65 protection
- Handsfree real full-duplex conversation with echo cancellation
- RJ45 Ethernet interface with PoE and/or local power supply (22 to 57VDC)
- SIP protocol
- 1 programmable call key

HANDSFREE
FLUSH MOUNTING
IP65
- 40°C to + 70°C
**VOIP-LINE LENGTH:
UP TO 250 METRES**

Option:
Remote Monitoring by
ASTRO System Manager

dimensions (W x H x D) 100,0 x 252,0 x 64,0 mm

weight 930 g

P/N 7133305

TASVOIP 901/1R-250MT INOX V1.3s



Digital telephone

- Flush mounting
- Weatherproof 2mm thick INOX steel plate
- Handsfree real full-duplex conversation with echo cancellation
- RJ45 Ethernet interface with PoE and/or local power supply (22 to 57VDC)
- SIP protocol
- 1 programmable call key
- 1 output relay

HANDSFREE
FLUSH MOUNTING
IP65
- 25°C to + 70°C
**VOIP-LINE LENGTH:
UP TO 250 METRES**

Option:
Remote Monitoring by
ASTRO System Manager

dimensions (W x H x D) 100,0 x 252,0 x 62,0 mm

weight 930 g

VoIP

WEATHERPROOF

P/N 7133301AH

TASVOIP 901-250MT



Digital telephone

- Flush mounting
- Weatherproof 4mm thick aluminium alloy plate IP65 protection
- Handsfree real full-duplex conversation with echo cancellation
- RJ45 Ethernet interface with PoE and/or local power supply (22 to 57VDC)
- SIP protocol
- 1 programmable call key
- RAL2000

dimensions (W x H x D) 100,0 x 252,0 x 64,0 mm

weight 930 g

HANDSFREE

FLUSH MOUNTING

IP65

- 40°C to + 70°C

**VOIP-LINE LENGTH:
UP TO 250 METRES**

*Option:
Remote Monitoring by
ASTRO System Manager*

P/N 7133311HS

TASVOIP 901/SOS-250MT



Digital telephone

- Flush mounting
- Weatherproof 2mm thick stainless steel plate IP65 protection
- Handsfree real full-duplex conversation with echo cancellation
- RJ45 Ethernet interface with PoE and/or local power supply (22 to 57VDC)
- SIP protocol
- 1 SOS programmable call key

dimensions (W x H x D) 100,0 x 252,0 x 62,0 mm

weight 930 g

HANDSFREE

FLUSH MOUNTING

IP65

- 40°C to + 70°C

**VOIP-LINE LENGTH:
UP TO 250 METRES**

*Option:
Remote Monitoring by
ASTRO System Manager*

P/N 7133312HS

TASVOIP 902S/INFO-SOS-250MT



Digital telephone

- Flush mounting
- Weatherproof 2mm thick stainless steel plate IP65 protection
- Handsfree real full-duplex conversation with echo cancellation
- RJ45 Ethernet interface with PoE and/or local power supply (22 to 57VDC)
- SIP protocol
- 2 INFO-SOS programmable call keys

dimensions (W x H x D) 100,0 x 252,0 x 62,0 mm

weight 930 g

HANDSFREE

FLUSH MOUNTING

IP65

- 40°C to + 70°C

**VOIP-LINE LENGTH:
UP TO 250 METRES**

*Option:
Remote Monitoring by
ASTRO System Manager*

P/N 7133312HRS

TASVOIP 902/INFO-SOS-250MT+I/O



Digital telephone

- Flush mounting
- Weatherproof 2mm thick stainless steel plate IP65 protection
- Handsfree real full-duplex conversation with echo cancellation
- RJ45 Ethernet interface with PoE and/or local power supply (22 to 57VDC)
- SIP protocol
- 2 INFO-SOS programmable call keys
- I/O card (4 ON/OFF or voltage command inputs and 2 output relays)

dimensions (W x H x D) 100,0 x 252,0 x 62,0 mm

weight 930 g

HANDSFREE

FLUSH MOUNTING

IP65

- 40°C to + 70°C

**VOIP-LINE LENGTH:
UP TO 250 METRES**

*Option:
Remote Monitoring by
ASTRO System Manager*

VoIP

WEATHERPROOF

P/N 7133342HS

TASVOIP 902/SOS-250MT



Digital telephone

- Flush mounting
- Weatherproof 2mm thick stainless steel plate IP65 protection
- Handsfree real full-duplex conversation with echo cancellation
- RJ45 Ethernet interface with PoE and/or local power supply (22 to 57VDC)
- SIP protocol
- 2 SOS programmable call keys

HANDSFREE

FLUSH MOUNTING

IP65

- 40°C to + 70°C

VOIP-LINE LENGTH:
UP TO 250 METRES

Option:
Remote Monitoring by
ASTRO System Manager

dimensions (W x H x D) 100,0 x 252,0 x 60,5 mm

weight 930 g

P/N 7133352HRS

TASVOIP 902S/INFO-SOS + I/O 250MT



Digital telephone

- Flush mounting
- Weatherproof 2mm thick Inox frontal plate IP65 protection, painted in red colour (RAL3000)
- Handsfree real full-duplex conversation with echo cancellation
- RJ45 Ethernet interface with PoE and/or local power supply (22 to 57VDC)
- SIP protocol - 2 INFO-SOS programmable call keys
- I/O card (4 ON/OFF or voltage command inputs and 2 output relays)

HANDSFREE

FLUSH MOUNTING

IP65

- 40°C to + 70°C

VOIP-LINE LENGTH:
UP TO 250 METRES

Option:
Remote Monitoring by
ASTRO System Manager

dimensions (W x H x D) 100,0 x 252,0 x 64,0 mm

weight 930 g

P/N 7133304HS

TASVOIP 904 INOX-250MT



Digital telephone

- Flush mounting
- Weatherproof 2mm thick Inox frontal plate
- IP65 protection
- Handsfree real full-duplex conversation with echo cancellation
- RJ45 Ethernet interface with PoE and/or local power supply (22 to 57VDC)
- SIP protocol
- 4 programmable call keys

HANDSFREE

FLUSH MOUNTING

IP65

- 40°C to + 70°C

VOIP-LINE LENGTH:
UP TO 250 METRES

Option:
Remote Monitoring by
ASTRO System Manager

dimensions (W x H x D) 100,0 x 252,0 x 60,5 mm

weight 930 g

P/N 7133308HS

TASVOIP 908 INOX-250MT



Digital telephone

- Flush mounting
- Weatherproof 2mm thick Inox frontal plate
- IP65 protection
- Handsfree real full-duplex conversation with echo cancellation
- RJ45 Ethernet interface with PoE and/or local power supply (22 to 57VDC)
- SIP protocol
- 8 programmable call keys

HANDSFREE

FLUSH MOUNTING

IP65

- 40°C to + 70°C

VOIP-LINE LENGTH:
UP TO 250 METRES

Option:
Remote Monitoring by
ASTRO System Manager

dimensions (W x H x D) 100,0 x 252,0 x 64,0 mm

weight 930 g

P/N 7133004

PROTRUDING CASE

Accessory for 900 series telephones



Natural anodized aluminium case for protruding wall mounting

dimensions (W x H x D) 105,0 x 258,0 x 70,0 mm

weight 455 g

P/N 7133005

PROTRUDING CANOPY

Accessory for 900 series telephones



Protruding aluminium roof

- To be added to the flush mounting telephone plate

dimensions (W x H x D) 105,0 x 258,0 x 30,0 mm

P/N 7133006

PROTRUDING CASE

Accessory for 900 series telephones



Anodized aluminium case for protruding wall mounting

- Built-in roof for a higher protection from bad weather

dimensions (W x H x D) 105,0 x 258,0 x 100,0 mm

weight 535 g

P/N 7133800

DESK CASE

Accessory for 900 series telephones



Desk case

- Natural anodized aluminium; black base
- Equipped with screws for mounting telephones of the 900 series

dimensions (W x H x D) 105,0 x 265,0 x 160,0 mm

weight 350 g

VoIP
WEATHERPROOF
P/N 7133361H
TASVOIP 951/SOS-250MT


Digital VoIP telephone (standard SIP) for flush mount installation

- Built on weatherproof IP66 aluminium plate and IP66 rear protection
- Handsfree conversation
- Vandal-proof
- Equipped with 1 direct SOS call key
- RJ45 Ethernet interface with PoE and/or local power supply (22 to 56VDC)

HANDSFREE
FLUSH MOUNTING
IP66
- 40°C to + 70°C
**VOIP-LINE LENGTH:
UP TO 250 METRES**

Option:
Remote Monitoring by
ASTRO System Manager

dimensions (W x H x D) 195,0 x 330,0 x 81,0 mm

weight 1,97 kg

P/N 7133361HR
TASVOIP 951/SOS-250MT+I/O


Digital VoIP telephone (standard SIP) for flush mount installation

- Built on weatherproof IP66 aluminium plate and IP66 rear protection
- Handsfree conversation
- Vandal-proof
- Equipped with 1 direct SOS call key
- RJ45 Ethernet interface with PoE and/or local power supply (22 to 56VDC)
- I/O card (4 ON/OFF or voltage command inputs and 2 output relays)

HANDSFREE
FLUSH MOUNTING
IP66
- 40°C to + 70°C
**VOIP-LINE LENGTH:
UP TO 250 METRES**

Option:
Remote Monitoring by
ASTRO System Manager

dimensions (W x H x D) 195,0 x 330,0 x 81,0 mm

weight 1,97 kg

P/N 7133362HS
TASVOIP 952S/INFO-SOS-250MT


Digital VoIP telephone (standard SIP) for flush mount installation

- Built on weatherproof IP66 stainless steel plate and IP66 rear protection
- Handsfree conversation
- Vandal-proof
- Equipped with 1 direct SOS call key and 1 direct INFO call key
- RJ45 Ethernet interface with PoE and/or local power supply (22 to 56VDC)

HANDSFREE
FLUSH MOUNTING
IP66
- 40°C to + 70°C
**VOIP-LINE LENGTH:
UP TO 250 METRES**

Option:
Remote Monitoring by
ASTRO System Manager

dimensions (W x H x D) 195,0 x 330,0 x 81,0 mm

weight 1,97 kg

P/N 7133362HRS
TASVOIP 952/INFO-SOS + I/O 250MT


Digital VoIP telephone (SIP standard) for flush mount installation

- Built on AISI304 stainless steel weatherproof IP66 plate and IP66 rear protection
- Handsfree conversation
- Vandal-proof
- Equipped with 1 direct SOS call key and 1 direct INFO call key
- RJ45 Ethernet interface with PoE and/or local power supply (22 to 56VDC)
- Suitable for remote configuration and remote diagnostics
- I/O card (4 ON/OFF or voltage command inputs and 2 output relays)

HANDSFREE
FLUSH MOUNTING
IP66
- 40°C to + 70°C
**VOIP-LINE LENGTH:
UP TO 250 METRES**

Option:
Remote Monitoring by
ASTRO System Manager

dimensions (W x H x D) 195,0 x 330,0 x 81,0 mm

weight 1,97 kg

VoIP

WEATHERPROOF

P/N 7133372HS

TASVOIP 952/INFO-SOS/IL 250MT



- VoIP telephone (SIP standard) for flush mounting installation built on stainless steel AISI304 weatherproof IP66 plate
- Protection IK07 against external mechanical impacts (EN62262)
- Handsfree conversation
- Vandal-proof equipped with 2 direct call keys (INFO-SOS)
- RJ45 Ethernet interface with PoE and/or local power supply (22 to 56VDC)
- SIP protocol • PoE compatible
- Suitable for remote configuration and remote diagnostics
- Including "Inductor Loop" device for helping communication with hearing-impaired people

dimensions (W x H x D) 195,0 x 330,0 x 78,0 mm

weight 1,35 kg

HANDSFREE

FLUSH MOUNTING

IP66

- 40°C to + 70°C

**VOIP-LINE LENGTH:
UP TO 250 METRES**

*Remote Monitoring by
ASTRO System Manager*

P/N 7133900

WALL CASE FOR TASVOX & TASVOIP 95X SERIES PHONES

Wall case for TASVOX & TASVOIP 95X series telephone sets

FLUSH MOUNTING

dimensions (W x H x D) 280,0 x 400,0 x 88,0 mm

P/N 7133323H

TASVOIP 961-FLUSH/SOS 250MT



- Digital VoIP telephone (standard SIP) for flush mount installation built on stainless steel AISI304 weatherproof IP66 plate
- Protection against external mechanical impacts IK07 (EN62262)
- Handsfree conversation
- Vandal-proof equipped with one direct call key (EMERGENCY)
- RJ45 Ethernet interface with PoE and/or local power supply (22 to 56VDC)
- SIP protocol • PoE compatible
- Suitable for remote configuration and remote diagnostics

dimensions (W x H x D) 155,0 x 275,0 x 75,0 mm

weight 1,35 kg

HANDSFREE

FLUSH MOUNTING

IP66

- 40°C to + 70°C

**VOIP-LINE LENGTH:
UP TO 250 METRES**

*Option:
Remote Monitoring by
ASTRO System Manager*

P/N 7133323HR

TASVOIP 961-FLUSH/SOS+I/O-250MT



- Digital VoIP telephone (SIP standard) for flush mount installation built on stainless steel AISI304 weatherproof IP66 plate
- Protection against external mechanical impacts IK07 (EN62262)
- Handsfree conversation
- Vandal-proof equipped with 1 direct call key (EMERGENCY)
- RJ45 Ethernet interface with PoE and/or local power supply (22 to 56VDC)
- SIP protocol • PoE compatible
- Suitable for remote configuration and remote diagnostics
- I/O card (4 ON/OFF or voltage command inputs and 2 output relays)

dimensions (W x H x D) 155,0 x 275,0 x 75,0 mm

weight 1,35 kg

HANDSFREE

FLUSH MOUNTING

IP66

- 40°C to + 70°C

**VOIP-LINE LENGTH:
UP TO 250 METRES**

*Option:
Remote Monitoring by
ASTRO System Manager*

VoIP
WEATHERPROOF
P/N 7133325H
TASVOIP-962/INFO-SOS


- Digital VoIP telephone (standard SIP) for flush mount installation built on stainless steel AISI304 weatherproof IP66 plate
- Protection against external mechanical impacts IK07 (EN62262)
- Handsfree conversation
- Vandal-proof equipped with 2 direct call keys (INFO-SOS)
- RJ45 Ethernet interface with PoE and/or local power supply (22 to 56VDC)
- SIP protocol • PoE compatible
- Suitable for remote configuration and remote diagnostics

dimensions (W x H x D) 155,0 x 275,0 x 75,0 mm

weight 1,35 kg

HANDSFREE
FLUSH MOUNTING
IP66

- 40°C to + 70°C

**VOIP-LINE LENGTH:
UP TO 250 METRES**

Option:
Remote Monitoring by
ASTRO System Manager

P/N 7133325HR
TASVOIP 962/INFO-SOS-250MT+I/O


- Digital VoIP telephone (standard SIP) for flush mount installation built on stainless steel AISI304 weatherproof IP66 plate
- Protection against external mechanical impacts IK07 (EN62262)
- Handsfree conversation
- Vandal-proof equipped with 2 direct call keys INFO-SOS)
- RJ45 Ethernet interface with PoE and/or local power supply (22 to 56VDC)
- SIP protocol • PoE compatible
- Suitable for remote configuration and remote diagnostics
- I/O card (4 ON/OFF or voltage command inputs and 2 output relays) and inductor loop

dimensions (W x H x D) 155,0 x 275,0 x 75,0 mm

weight 1,35 kg

HANDSFREE
FLUSH MOUNTING
IP66

- 40°C to + 70°C

**VOIP-LINE LENGTH:
UP TO 250 METRES**

Option:
Remote Monitoring by
ASTRO System Manager

P/N 7133984
WALL BOX
Accessory for 961 and 962 series telephones


Stainless steel case for wall mounting of 961 and 962 telephone sets series, as an alternative to standard flush mounting.

dimensions (W x H x D) 182,0 x 360,0 x 80,5 mm

weight 2,68 kg

WALL MOUNTING
P/N 7133324H
TASVOIP 961-WALL/SOS 250MT


- Digital VoIP telephone (standard SIP) for wall mount installation built on stainless steel AISI304 weatherproof IP66 plate
- Protection against external mechanical impacts IK07 (EN62262)
- Handsfree conversation
- Vandal-proof equipped with one direct call key (EMERGENCY)
- RJ45 Ethernet interface with PoE and/or local power supply (22 to 56VDC)
- SIP protocol • PoE compatible
- Suitable for remote configuration and remote diagnostics

dimensions (W x H x D) 182,0 x 360,0 x 84,0 mm

weight 4,0 kg

HANDSFREE
WALL MOUNTING
IP66

- 40°C to + 70°C

**VOIP-LINE LENGTH:
UP TO 250 METRES**

Option:
Remote Monitoring by
ASTRO System Manager

VoIP

WEATHERPROOF

P/N 71333xh

TASVOIP 952H-250MT INFO/SOS CALL POINT



- Digital VoIP telephone (standard SIP) for flush mount installation built on weatherproof IP65 vandal-proof stainless steel plate
- Handsfree conversation
- Large head direct call keys
- Available with 1 or 2 direct call keys
- RJ45 Ethernet interface with PoE and/or local power supply (22 to 56VDC)
- Integrated mechanical support for fixing the CCTV camera (not included) equipped with vandal-proof glass
- SIP protocol • PoE compatible

dimensions (W x H x D) 200,0 x 430,0 x 74,3 mm

weight 1,75 kg

HANDSFREE

FLUSH MOUNTING

IP65

- 25°C to + 70°C

**VOIP-LINE LENGTH:
UP TO 250 METRES**

*Option:
Remote Monitoring by
ASTRO System Manager*

P/N 7133990

WALL BOX

Accessory for 952 series telephones



Wall box for TASVOIP 952H-250MT INFO/SOS CALL POINT (P/N 71333xh).

dimensions (W x H x D) 170,0 x 403,0 x 90,0 mm

weight 1,7 kg

WALL MOUNTING

VoIP

WEATHERPROOF

P/N 7133320H

TASVOIP 1004/ST-250MT



VoIP industrial weatherproof and vandalproof telephone set for flush mounting installation.

- Built on steel AISI304, IP66 plate
- Based on standard SIP protocol
- Handsfree real full-duplex operation
- No keys, but able to be connected to 4 programmable external keys
- Special version for SOS boxes for road tunnels

Optional rear cover available on request (P/N 7133991)

dimensions (W x H x D) 180,0 x 260,0 x 57,0 mm

weight 1,45 kg

HANDSFREE

FLUSH MOUNTING

IP66

- 40°C to + 70°C

**VOIP-LINE LENGTH:
UP TO 250 METRES**

*Option:
Remote Monitoring by
ASTRO System Manager*

P/N 7133320HR

TASVOIP 1004/ST I/O-250MT



VoIP industrial weatherproof and vandalproof telephone set for flush mounting installation.

- Built on steel AISI304, IP66 plate
- Based on standard SIP protocol
- Handsfree real full-duplex operation
- No keys, but able to be connected to 4 programmable external keys
- Special version for SOS boxes for road tunnels
- I/O card (4 ON/OFF or voltage command inputs and 2 output relays)

Optional rear cover available on request (P/N 7133991)

dimensions (W x H x D) 180,0 x 260,0 x 57,0 mm

weight 1,45 kg

HANDSFREE

FLUSH MOUNTING

IP66

- 40°C to + 70°C

**VOIP-LINE LENGTH:
UP TO 250 METRES**

*Option:
Remote Monitoring by
ASTRO System Manager*

P/N 7133616A

TASVOIP 1016



VoIP industrial weatherproof and vandalproof telephone set for flush mounting installation.

- Weatherproof INOX steel plate
- Based on standard SIP protocol
- IP66 protection - 16 keys (full 12-key keyboard and 4 function keys)
- Handsfree real full-duplex operation

dimensions (W x H x D) 180,0 x 260,0 x 57,0 mm

weight 1,45 kg

HANDSFREE

FLUSH MOUNTING

IP66

- 40°C to + 70°C

**VOIP-LINE LENGTH:
UP TO 250 METRES**

*Option:
Remote Monitoring by
ASTRO System Manager*

P/N 7133028

PLATE

Accessory for 1000 series telephones



Aluminium face plate 3mm thickness

- Painted yellow RAL1023
- Equipped with 4 mushroom push buttons and screen printed symbols "Ambulance", "Fire", "Police", "Breakdown"
- For installation of a telephone type TASVOX or TASVOIP 1004 series in a SOS tunnel cabinet

dimensions (W x H x D) 496,0 x 748,0 x 3,0 mm

VoIP

WEATHERPROOF

P/N 7133375

TASVOIP 951L/SOS/HRS INOX 250MT



VoIP telephone for flush mounting installation built on weatherproof IP65 2mm INOX steel plate with protruding canopy.

Designed to meet the application needs required by industrial and public address communication environments, in particular for all those applications where, in case of emergency, it is necessary to call emergency stations by selecting, through the simple pressing of a single button, one or more previously stored numbers.

Size and installation details are compatible with Swiss highways and tunnels.

- Vandal-proof execution, equipped with 1 direct SOS call key
- I/O card (4 ON/OFF or voltage command inputs and 2 output relays)

dimensions (W x H x D) 170,0 x 365,0 x 140,0 mm

weight 2,1 kg

HANDSFREE

FLUSH MOUNTING

IP65

- 40°C to + 70°C

**VOIP-LINE LENGTH:
UP TO 250 METRES**

*Option:
Remote Monitoring by
ASTRO System Manager*

P/N 7136000

I/O CARD FOR TASVOIP

Accessory for 2000 series telephones



I/O card for TASVOIP telephone set series allowing to control 2 relay outputs as well as 4 optical isolated inputs.

There are 3 poles on each relay thus providing also the normally closed output.

- INPUT
 - Polarized inlet activation: 5÷50VDC
- OUTPUT
 - Voltage: max. 250VAC
 - Current: max. 2A
 - Power: 62,5VA (30W)

dimensions (W x H) 77,0 x 80,0 mm

P/N 7111450

TASVOIP 916 IN RFI HOUSING



TASVOIP 916 handsfree digital telephone set housed in RFI weatherproof box

Note: the ringtone is audible only when the door is open. If necessary, it is possible to install the relevant outside ringer.

HANDSFREE

WALL MOUNTING

VoIP

WEATHERPROOF

P/N 71331xi

E-TEL FLUSH MOUNT EMERGENCY CALL POINT



EMERGENCY CALL POINT VoIP TELEPHONE (SIP standard) with direct call button and call status visual indication

- Vandal-proof, brushed stainless steel made
- NEMA 4X protection grade enclosure
- IK07 protection degree against external mechanical impacts (EN 62262) • SIP protocol • PoE compatible
- 4 tamper-proof screws for front plate
- Full-duplex handsfree conversation
- Auto-answering and silent monitoring features for environmental monitoring and control
- Suitable for remote configuration and remote diagnostics

dimensions (W x H x D) 120,0 x 180,0 x 65,0 mm

HANDSFREE

FLUSH MOUNTING

IP65

- 25°C to + 70°C

**VOIP-LINE LENGTH:
UP TO 250 METRES**

*Option:
Remote Monitoring by
ASTRO System Manager*

P/N 71331xl

E-TEL/BOX WALL MOUNT EMERGENCY CALL POINT



EMERGENCY CALL POINT VoIP TELEPHONE (SIP standard) with direct call button and call status visual indication

- Vandal-proof, brushed stainless steel made
- NEMA 4X protection grade enclosure
- IK07 protection degree against external mechanical impacts (EN 62262) • SIP protocol • PoE compatible
- Full-duplex handsfree conversation
- Auto-answering and silent monitoring features for environmental monitoring and control
- Outputs: 2 relays, max. 1A or 250VAC, max. power 60VA/30WDC
- Inputs: 3 voltage free contacts

dimensions (W x H x D) 120,0 x 180,0 x 77,0 mm

weight 2,3 kg

HANDSFREE

WALL MOUNTING

IP65

- 25°C to + 70°C

**VOIP-LINE LENGTH:
UP TO 250 METRES**

*Option:
Remote Monitoring by
ASTRO System Manager*

P/N 71331xm

P-TEL FLUSH MOUNT ASSISTANCE PHONE



PASSENGER INFORMATION VoIP TELEPHONE (SIP standard) with direct call button and call status visual indication

- Vandal-proof, brushed stainless steel made
- NEMA 4X protection grade enclosure
- IK07 protection degree against external mechanical impacts (EN 62262) • SIP protocol • PoE compatible
- Full-duplex handsfree conversation
- Auto-Answering and silent monitoring features for environmental monitoring and control
- Outputs: 2 relays, max. 1A or 250VAC, max. power 60VA/30W
- Inputs: 3 voltage free contacts

dimensions (W x H x D) 120,0 x 180,0 x 65,0 mm

HANDSFREE

FLUSH MOUNTING

IP65

- 25°C to + 70°C

**VOIP-LINE LENGTH:
UP TO 250 METRES**

*Option:
Remote Monitoring by
ASTRO System Manager*

P/N 71331xn

P-TEL/BOX WALL MOUNT ASSISTANCE PHONE



PASSENGER INFORMATION VoIP TELEPHONE (SIP standard) with direct call button and call status visual indication

- Vandal-proof, brushed stainless steel made
- NEMA 4X protection grade enclosure
- IK07 protection degree against external mechanical impacts (EN 62262) • SIP protocol • PoE compatible
- Full-duplex handsfree conversation
- Auto-Answering and silent monitoring features for environmental monitoring and control
- Outputs: 2 relays, max. 1A or 250VAC, max. power 60VA/30W
- Inputs: 3 voltage free contacts

dimensions (W x H x D) 120,0 x 180,0 x 77,0 mm

weight 2,3 kg

HANDSFREE

WALL MOUNTING

IP65

- 25°C to + 70°C

**VOIP-LINE LENGTH:
UP TO 250 METRES**

*Option:
Remote Monitoring by
ASTRO System Manager*

VoIP
WEATHERPROOF
P/N 7564440H
SANIVOIP 918S-250MT


- Flush mounting VoIP telephone for clean rooms
- IP66 weatherproof front surface without holes and fully washable by common detergents or bactericidals
 - 2mm thick INOX AISI304 steel plate
 - 12 standard dialling keys and 6 function keys
 - Adjustable receiver volume
 - Slim thickness 34mm depth only

dimensions (W x H x D) 125,0 x 280,0 x 34,0 mm

weight 1,2 kg

HANDSFREE
FLUSH MOUNTING
IP66

- 40°C to + 70°C

**VOIP-LINE LENGTH:
UP TO 250 METRES**

Option:
Remote Monitoring by
ASTRO System Manager

P/N 7564440HR
SANIVOIP 918S-250MT+I/O


- Flush mounting VoIP telephone for clean rooms
- IP66 weatherproof front surface without holes and fully washable by common detergents or bactericidals
 - 34mm slim thickness depth only
 - 12 standard dialling keys and 6 function keys
 - Adjustable receiver volume
 - I/O card (3 optoisolated inputs and 2 relays)

dimensions (W x H x D) 125,0 x 280,0 x 34,0 mm

weight 900 g

HANDSFREE
FLUSH MOUNTING
IP66

- 40°C to + 70°C

**VOIP-LINE LENGTH:
UP TO 250 METRES**

Option:
Remote Monitoring by
ASTRO System Manager

P/N 7564461H
SANIVOIP 901S-250MT


- Flush mounting VoIP telephone for clean rooms
- IP66 weatherproof front surface without holes and fully washable by common detergents or bactericidals
 - 1 memory key
 - 34mm slim thickness depth only

* Product manufactured upon request. MOQ 25 pcs *

dimensions (W x H x D) 125,0 x 280,0 x 34,0 mm

weight 900 g

HANDSFREE
FLUSH MOUNTING
IP66

- 40°C to + 70°C

**VOIP-LINE LENGTH:
UP TO 250 METRES**

Option:
Remote Monitoring by
ASTRO System Manager

P/N 7564464H
SANIVOIP 904S-250MT


- Flush mounting VoIP telephone for clean rooms
- IP66 weatherproof front surface without holes and fully washable by common detergents or bactericidals
 - 4 memory keys
 - 34mm slim thickness depth only

* Product manufactured upon request. MOQ 25 pcs *

dimensions (W x H x D) 125,0 x 280,0 x 34,0 mm

weight 900 g

HANDSFREE
FLUSH MOUNTING
IP66

- 40°C to + 70°C

**VOIP-LINE LENGTH:
UP TO 250 METRES**

Option:
Remote Monitoring by
ASTRO System Manager

VoIP
WEATHERPROOF
P/N 7564468
SANIVOIP 908S


Flush mounting VoIP telephone for clean rooms

- IP66 weatherproof front surface without holes and fully washable by common detergents or bactericidals
- 8 memory keys
- 34mm slim thickness depth only

* Product usually available ex-stock *

dimensions (W x H x D) 125,0 x 280,0 x 34,0 mm

weight 900 g

HANDSFREE
FLUSH MOUNTING
IP66

- 20°C to + 70°C

 Option:
Remote Monitoring by
ASTRO System Manager

P/N 7564468H
SANIVOIP 908S-250MT


Flush mounting VoIP telephone for clean rooms

- IP66 weatherproof front surface without holes and fully washable by common detergents or bactericidals
- 8 memory keys
- 34mm slim thickness depth only

* Product usually available ex-stock *

dimensions (W x H x D) 125,0 x 280,0 x 34,0 mm

weight 900 g

HANDSFREE
FLUSH MOUNTING
IP66

- 40°C to + 70°C

**VOIP-LINE LENGTH:
UP TO 250 METRES**

 Option:
Remote Monitoring by
ASTRO System Manager

P/N 8131931
BACK-BOX
Accessory for decontaminable telephones


Galvanized steel back-box for concrete wall installation of SANIVOX-SANIVOIP series telephone sets.

- 0,8mm thick (also available with 0,7mm thickness on request)

It is not necessary for installation on metal, plastic panels or sandwich panels.

dimensions (W x H x D) 107,0 x 265,0 x 56,0 mm

weight 400 g

WALL MOUNTING
P/N 7133060
BACK-BOX
Accessory for decontaminable telephones


Stainless steel back-box for surface installation of SANIVOX-SANIVOIP series telephone sets as alternative to the flush mounting installation.

dimensions (W x H x D) 135,0 x 290,0 x 36,5 mm

weight 440 g

WALL MOUNTING

VoIP

WEATHERPROOF

P/N 7133987

INSTALLATION KIT FOR SANIVOX/SANIVOIP

Installation and repositioning kit for SANIVOX and SANIVOIP series telephone sets.

P/N 71331xd

TASVOICE SERIES 164/1K T-TEL



On-board VoIP Emergency Call Point for Metro and Railways applications, with direct call button and call status visual and audible indications.

HANDSFREE**FLUSH MOUNTING****IP65****- 40°C to + 70°C**

Option:
Remote Monitoring by
ASTRO System Manager

dimensions (W x H x D) 106,0 x 164,0 x 53,0 mm

weight 850 g

P/N 71331xc

TASVOICE SERIES 164/1K - 2LAN



Digital IP intercom for flush mounting installation. Double LAN interfaces for Railway applications.

HANDSFREE**FLUSH MOUNTING****IP65****- 40°C to + 70°C**

Option:
Remote Monitoring by
ASTRO System Manager

Family of Products expressly manufactured according to Customer specifications.

dimensions (W x H x D) 106,0 x 164,0 x 68,0 mm

weight 1,0 kg

P/N 71331xxc

TASVOICE SERIES 164/1K - 2LAN - IL



Digital VoIP intercom for flush mounting installation. Double LAN interfaces for Railway applications.

HANDSFREE**FLUSH MOUNTING****IP65****- 40°C to + 70°C**

Option:
Remote Monitoring by
ASTRO System Manager

Family of Products expressly manufactured according to Customer specifications.

- 3 ON/OFF or voltage command inputs and 2 output relays for interfacing with external systems
- Additional "Inductor Loop" device in order to support the communication with hearing-impaired people

dimensions (W x H x D) 106,0 x 164,0 x 68,0 mm

weight 1,0 kg

VoIP
WEATHERPROOF
P/N 71331xa
TASVOICE SERIES 164/1K


SOS / Emergency Call Point for Railway applications

Family of Products expressly manufactured according to Customer specifications.

- 1 emergency call button

dimensions (W x H x D) 106,0 x 164,0 x 53,0 mm

weight 850 g

HANDSFREE

FLUSH MOUNTING

IP65

- 40°C to + 70°C

Option:
Remote Monitoring by
ASTRO System Manager

P/N 71331xx
TASVOICE SERIES 164/1K WITH LEVER

SOS / VoIP Emergency Call Point for Railway applications

Family of Products expressly manufactured according to Customer specifications.

- 1 emergency call button
- Lever call module with optical visualization (P/N J7132882)

dimensions (W x H x D) 106,0 x 164,0 x 53,0 mm

HANDSFREE

FLUSH MOUNTING

IP65

- 40°C to + 70°C

Option:
Remote Monitoring by
ASTRO System Manager

P/N 71331xe
TASVOICE SERIES 164/2K - 2LAN


SOS / VoIP Emergency Call Point for Railway applications, double standard Analog/Digital IP intercom for flush mounting installation.

Family of Products expressly manufactured according to Customer specifications.

- 1 SOS emergency call button
- 1 INFO call button

dimensions (W x H x D) 120,0 x 180,0 x 70,0 mm

weight 850 g

HANDSFREE

FLUSH MOUNTING

IP65

- 40°C to + 70°C

Option:
Remote Monitoring by
ASTRO System Manager

P/N 71331xg
TASVOICE SERIES 164/4K ON-BOARD CUSTOM INTERCOM UNIT


Customized VoIP communication unit for Metro Driver

HANDSFREE

FLUSH MOUNTING

IP65

- 40°C to + 70°C

Option:
Remote Monitoring by
ASTRO System Manager

VoIP

EXPLOSION-PROOF

P/N 7134601N

TAS360 VoIP-Ex 20K-6L-IS2



Explosion-proof VoIP handsfree Intercom Station

- SIP protocol • PoE compatible
- Protection class IP66 • ATEX certified for Zone 1 - Zone 21
- Standard keyboard
- 4 memory keys for direct calls • 4 service keys
- 6 lights

ATEX Approval:

II 2G Ex eb mb ib IIC T6, T5 Gb

II 2D Ex tb IIIC T85°C, T100°C Db

Certificate of Conformity: IECEx IMQ 13.0090.01

dimensions (W x H x D) 120,0 x 360,0 x 100,0 mm

weight 4,1 kg

HANDSFREE

WALL MOUNTING

IP66

- 40°C to +40°C

- 40°C to +55°C

ATEX and IECEx

**VOIP-LINE LENGTH:
UP TO 180 METRES**

Option:

*Remote Monitoring by
ASTRO System Manager*

P/N 7134606

TAS360 VOIP-Ex-1M



VoIP Explosion-proof handsfree Intercom Station

- SIP protocol • PoE compatible
- Protection class IP66 • ATEX certified for Zone 1 - Zone 21
- 1 conversation line • 2 lights

ATEX Approval:

II 2G Ex eb mb ib IIC T6, T5 Gb

II 2D Ex tb IIIC T85°C, T100°C Db

ATEX Approval:

II 2G Ex eb mb ib IIC T6, T5 Gb

II 2D Ex tb IIIC T85°C, T100°C Db

Certificate of Conformity: IECEx IMQ 13.0090.01

dimensions (W x H x D) 120,0 x 360,0 x 100,0 mm

weight 4,1 kg

HANDSFREE

WALL MOUNTING

IP66

- 40°C to +40°C

- 40°C to +55°C

ATEX and IECEx

**Extended LAN connection
length:
up to 180 m**

Option:

*Remote Monitoring by
ASTRO System Manager*

P/N 7134602N

TAS360 VOIP-Ex 8K-6L-IS2



Explosion-proof VoIP handsfree Intercom Station

- SIP protocol • PoE compatible
- Protection class IP66 • ATEX certified for Zone 1 - Zone 21
- 4 memory keys • 4 function keys
- 6 lights

ATEX Approval:

II 2G Ex eb mb ib IIC T6, T5 Gb

II 2D Ex tb IIIC T85°C, T100°C Db

Certificate of Conformity: IECEx IMQ 13.0090.01

dimensions (W x H x D) 120,0 x 360,0 x 100,0 mm

weight 4,1 kg

HANDSFREE

WALL MOUNTING

IP66

- 40°C to +40°C

- 40°C to +55°C

ATEX and IECEx

**VOIP-LINE LENGTH:
UP TO 180 METRES**

Option:

*Remote Monitoring by
ASTRO System Manager*

P/N 7134605

TAS360 VOIP-Ex 5K-2L-MX3



Explosion-proof VoIP handsfree Intercom Station

- SIP protocol • PoE compatible
- Protection class IP66 • ATEX certified for Zone 1 - Zone 21
- 1 conversation line
- 2 lights
- volume adjusting +/- keys

ATEX Approval:

II 2G Ex eb mb ib IIC T6, T5 Gb

II 2D Ex tb IIIC T85°C, T100°C Db

Certificate of Conformity: IECEx IMQ 13.0090.01

dimensions (W x H x D) 120,0 x 360,0 x 100,0 mm

weight 4,1 kg

HANDSFREE

WALL MOUNTING

IP66

- 40°C to +40°C

- 40°C to +55°C

ATEX and IECEx

**VOIP-LINE LENGTH:
UP TO 180 METRES**

Option:

*Remote Monitoring by
ASTRO System Manager*

VoIP

EXPLOSION-PROOF

P/N 7134603

TAS360 VOIP-Ex 7K-2L-MX1



VoIP Explosion-proof handsfree Intercom Station

- SIP protocol • PoE compatible
- Protection class IP66 • ATEX certified for Zone 1 - Zone 21
- 1 general call • 1 conversation line
- 3 alarm keys • 2 lights
- volume adjusting +/- keys

ATEX Approval:

II 2G Ex eb mb ib IIC T6, T5 Gb

II 2D Ex tb IIIC T85°C, T100°C Db

Certificate of Conformity: IECEx IMQ 13.0090.01

dimensions (W x H x D) 120,0 x 360,0 x 100,0 mm

weight 4,1 kg

HANDSFREE

WALL MOUNTING

IP66

- 40°C to + 40°C

- 40°C to + 55°C

ATEX and IECEx

**VOIP-LINE LENGTH:
UP TO 180 METRES**

Option:

*Remote Monitoring by
ASTRO System Manager*

P/N 7134604

TAS360 VOIP-Ex 10K-7L-MX2



Explosion-proof VoIP handsfree Intercom Station

- SIP protocol • PoE compatible
- Protection class IP66 • ATEX certified for Zone 1 - Zone 21
- 1 general call • 6 conversation lines
- 7 lights
- volume adjusting +/- keys

ATEX Approval:

II 2G Ex eb mb ib IIC T6, T5 Gb

II 2D Ex tb IIIC T85°C, T100°C Db

Certificate of Conformity: IECEx IMQ 13.0090.01

dimensions (W x H x D) 120,0 x 360,0 x 100,0 mm

weight 4,1 kg

HANDSFREE

WALL MOUNTING

IP66

- 40°C to + 40°C

- 40°C to + 55°C

ATEX and IECEx

**VOIP-LINE LENGTH:
UP TO 180 METRES**

Option:

*Remote Monitoring by
ASTRO System Manager*

P/N D001145

ATEX PA/GA ACCESS CONTROL PANEL



ATEX PA/GA Access Control Panel

- Wall / Flush / Rack 19" mounting solution

dimensions (W x H x D) 280,0 x 360,0 x 110,0 mm

HANDSFREE

WALL/FLUSH/RACK MOUN

IP66

ATEX and IECEx

**VOIP-LINE LENGTH:
UP TO 250 METRES**

Option:

*Remote Monitoring by
ASTRO System Manager*

Analog

WEATHERPROOF

P/N 7133639

SANIVOX 918S



Analog ACB telephone for clean rooms

- Flush mounting
- IP66 weatherproof front surface without holes and fully washable by common detergents or bactericidals
- Standard keyboard
- 2 memory keys
- Adjustable receiver volume
- Slim thickness 34mm depth only

HANDSFREE

FLUSH MOUNTING

IP66

- 20°C to + 70°C

Option:
Remote Monitoring by
ASTRO System Manager

dimensions (W x H x D) 125,0 x 280,0 x 34,0 mm

weight 800 g

P/N 7133626

SANIVOX 901S



Analog ACB telephone for clean rooms

- Flush mounting
- IP66 weatherproof front surface without holes and fully washable by common detergents or bactericidals
- 1 memory key
- Slim thickness 34mm depth only

HANDSFREE

FLUSH MOUNTING

IP66

- 20°C to + 70°C

Option:
Remote Monitoring by
ASTRO System Manager

* Product manufactured upon request. MOQ 25 pcs *

dimensions (W x H x D) 125,0 x 280,0 x 34,0 mm

weight 800 g

P/N 7133627

SANIVOX 904S



Analog ACB telephone for clean rooms

- Flush mounting
- IP66 weatherproof front surface without holes and fully washable by common detergents or bactericidals
- 4 memory keys
- Slim thickness 34mm depth only

HANDSFREE

FLUSH MOUNTING

IP66

- 20°C to + 70°C

Option:
Remote Monitoring by
ASTRO System Manager

* Product manufactured upon request. MOQ 25 pcs *

dimensions (W x H x D) 125,0 x 280,0 x 34,0 mm

weight 800 g

P/N 7133628

SANIVOX 908S



Analog ACB telephone for clean rooms

- Flush mounting
- IP66 weatherproof front surface without holes and fully washable by common detergents or bactericidals
- 8 memory keys
- Slim thickness 34mm depth only

HANDSFREE

FLUSH MOUNTING

IP66

- 20°C to + 70°C

Option:
Remote Monitoring by
ASTRO System Manager

* Product usually available ex-stock *

dimensions (W x H x D) 125,0 x 280,0 x 34,0 mm

weight 800 g

Analog**WEATHERPROOF****P/N 7133644****OPTIONAL AMPLIFIER CARD***Accessory for 900 series telephones*

On-board amplifier for increasing the output volume of the internal loudspeaker or to connect an external loudspeaker.

A local 12VDC power source is required.

dimensions (W x H) 30,0 x 50,0 mm

weight 50 g

P/N 7133676**RELAY CARD***Accessory for 900 series telephones*

Card equipped with 2 relays (to switch door lock, lights, etc.) for remote or local control through programmable codes.

Contact range on resistive load:

- maximum switchable power: 60W (DC) - 1250VA (AC)
- maximum switchable voltage: 110VDC - 250VAC
- maximum switchable current: 2A (DC) - 2A (AC)

The range shall be reduced according to the inductive or capacitive load.

A local 12VDC power source is required.

dimensions (W x H) 27,0 x 65,0 mm

weight 50 g

P/N 8131931**BACK-BOX***Accessory for decontaminable telephones*

Galvanized steel back-box for concrete wall installation of SANIVOX-SANIVOIP series telephone sets.

- 0,8mm thick (also available with 0,7mm thickness on request)

It is not necessary for installation on metal, plastic panels or sandwich panels.

WALL MOUNTING

dimensions (W x H x D) 107,0 x 265,0 x 56,0 mm

weight 400 g

P/N 7133060**BACK-BOX***Accessory for decontaminable telephones*

Stainless steel back-box for surface installation of SANIVOX-SANIVOIP series telephone sets as alternative to the flush mounting installation.

WALL MOUNTING

dimensions (W x H x D) 135,0 x 290,0 x 36,5 mm

weight 440 g

ACCESSORIES

P/N 7133987

INSTALLATION KIT FOR SANIVOX/SANIVOIP

Installation and repositioning kit for SANIVOX and SANIVOIP series telephone sets.

VoIP

WEATHERPROOF

P/N 7564440H

SANIVOIP 918S-250MT



- Flush mounting VoIP telephone for clean rooms
- IP66 weatherproof front surface without holes and fully washable by common detergents or bactericidals
 - 2mm thick INOX AISI304 steel plate
 - 12 standard dialling keys and 6 function keys
 - Adjustable receiver volume
 - Slim thickness 34mm depth only

dimensions (W x H x D) 125,0 x 280,0 x 34,0 mm

weight 1,2 kg

HANDSFREE

FLUSH MOUNTING

IP66

- 40°C to + 70°C

**VOIP-LINE LENGTH:
UP TO 250 METRES**

Option:
Remote Monitoring by
ASTRO System Manager

P/N 7564440HR

SANIVOIP 918S-250MT+I/O



- Flush mounting VoIP telephone for clean rooms
- IP66 weatherproof front surface without holes and fully washable by common detergents or bactericidals
 - 34mm slim thickness depth only
 - 12 standard dialling keys and 6 function keys
 - Adjustable receiver volume
 - I/O card (3 optoisolated inputs and 2 relays)

dimensions (W x H x D) 125,0 x 280,0 x 34,0 mm

weight 900 g

HANDSFREE

FLUSH MOUNTING

IP66

- 40°C to + 70°C

**VOIP-LINE LENGTH:
UP TO 250 METRES**

Option:
Remote Monitoring by
ASTRO System Manager

P/N 7564461H

SANIVOIP 901S-250MT



- Flush mounting VoIP telephone for clean rooms
- IP66 weatherproof front surface without holes and fully washable by common detergents or bactericidals
 - 1 memory key
 - 34mm slim thickness depth only

* Product manufactured upon request. MOQ 25 pcs *

dimensions (W x H x D) 125,0 x 280,0 x 34,0 mm

weight 900 g

HANDSFREE

FLUSH MOUNTING

IP66

- 40°C to + 70°C

**VOIP-LINE LENGTH:
UP TO 250 METRES**

Option:
Remote Monitoring by
ASTRO System Manager

P/N 7564464H

SANIVOIP 904S-250MT



- Flush mounting VoIP telephone for clean rooms
- IP66 weatherproof front surface without holes and fully washable by common detergents or bactericidals
 - 4 memory keys
 - 34mm slim thickness depth only

* Product manufactured upon request. MOQ 25 pcs *

dimensions (W x H x D) 125,0 x 280,0 x 34,0 mm

weight 900 g

HANDSFREE

FLUSH MOUNTING

IP66

- 40°C to + 70°C

**VOIP-LINE LENGTH:
UP TO 250 METRES**

Option:
Remote Monitoring by
ASTRO System Manager

VoIP

WEATHERPROOF

P/N 7564468

SANIVOIP 908S



Flush mounting VoIP telephone for clean rooms

- IP66 weatherproof front surface without holes and fully washable by common detergents or bactericidals
- 8 memory keys
- 34mm slim thickness depth only

* Product usually available ex-stock *

dimensions (W x H x D) 125,0 x 280,0 x 34,0 mm

weight 900 g

HANDSFREE

FLUSH MOUNTING

IP66

- 20°C to + 70°C

Option:
Remote Monitoring by
ASTRO System Manager

P/N 7564468H

SANIVOIP 908S-250MT



Flush mounting VoIP telephone for clean rooms

- IP66 weatherproof front surface without holes and fully washable by common detergents or bactericidals
- 8 memory keys
- 34mm slim thickness depth only

* Product usually available ex-stock *

dimensions (W x H x D) 125,0 x 280,0 x 34,0 mm

weight 900 g

HANDSFREE

FLUSH MOUNTING

IP66

- 40°C to + 70°C

**VOIP-LINE LENGTH:
UP TO 250 METRES**

Option:
Remote Monitoring by
ASTRO System Manager

P/N 8131931

BACK-BOX

Accessory for decontaminable telephones



Galvanized steel back-box for concrete wall installation of SANIVOX-SANIVOIP series telephone sets.

- 0,8mm thick (also available with 0,7mm thickness on request)

It is not necessary for installation on metal, plastic panels or sandwich panels.

dimensions (W x H x D) 107,0 x 265,0 x 56,0 mm

weight 400 g

WALL MOUNTING

P/N 7133060

BACK-BOX

Accessory for decontaminable telephones



Stainless steel back-box for surface installation of SANIVOX-SANIVOIP series telephone sets as alternative to the flush mounting installation.

dimensions (W x H x D) 135,0 x 290,0 x 36,5 mm

weight 440 g

WALL MOUNTING

ACCESSORIES

P/N 7133987

INSTALLATION KIT FOR SANIVOX/SANIVOIP

Installation and repositioning kit for SANIVOX and SANIVOIP series telephone sets.

CB Phones

INDOOR

P/N 7127525

TONO CB



Desk/wall mounting analog CB telephone

- Antishock resin made case
- Handset is equipped with an ergonomic volume adjustment
- Suitable for emergency communications
- Powered by standard analog telephone lines, either PTT trunks or PBX internal lines

HANDSET

DESK/WALL MOUNTING

0°C to + 50°C

dimensions (W x H x D) 95,0 x 245,0 x 90,0 mm

weight 800 g

P/N 7127520

FULL ANTHRACITE BASE FOR TONO BC



Full anthracite base for TONO BC telephone set series

HANDSET

DESK/WALL MOUNTING

0°C to + 50°C

dimensions (W x H x D) 90,0 x 245,0 x 48,0 mm

weight 500 g

P/N 7313625ST

RED HANDSET FOR TONO SERIES



Red handset complete of cord for TONO telephone set series

HANDSET

0°C to + 50°C

dimensions (W x H x D) 58,0 x 218,0 x 65,0 mm

weight 300 g

P/N 7127535

TONO HOT-LINE



Analog CB telephone desk/wall mounting, without keyboard for emergency communications performed by lifting the handset.

- Directly powered by standard analog lines
- Connection to PTT trunk or PBX extension lines
- Receiving volume adjustment
- Red colour

HANDSET

DESK/WALL MOUNTING

0°C to + 50°C

dimensions (W x H x D) 95,0 x 245,0 x 90,0 mm

weight 800 g

CB Phones

INDOOR

P/N 7148846

AXC500/BC



Universal amplifier/adaptor for connecting a headset directly to the analog, urban or PABX telephone line.

- Line seizing button (ON/OFF) • Listening volume adjustment
- Microphone volume adjustment • Mute button
- Socket for additional listening or recording
- No battery required • Basic model, particularly space-saving

The AXC500/BC is compatible with the following headsets:

- THS1000TC1 (P/N 7148818)
- THS1000L/2NQ (P/N 7148835)
- THS1000 V2 (P/N 7148852)

dimensions (W x H x D) 75,0 x 116,0 x 43,0 mm

weight 150 g

DESK MOUNTING

P/N 7148841

AXC1000/BC



Universal amplifier/adaptor for connecting a headset directly to the analog, urban or PABX telephone line.

- Line seizing button (ON/OFF) • Listening volume adjustment
- Microphone volume adjustment • Mute button
- Socket for additional listening or recording
- No battery required • Extra small footprint model

The AXC1000/BC is compatible with the following headsets:

- THS1000TC1 (P/N 7148818)
- THS1000L/2NQ (P/N 7148835)
- THS1000 V2 (P/N 7148852)

dimensions (W x H x D) 83,0 x 131,0 x 40,0 mm

weight 150 g

DESK MOUNTING

P/N 7148818

THS1000TC1



THS1000TC1 is a prestigious single-ear headset with a noise-cancelling microphone supported by an elegant steel tube rod with ball joint. This headset has plastic parts coloured metallic blue and has an adjustable headband made of black anodised steel.

It is light and comfortable and therefore particularly suitable for call centre operators in the same room, taking advantage of the microphone's noise-reducing characteristics.

- Ultra-light single-ear version
- Noise-cancelling microphone

HANDSFREE

P/N 7148865

QD/RJ9 CORD



Universal QD/RJ9 coiled cable, equipped with an 8-position compatibility switch to prepare the cabling for operation of the headset with all common existing equipment. Equipped with "quick disconnect" connector at one end and RJ9 connector at the other, extendable from 1.5 to 2.5 metres.

The cable is fitted with RJ9 plug and switch for universal wiring.

CB Phones

WEATHERPROOF

P/N J7132806

TTH11



Weatherproof flush-mounting analog CB telephone

- ABS material
- IP65 protection

HANDSET

FLUSH MOUNTING

IP65

dimensions (W x H x D) 91,0 x 278,0 x 110,0 mm

weight 700 g

P/N 7132442CFX

TCS2000 RV (-40°C)



Analog CB (Central Battery) weatherproof and vandalproof telephone

- IP66 protection
- No keyboard
- Die-cast "copper free" aluminium alloy case, (suitable for petro-chemical environments)
- Adjustable volume receiver (Vol + / Vol - keys)
- Adjustable volume loud bell (95dB/1m)
- Metallic spring protection for telephone cord

HANDSET

WALL MOUNTING

IP66

- 40°C to + 70°C

dimensions (W x H x D) 230,0 x 270,0 x 140,0 mm

weight 5,4 kg

P/N 7132442CXG

TCS2000 RV+G (-40°C)



Analog CB (Central Battery) weatherproof and vandalproof telephone

- IP66 protection
- No keyboard
- Die-cast "copper free" aluminium alloy case, (suitable for petro-chemical environments)
- Adjustable volume receiver (Vol + / Vol - keys)
- Adjustable volume loud bell (95dB/1m)
- Auxiliary free contact for detecting the state of the hook (closed on hook)

HANDSET

WALL MOUNTING

IP66

- 40°C to + 70°C

dimensions (W x H x D) 230,0 x 270,0 x 140,0 mm

weight 5,4 kg

P/N J7132805

TTS11 32P



Weatherproof analog CB telephone

- IP65 protection
- Telephone set material: ABS
- Case material: polyester GRP
- Wall mounting

HANDSET

WALL MOUNTING

IP65

- 20°C to + 70°C

dimensions (W x H x D) 120,0 x 380,0 x 170,0 mm

weight 2,6 kg

CB Phones

WEATHERPROOF

P/N 7132840

TT - BC



Analog CB telephone enclosed into weatherproof metal case, with door.

- Telephone set material: ABS
- Case material: stainless steel
- Protection degree IP65 even if door is open
- Handset cord with vandalproof protection

dimensions (W x H x D) 150,0 x 600,0 x 160,0 mm

HANDSET

WALL MOUNTING

IP65

- 20°C to + 70°C

P/N 7137128

TCS21



Weatherproof analog CB telephone

- GRP polyester case
- IP66 protection
- Handset
- No keyboard

dimensions (W x H x D) 227,0 x 293,0 x 135,0 mm

weight 5,21 kg

HANDSET

WALL MOUNTING

IP66

- 25°C to + 60°C

P/N 7137129

TCS26



Weatherproof analog desk/wall telephone for indoor and outdoor use

- No keyboard / No display
- Housing: impact-resistant plastic (polycarbonat)
- Ringing volume: ≥95dB(A) at 1m distance
- Mouthpiece: electret-foil microphone
- Dynamic capsule with magnetic field generator
- Steel armoured handset cord
- Optionally handset can be locked (stabilization bracket)

dimensions (W x H x D) 191,0 x 293,0 x 128,0 mm

weight 2,3 kg

HANDSET

DESK/WALL MOUNTING

IP65

- 25°C to + 55°C

ATEX

P/N 7138170

TCS22AD



- Explosion-proof analog CB telephone
- GRP polyester case • IP66 protection
 - Handset
 - No keyboard
 - ATEX Certified:
 - Ex II 2 G Ex eb mb [ib] IIC T5 Gb
 - II 2 D Ex tb [ib] IIIC T 100°C Db
 - 25°C < Ta < + 60°C
 - Ex II 2 G Ex eb mb [ib] IIC T6 Gb
 - II 2 D Ex tb [ib] IIIC T 80°C Db
 - 25°C < Ta < + 40°C

dimensions (W x H x D) 227,0 x 293,0 x 135,0 mm

weight 6,0 kg

HANDSET

WALL MOUNTING

IP66

- 25°C to + 60°C T5

- 25°C to + 40°C T6

ATEX

LB Phones

INDOOR

P/N 7122240

TONO LB/3V



Electronic LB desk/wall telephone in ABS case

- Line length up to 15km using telephone cable with 0.6mm diameter
- Ringer: 70dB/1m • Adjustable receiver volume
- Power supply: 3 to 4.5VDC
- It requires either:
 - a 3VDC power supply box (P/N 7122201) or
 - a 230VAC power supply box (P/N 7715110)

Note: an additional external ringer such as the TRILLO 201T/E (P/N 7322255) must be connected to the TONO LB/3V if the telephone is used along with the TLP97 portable LB telephone (P/N 7147102).

dimensions (W x H x D) 95,0 x 245,0 x 90,0 mm

weight 800 g

HANDSET

DESK/WALL MOUNTING

0°C to + 50°C

P/N 7122201

3VDC POWER SUPPLY BOX

Accessory for TONO BL/3V telephones



Power supply box for TONO LB telephone (P/N 7122240)

- 3 pcs. 1.5V batteries, D type - LR20 are required (not included)

dimensions (W x H x D) 85,0 x 120,0 x 60,0 mm

weight 300 g

DESK/WALL MOUNTING

P/N 7715110

230VAC POWER SUPPLY BOX

Accessory for TONO BL/3V telephones



Power supply box for TONO LB telephone (P/N 7122240)

- Floating 4V sealed battery and charging circuit powered at 230VAC

dimensions (W x H x D) 85,0 x 120,0 x 60,0 mm

weight 650 g

DESK/WALL MOUNTING

LB Phones

WEATHERPROOF

P/N 7131200

TLS2000 3V



Analog LB weatherproof and vandalproof telephone (it requires 3 pcs. LR20 1.5V batteries - type D - 60 x Ø34mm)

- No keyboard
- Die-cast "copper free" aluminium alloy case (suitable for petro-chemical environments)
- Equipped with electronic ringer current generator
- Adjustable volume loud bell (95dB/1m)
- Metallic spring protection for telephone cord

Note: if necessary, an additional external ringer such as the TRILLO 201T/E (P/N 7322255) can be connected to the telephone.

dimensions (W x H x D) 230,0 x 270,0 x 140,0 mm weight 5,9 kg

HANDSET

WALL MOUNTING

IP66

- 20°C to + 70°C

P/N 7147102

TLP97



Portable LB amplified weatherproof telephone

- 2 pcs. "stilo" (AA) 1,5V batteries (not included) are required
- Distance up to 10km using 0.6mm copper telephone cable

Available accessories:

- Jack Plug - P/N 2964156 • Socket - P/N 2964088
- Clamp TS105 - P/N 8319825 • Cable TS104 - P/N 8319826
- Carrying bag - P/N 8319812

Note: an additional external ringer such as the TRILLO 201T/E (P/N 7322255) can be connected to the TLP97.

dimensions (W x H x D) 73,0 x 246,0 x 77,0 mm weight 750 g

HANDSET

IP66

P/N 7148206

TLP182



Portable amplified headset

- Belt-box with IP50 protection requiring 2 pcs. "stilo"(AA) 1.5V batteries (not included)
- Distance up to 10km using 0.6mm diameter telephone copper cable
- Completely handsfree

Available accessories:

- Jack plug - P/N 2964156 • Socket - P/N 2964088
- Clamp TS105 - P/N 8319825 • Cable TS104 - P/N 8319826
- Carrying bag - P/N 8319812

weight 970 g

IP50

P/N J7562100

IFT100 - MAINTENANCE INTERCOM



Handsfree LB (Local Battery) maintenance intercom

- 2-wire systems in half-duplex mode
- 4-wire in full/half-duplex mode
- 4-wire + 2-wire for a call signal (6-wire full-duplex mode only)

* Intercom system used for the maintenance of the French Railways (SNCF) *

dimensions (W x H x D) 170,0 x 115,0 x 225,0 mm weight 4,375 kg

DESK MOUNTING

IP54

ACCESSORIES

P/N 8319812

G320/A



Carrying bag for sound-powered & portable telephones equipment.

Accessory for:

- G701 - P/N 8312201 rilsan telephone set
- G709 - P/N 8312101 rilsan telephone set
- G2100 - P/N 8311103 polyamide telephone set
- G711 - P/N 8311321 antistatic elastomer telephone set
- G752 - P/N 8311421 antistatic elastomer telephone set
- G852 - P/N 8311422 intrinsical safety antistatic elastomer telephone set
- TLP97 - P/N 7147102 portable LB amplified telephone
- TLP182 - P/N 7148206 portable LB amplified headset

dimensions (W x H x D) 250,0 x 400,0 x 90,0 mm

weight 460 g

P/N 2964156

JACK PLUG



Weatherproof IP54 jack plug

Accessory for all Sound-Powered and Portable Telephones

IP54

weight 75 g

P/N 2964088

SOCKET



Weatherproof IP54 jack socket

Accessory for all Sound-Powered and Portable Telephones

IP54

weight 180 g

P/N 8319825

TS105



Clamp connector for shunting any portable wired telephone and headsets on any point of a TS104 self-healing cable.

Accessory for all Sound-Powered and Portable Telephones

dimensions (W x H x D) 27,0 x 142,0 x 45,0 mm

weight 400 g

ACCESSORIES

P/N 8319826

TS104



2-wires self-healing flat cable, section 2 mmq, suitable for the shunting of TS105 clamp connector (packaged in coil of 500 metres).

Accessory for all Sound-Powered and Portable Telephones

dimensions (W x H) 16,0 x 6,0 mm

weight 120 g/m

Analog

INDOOR

P/N 7111650

CTZ1M TONO



Sound-powered telephone console

- IP50 protection
- Without outgoing calling system (incoming only)

HANDSET

DESK MOUNTING

IP50

dimensions (W x H x D) 190,0 x 133,0 x 234,0 mm

weight 2,3 kg

P/N 7111714F

CTZ1M-V TONO SP PHONE/INTERCOM



Sound-powered telephones console

- IP50 protection
- Incoming call buzzer and loud ringer interface
- Outgoing calling sound-wheel equipped

HANDSET

DESK MOUNTING

IP50

dimensions (W x H x D) 190,0 x 145,0 x 234,0 mm

weight 2,3 kg

P/N 7111640

CTZ28M



Sound-powered telephone console

- IP50 protection
- 28 lines selection keys with two-colour LED (green incoming call/red outgoing call)
 - SINGLE CALL
 - GROUP CALL
 - GENERAL CALL
- Incoming call acoustic signaller
- Incoming caller identification with LED
- Operation with 220VAC power supply or self-powered, if unavailable

HANDSET

DESK MOUNTING

IP50

dimensions (W x H x D) 285,0 x 240,0 x 150,0 mm

weight 2,9 kg

P/N J7111635

SS1/95



Sound-powered desk/wall telephone with 2 reed contacts

- IP30 protection
- Polyester GRP case
- Grey colour

HANDSET

DESK/WALL MOUNTING

IP30

dimensions (W x H x D) 90,0 x 300,0 x 105,0 mm

weight 865 g

Analog

WEATHERPROOF

P/N 7111626

TL10/GR



Sound-powered wall telephone

- IP65 protection
- Telephone set material: ABS
- Case material: polyester GRP
- Grey colour
- Outgoing calling sound-wheel equipped

HANDSET

WALL MOUNTING

IP65

dimensions (W x H x D) 120,0 x 380,0 x 170,0 mm

weight 2,95 kg

P/N 7111628

TM20/GR



Sound-powered wall telephone

- IP65 protection
- Telephone set material: ABS
- Case material: polyester GRP
- Grey colour
- Outgoing calling sound-wheel equipped
- Incoming call buzzer

HANDSET

WALL MOUNTING

IP65

dimensions (W x H x D) 120,0 x 380,0 x 170,0 mm

weight 2,95 kg

P/N 7111627

TM/10AR



Sound-powered wall telephone

- IP65 protection
- Telephone set material: ABS
- Case material: polyester GRP
- Orange colour
- Outgoing calling sound-wheel equipped

HANDSET

WALL MOUNTING

IP65

dimensions (W x H x D) 120,0 x 380,0 x 170,0 mm

weight 2,95 kg

P/N 7111629

TM/10AR



Sound-powered wall telephone

- IP65 protection
- Telephone set material: ABS
- Case material: polyester GRP
- Orange colour
- Outgoing calling sound-wheel equipped
- Polyester handset cord

HANDSET

WALL MOUNTING

IP65

dimensions (W x H x D) 120,0 x 380,0 x 170,0 mm

weight 2,95 kg

Analog

WEATHERPROOF

P/N 7111734

TM/C



Sound-powered telephone

- IP65 protection
- Telephone set material: ABS
- Case material: stainless steel
- Hermetic door
- Outgoing calling sound-wheel equipped

HANDSET

WALL MOUNTING

IP65

dimensions (W x H x D) 150,0 x 600,0 x 160,0 mm

P/N 7111713F

MANUALLY SWITCHED MAGNETOPHONIC TELEPHONE SET



Manually switched magnetophonic telephone set housed in a weatherproof polycarbonate case (GRP) and connected via a dedicated cable to the switch box, also made of GRP.

The call is sent by means of the magneto-dynamic generator (G711 vobulator), operated manually.

- No power supply required
- Switch box dimensions (W x H x D): 118,0 x 274,0 x 125,0 mm

HANDSET

WALL MOUNTING

IP65

- 40°C to + 60°C

dimensions (W x H x D) 118,0 x 417,0 x 168,0 mm

weight 3,5 kg

P/N 8311103

G2100



Sound-powered telephone

- Polyamide body
- Outgoing calling sound-wheel equipped

HANDSET

Available accessories:

- Jack Plug - P/N 2964156 • Socket - P/N 2964088
- Clamp TS105 - P/N 8319825 • Cable TS104 - P/N 8319826
- Carrying bag G/320A - P/N 8319812

dimensions (W x H x D) 67,0 x 260,0 x 122,0 mm

weight 600 g

P/N 8312201

G701



Sound-powered telephone

- Rilsan body
- Without outgoing calling system (incoming only)

HANDSET

Available accessories:

- Rubber holder - P/N 8319203
- Jack plug - P/N 2964156 • Socket - P/N 2964088
- Clamp TS105 - P/N 8319825 • Cable TS104 - P/N 8319826
- Carrying bag G/320A - P/N 8319812

dimensions (W x H x D) 58,0 x 266,0 x 95,0 mm

weight 600 g

Analog

WEATHERPROOF

P/N 8312101

G709



Sound-powered telephone

- Rilsan body
- Without outgoing calling system (incoming only) with Push-To-Talk button

Available accessories:

- Rubber holder - P/N 8319203
- Jack plug - P/N 2964156 • Socket - P/N 2964088
- Clamp TS105 - P/N 8319825 • Cable TS104 - P/N 8319826
- Carrying bag G/320A - P/N 8319812

dimensions (W x H x D) 58,0 x 266,0 x 95,0 mm

weight 700 g

HANDSET

P/N 8319203

RUBBER HOLDER



Wall mounting rubber holder

Accessory for:

- G701 - P/N 8312201 rilsan telephone set
- G709 - P/N 8312101 rilsan telephone set

dimensions (W x H x D) 84,0 x 85,0 x 75,0 mm

weight 230 g

WALL MOUNTING

P/N 8311321

G711



Weatherproof sound-powered telephone

- Antistatic elastomer body
- IP66 protection
- Outgoing calling sound-wheel equipped

Available accessories:

- G30 holder - P/N 7315630 • G24 switch holder - P/N 7315400
- Jack plug - P/N 2964156 • Socket - P/N 2964088
- Clamp TS105 - P/N 8319825 • Cable TS104 - P/N 8319826
- Carrying bag G/320A - P/N 8319812

dimensions (W x H x D) 84,0 x 330,0 x 150,0 mm

weight 1,4 kg

HANDSET

IP66

P/N 8311421

G752



Weatherproof sound-powered telephone

- Antistatic elastomer body
- IP66 protection
- Outgoing calling sound-wheel equipped
- Ex ia I Intrinsically Safe for use in gaseous mines

Available accessories:

- G30 holder - P/N 7315630
- Clamp TS105 - P/N 8319825 • Cable TS104 - P/N 8319826
- Carrying bag G/320A - P/N 8319812

HANDSET

IP66

Analog

WEATHERPROOF

P/N 8311422

G852



Weatherproof sound-powered telephone

- Antistatic elastomer body
- IP66 protection
- Outgoing calling sound-wheel equipped
- ATEX II 1G Ex ia IIC T6 intrinsical safety certified

HANDSET

IP66

ATEX

Available accessories:

- G30 holder - P/N 7315630
- Jack plug - P/N 2964156 • Socket - P/N 2964088
- Clamp TS105 - P/N 8319825 • Cable TS104 - P/N 8319826
- Carrying bag G/320A - P/N 8319812

dimensions (W x H x D) 84,0 x 330,0 x 150,0 mm

weight 1,4 kg

P/N 7315630

G30



Wall mounting stainless steel holder fitted with stainless steel anti-rolling plate, painted in black

WALL MOUNTING

Accessory for:

- G711 - P/N 8311321 antistatic elastomer telephone set
- G752 - P/N 8311421 antistatic elastomer telephone set
- G852 - P/N 8311422 intrinsical safety antistatic elastomer telephone set

dimensions (W x H x D) 120,0 x 300,0 x 110,0 mm

weight 1,0 kg

P/N 7148105

S7601



Sound-powered headset with headband

- Microphone and two earphones
- Without outgoing calling generator

Available accessories:

- G24 switch holder - P/N 7315400
- Jack plug - P/N 2964156
- Socket - P/N 2964088
- Clamp TS105 - P/N 8319825
- Cable TS104 - P/N 8319826

weight 650 g

P/N 7148106

S7701



Sound-powered headset with headcap

- Microphone and two earphones
- Without outgoing calling generator

Available accessories:

- G24 switch holder - P/N 7315400
- Jack plug - P/N 2964156
- Socket - P/N 2964088
- Clamp TS105 - P/N 8319825
- Cable TS104 - P/N 8319826

weight 650 g

Analog

WEATHERPROOF

P/N 7148110

S7703/2



Sound-powered headset with headcap

- Microphone and two earphones
- Outgoing calling generator

Available accessories:

- G24 switch holder - P/N 7315400
- Jack plug - P/N 2964156
- Socket - P/N 2964088
- Clamp TS105 - P/N 8319825
- Cable TS104 - P/N 8319826

weight 650 g

P/N 7315400

G24



Wall mounting holder with hang-up switch

Accessory for:

- G711 - P/N 8311321 antistatic elastomer telephone set
- S7601 - P/N 7148105 headset
- S7701 - P/N 7148106 sound-powered headset with headcap without outgoing calling generator
- S7703/2 - P/N 7148110 sound-powered headset with headcap with outgoing calling generator

dimensions (W x H x D) 140,0 x 165,0 x 100,0 mm

weight 850 g

Analog

EXPLOSION-PROOF

P/N 7148107

S7602/2



Sound-powered headset with headband

- Microphone and two earphones
- Without outgoing calling generator
- Certified for explosive atmospheres by Intrinsic Security group IIC

Available accessories:

- Jack plug - P/N 2964156
- Socket - P/N 2964088
- Clamp TS105 - P/N 8319825
- Cable TS104 - P/N 8319826

weight 650 g

P/N 7148109

S7603/2



Sound-powered headset with headband

- Microphone and two earphones
- Outgoing calling generator to be clipped to the belt
- Certified for explosive atmospheres by Intrinsic Security group IIC

Available accessories:

- Jack plug - P/N 2964156
- Socket - P/N 2964088
- Clamp TS105 - P/N 8319825
- Cable TS104 - P/N 8319826

weight 650 g

ACCESSORIES

P/N 8319812

G320/A



Carrying bag for sound-powered & portable telephones equipment.

Accessory for:

- G701 - P/N 8312201 rilsan telephone set
- G709 - P/N 8312101 rilsan telephone set
- G2100 - P/N 8311103 polyamide telephone set
- G711 - P/N 8311321 antistatic elastomer telephone set
- G752 - P/N 8311421 antistatic elastomer telephone set
- G852 - P/N 8311422 intrinsical safety antistatic elastomer telephone set
- TLP97 - P/N 7147102 portable LB amplified telephone
- TLP182 - P/N 7148206 portable LB amplified headset

dimensions (W x H x D) 250,0 x 400,0 x 90,0 mm

weight 460 g

P/N 2964156

JACK PLUG



Weatherproof IP54 jack plug

Accessory for all Sound-Powered and Portable Telephones

IP54

weight 75 g

P/N 2964088

SOCKET



Weatherproof IP54 jack socket

Accessory for all Sound-Powered and Portable Telephones

IP54

weight 180 g

P/N 8319825

TS105



Clamp connector for shunting any portable wired telephone and headsets on any point of a TS104 self-healing cable.

Accessory for all Sound-Powered and Portable Telephones

dimensions (W x H x D) 27,0 x 142,0 x 45,0 mm

weight 400 g

ACCESSORIES

P/N 8319826

TS104



2-wires self-healing flat cable, section 2 mmq, suitable for the shunting of TS105 clamp connector (packaged in coil of 500 metres).

Accessory for all Sound-Powered and Portable Telephones

dimensions (W x H) 16,0 x 6,0 mm

weight 120 g/m

Analog

INDOOR

P/N 7322240

TRILLO LED



Telephone ringer with optical flashing LED

- Both optical and acoustic signalling
- Loud ringer up to 90dB/1m
- Ringer volume level: high / low / off
- High efficiency optical LED
- External power supply not required
- RJ11-RJ11 telephone cable supplied (3 metres)
- RJ11 telephone splitter supplied

ACOUSTIC / LUMINOUS

WALL MOUNTING

dimensions (W x H x D) 71,0 x 115,0 x 24,0 mm

weight 100 g

P/N 7331250

TRILLO 3PN



Acoustic/luminous telephone and bell ringer for indoor use

- Adjustable volume up to 110dB/1m • Incremental ringtone: first ring at 99dB/1m
- 4 different ring tones
- Different sounds for telephone and bell calls
- Input bell call: 1,5 to 40VAC - 2,5 to 60VDC - dry contact
- 3 high efficiency LED signaling
- Output for external loudspeaker: 8W-4Ω
- Power supply: 240VAC - 50Hz
- 12VDC output for external relay bridging ringer's breaks for continuous activating of rotating lamps

ACOUSTIC / LUMINOUS

WALL MOUNTING

dimensions (W x H x D) 106,0 x 225,0 x 73,0 mm

weight 1,5 kg

Analog

WEATHERPROOF

P/N 7327265

AP29/8



Weatherproof call signalling additional to TRILLO 3P (max. 2)

- IP55 protection
- Maximum input power: 8W
- Impedance: 4Ω
- Sound intensity: 110dB/1m (adjustable)

ACOUSTIC

WALL MOUNTING

IP55

dimensions (W x H x D) 106,0 x 140,0 x 73,0 mm

weight 700 g

P/N 7322255

TRILLO 201T/E



Telephone and bell ringer

- Weatherproof IP55 protection
- External power supply not required
- Loud ringer up to 95dB/1m
- Adjustable volume and melody
- Different sounds for telephone and bell calls
- Minimum ring voltage: 10V
- Ring frequency range: 20 to 60Hz or 16 to 60Hz
- Bell input: 12 to 24VAC - 48VDC

ACOUSTIC

WALL MOUNTING

IP55

dimensions (W x H x D) 106,0 x 140,0 x 73,0 mm

weight 500 g

P/N 7322260

TRILLO FLASH 201T/E-CLEAR



Weatherproof telephone and bell ringer with XENON flashing lamp

- Clear colour lens
- Maximum acoustic output: 95dB/1m
- Power supply: 48VDC
- Operation modes: acoustic & optical, acoustic only, optical only
- Different sounds for telephone and bell calls
- Minimum ring voltage: 10V
- Ring frequency range: 20 to 60Hz or 16 to 60Hz
- Bell input: 10 to 24VAC - 10 to 48VDC - dry contact

ACOUSTIC / LUMINOUS

WALL MOUNTING

IP55

dimensions (W x H x D) 106,0 x 140,0 x 120,0 mm

weight 550 g

P/N 7322360

TRILLO FLASH 201T/E-AMBER



Weatherproof telephone and bell ringer with XENON flashing lamp

- Amber colour lens
- Maximum acoustic output: 95dB/1m
- Power supply: 48VDC
- Operation modes: acoustic & optical, acoustic only, optical only
- Different sounds for telephone and bell calls
- Minimum ring voltage: 10V
- Ring frequency range: 20 to 60Hz or 16 to 60Hz
- Bell input: 10 to 24VAC - 10 to 48VDC - dry contact

ACOUSTIC / LUMINOUS

WALL MOUNTING

IP55

dimensions (W x H x D) 106,0 x 140,0 x 120,0 mm

weight 550 g

Analog

WEATHERPROOF

P/N 7322230

TRILLO FLASH 201T/E-ORANGE



- Weatherproof telephone and bell ringer with XENON flashing lamp
- Orange colour lens
 - Maximum acoustic output: 95dB/1m
 - Power supply: 48VDC
 - Operation modes: acoustic & optical, acoustic only, optical only
 - Different sounds for telephone and bell calls
 - Minimum ring voltage: 10V
 - Ring frequency range: 20 to 60Hz or 16 to 60Hz
 - Bell input: 10 to 24VAC - 10 to 48VDC - dry contact

dimensions (W x H x D) 106,0 x 140,0 x 120,0 mm

weight 550 g

ACOUSTIC / LUMINOUS

WALL MOUNTING

IP55

P/N 7324210

S76S



- Weatherproof telephone auxiliary polarized ringer
- IP43 protection
 - External power supply not required
 - Sound intensity: 85dB/1m

dimensions (W x H x D) 170,0 x 208,0 x 115,0 mm

ACOUSTIC

WALL MOUNTING

IP43

P/N 7332400

R140A RAINBOW



- Weatherproof acoustic/luminous repeater for telephone and intercom calls with relay and RGB LED lamp
- Adjustable volume up to 120dB/1m
 - Power supply: 230VAC
 - LED RGB lamp
 - IP66 protection

dimensions (W x H x D) 240,0 x 189,0 x 152,0 mm

weight 4,5 kg

ACOUSTIC / LUMINOUS

WALL MOUNTING

IP66

230VAC power supply

P/N 7332410

R140A RAINBOW



- Weatherproof acoustic/luminous repeater for telephone and intercom calls with relay and RGB LED lamp
- Adjustable volume up to 120dB/1m
 - Power supply: 115VAC
 - LED RGB lamp
 - IP66 protection

dimensions (W x H x D) 240,0 x 189,0 x 152,0 mm

weight 4,5 kg

ACOUSTIC / LUMINOUS

WALL MOUNTING

IP66

115VAC power supply

Analog

WEATHERPROOF

P/N 7332411

R140A RAINBOW



Weatherproof acoustic/luminous repeater for telephone and intercom calls with relay and RGB LED lamp

- Adjustable volume up to 120dB/1m
- Power supply: 24÷60VDC
- LED RGB lamp
- IP66 protection

ACOUSTIC / LUMINOUS

WALL MOUNTING

IP66

24÷60VDC power supply

dimensions (W x H x D) 240,0 x 189,0 x 152,0 mm

weight 4,5 kg

P/N 7322310

HPWR11/F



Weatherproof hooter for telephone call

- Impact resistant thermoplastic (ABS)
- IP55 protection
- Built-in relay
- Sound intensity: 108dB/1m
- Power supply: 230VAC - 50Hz

ACOUSTIC

WALL MOUNTING

IP55

- 20°C to + 60°C

dimensions (W x H x D) 133,0 x 345,0 x 140,0 mm

weight 1,1 kg

P/N 7322311

HGWR11/F



Weatherproof hooter for telephone call

- Special version for naval use
- Aluminium
- IP56 protection
- Built-in relay
- Sound intensity: 108dB/1m
- Power supply: 240VAC - 60Hz

ACOUSTIC

WALL MOUNTING

IP56

- 20°C to + 60°C

dimensions (W x H x D) 133,0 x 345,0 x 140,0 mm

weight 2,7 kg

Analog

EXPLOSION-PROOF

P/N 7324311

eZW3/F



Explosion-proof telephone auxiliary ringer

- IP66 protection
- Black die-cast aluminium
- External power supply not required
- Sound intensity: 90dB/1m
- ATEX certified: II 2G Eex em [ib] IIC T6

ACOUSTIC

WALL MOUNTING

IP66

- 20°C to + 40°C

ATEX

dimensions (W x H x D) 150,0 x 137,0 x 117,0 mm

weight 900 g

P/N 7324301

dRGW21/F



Acoustical telephone call signalling device

- Explosion-proof ATEX IIC certified II 2G Eex de IIC T6
- IP66 protection
- Built-in relay
- Sound intensity: 105dB/1m
- Power supply: 230VAC - 50Hz

ACOUSTIC

WALL MOUNTING

IP66

ATEX

dimensions (W x H x D) 207,0 x 270,0 x 200,0 mm

weight 5,5 kg

P/N 7324337

dRGH21/F



Acoustical telephone call signalling hooter

- Explosion-proof ATEX II 2G Eex de IIC T6 certified
- IP66 protection
- Built-in relay
- Sound intensity: 105dB/1m
- Power supply: 230VAC - 50Hz

ACOUSTIC

WALL MOUNTING

IP66

ATEX

dimensions (W x H x D) 207,0 x 274,0 x 202,0 mm

weight 5,5 kg

Analog

EXPLOSION-PROOF

P/N 7332913

TWIN AD CLEAR



Explosion-proof acoustic/luminous telephone ringer

- ATEX II 2G EEx [ib] em IIC T6
- IP66 protection
- Sound intensity: 90dB/1m
- Clear colour lamp
- Power supply: 230VAC - 50Hz

ACOUSTIC / LUMINOUS

WALL MOUNTING

IP66

- 20°C to + 40°C

ATEX

dimensions (W x H x D) 150,0 x 190,0 x 104,0 mm

weight 1,5 kg

P/N 7332911

TWIN AD AMBER



Explosion-proof acoustic/luminous telephone ringer

- ATEX II 2G EEx [ib] em IIC T6 - IP66 protection
- Sound intensity: 90dB/1m
- Amber colour lamp
- Power supply: 230VAC - 50Hz

ACOUSTIC / LUMINOUS

WALL MOUNTING

IP66

- 20°C to + 40°C

ATEX

dimensions (W x H x D) 150,0 x 190,0 x 104,0 mm

weight 1,5 kg

P/N 7332912

TWIN AD RED



Explosion-proof acoustic/luminous telephone ringer

- ATEX II 2G EEx [ib] em IIC T6 - IP66 protection
- Sound intensity: 90dB/1m
- Red colour lamp
- Power supply: 230VAC - 50Hz

ACOUSTIC / LUMINOUS

WALL MOUNTING

IP66

- 20°C to + 40°C

ATEX

dimensions (W x H x D) 150,0 x 190,0 x 104,0 mm

weight 1,5 kg

Analog

INDOOR

P/N 7331250

TRILLO 3PN



- Acoustic/luminous telephone and bell ringer for indoor use
- Adjustable volume up to 110dB/1m • Incremental ringtone: first ring at 99dB/1m
 - 4 different ring tones
 - Different sounds for telephone and bell calls
 - Input bell call: 1,5 to 40VAC - 2,5 to 60VDC - dry contact
 - 3 high efficiency LED signaling
 - Output for external loudspeaker: 8W-4Ω
 - Power supply: 240VAC - 50Hz
 - 12VDC output for external relay bridging ringer's breaks for continuous activating of rotating lamps

dimensions (W x H x D) 106,0 x 225,0 x 73,0 mm

weight 1,5 kg

ACOUSTIC / LUMINOUS

WALL MOUNTING

P/N 7719326

AC/DC POWER SUPPLY MODULE



- 230VAC/48VDC power supply module for rack unit (P/N 7719325)
- Input voltage: 100÷230VAC - 50/60Hz
 - Input current: 13A
 - Output voltage: 48VDC
 - Output current: 21A
 - Output power: 1000W
 - Hot-swap & PFC (Power Factor Correction) functions
 - Built-in OR-ing diode

dimensions (W x H x D) 127,0 x 41,0 x 325,0 mm

weight 1,75 kg

RACK MOUNTING

- 20°C to + 60°C

P/N 7719325

RACK UNIT FOR AC/DC POWER SUPPLY MODULE



- 19" 1U rack mounting unit for 230VAC/48VDC power supply module (P/N 7719326).
- 3 slots
 - Input voltage: 100÷230VAC - 50/60Hz
 - Input current: 13A (each input)
 - Output voltage: 48VDC
 - Maximum output current: 63A (21A for each module P/N 7719326)
 - Output power: 3000W (1000W for each module P/N 7719326)
 - Hot-swap & Power sharing functions
 - IEC320-C14 input socket

dimensions (W x H x D) 484,0 x 44,0 x 358,0 mm

weight 3,6 kg

RACK MOUNTING

Analog

WEATHERPROOF

P/N 7327265

AP29/8



Weatherproof call signalling additional to TRILLO 3P (max. 2)

- IP55 protection
- Maximum input power: 8W
- Impedance: 4Ω
- Sound intensity: 110dB/1m (adjustable)

ACOUSTIC

WALL MOUNTING

IP55

dimensions (W x H x D) 106,0 x 140,0 x 73,0 mm

weight 700 g

P/N 7322255

TRILLO 201T/E



Telephone and bell ringer

- Weatherproof IP55 protection
- External power supply not required
- Loud ringer up to 95dB/1m
- Adjustable volume and melody
- Different sounds for telephone and bell calls
- Minimum ring voltage: 10V
- Ring frequency range: 20 to 60Hz or 16 to 60Hz
- Bell input: 12 to 24VAC - 48VDC

ACOUSTIC

WALL MOUNTING

IP55

dimensions (W x H x D) 106,0 x 140,0 x 73,0 mm

weight 500 g

P/N 7322260

TRILLO FLASH 201T/E-CLEAR



Weatherproof telephone and bell ringer with XENON flashing lamp

- Clear colour lens
- Maximum acoustic output: 95dB/1m
- Power supply: 48VDC
- Operation modes: acoustic & optical, acoustic only, optical only
- Different sounds for telephone and bell calls
- Minimum ring voltage: 10V
- Ring frequency range: 20 to 60Hz or 16 to 60Hz
- Bell input: 10 to 24VAC - 10 to 48VDC - dry contact

ACOUSTIC / LUMINOUS

WALL MOUNTING

IP55

dimensions (W x H x D) 106,0 x 140,0 x 120,0 mm

weight 550 g

P/N 7322360

TRILLO FLASH 201T/E-AMBER



Weatherproof telephone and bell ringer with XENON flashing lamp

- Amber colour lens
- Maximum acoustic output: 95dB/1m
- Power supply: 48VDC
- Operation modes: acoustic & optical, acoustic only, optical only
- Different sounds for telephone and bell calls
- Minimum ring voltage: 10V
- Ring frequency range: 20 to 60Hz or 16 to 60Hz
- Bell input: 10 to 24VAC - 10 to 48VDC - dry contact

ACOUSTIC / LUMINOUS

WALL MOUNTING

IP55

dimensions (W x H x D) 106,0 x 140,0 x 120,0 mm

weight 550 g

Analog

WEATHERPROOF

P/N 7322230

TRILLO FLASH 201T/E-ORANGE



- Weatherproof telephone and bell ringer with XENON flashing lamp
- Orange colour lens
 - Maximum acoustic output: 95dB/1m
 - Power supply: 48VDC
 - Operation modes: acoustic & optical, acoustic only, optical only
 - Different sounds for telephone and bell calls
 - Minimum ring voltage: 10V
 - Ring frequency range: 20 to 60Hz or 16 to 60Hz
 - Bell input: 10 to 24VAC - 10 to 48VDC - dry contact

dimensions (W x H x D) 106,0 x 140,0 x 120,0 mm

weight 550 g

ACOUSTIC / LUMINOUS

WALL MOUNTING

IP55

P/N 7332400

R140A RAINBOW



- Weatherproof acoustic/luminous repeater for telephone and intercom calls with relay and RGB LED lamp
- Adjustable volume up to 120dB/1m
 - Power supply: 230VAC
 - LED RGB lamp
 - IP66 protection

dimensions (W x H x D) 240,0 x 189,0 x 152,0 mm

weight 4,5 kg

ACOUSTIC / LUMINOUS

WALL MOUNTING

IP66

230VAC power supply

P/N 7332410

R140A RAINBOW



- Weatherproof acoustic/luminous repeater for telephone and intercom calls with relay and RGB LED lamp
- Adjustable volume up to 120dB/1m
 - Power supply: 115VAC
 - LED RGB lamp
 - IP66 protection

dimensions (W x H x D) 240,0 x 189,0 x 152,0 mm

weight 4,5 kg

ACOUSTIC / LUMINOUS

WALL MOUNTING

IP66

115VAC power supply

P/N 7332411

R140A RAINBOW



- Weatherproof acoustic/luminous repeater for telephone and intercom calls with relay and RGB LED lamp
- Adjustable volume up to 120dB/1m
 - Power supply: 24÷60VDC
 - LED RGB lamp
 - IP66 protection

dimensions (W x H x D) 240,0 x 189,0 x 152,0 mm

weight 4,5 kg

ACOUSTIC / LUMINOUS

WALL MOUNTING

IP66

24÷60VDC power supply

Analog

WEATHERPROOF

P/N 7332400

R140A RAINBOW



Weatherproof acoustic/luminous repeater for telephone and intercom calls with relay and RGB LED lamp

- Adjustable volume up to 120dB/1m
- Power supply: 230VAC
- LED RGB lamp
- IP66 protection

ACOUSTIC / LUMINOUS
WALL MOUNTING
IP66

230VAC power supply

dimensions (W x H x D) 240,0 x 189,0 x 152,0 mm

weight 4,5 kg

P/N 7332410

R140A RAINBOW



Weatherproof acoustic/luminous repeater for telephone and intercom calls with relay and RGB LED lamp

- Adjustable volume up to 120dB/1m
- Power supply: 115VAC
- LED RGB lamp
- IP66 protection

ACOUSTIC / LUMINOUS
WALL MOUNTING
IP66

115VAC power supply

dimensions (W x H x D) 240,0 x 189,0 x 152,0 mm

weight 4,5 kg

P/N 7332411

R140A RAINBOW



Weatherproof acoustic/luminous repeater for telephone and intercom calls with relay and RGB LED lamp

- Adjustable volume up to 120dB/1m
- Power supply: 24÷60VDC
- LED RGB lamp
- IP66 protection

ACOUSTIC / LUMINOUS
WALL MOUNTING
IP66

24÷60VDC power supply

dimensions (W x H x D) 240,0 x 189,0 x 152,0 mm

weight 4,5 kg

Analog

WEATHERPROOF

P/N 7332400

R140A RAINBOW



Weatherproof acoustic/luminous repeater for telephone and intercom calls with relay and RGB LED lamp

- Adjustable volume up to 120dB/1m
- Power supply: 230VAC
- LED RGB lamp
- IP66 protection

ACOUSTIC / LUMINOUS

WALL MOUNTING

IP66

230VAC power supply

dimensions (W x H x D) 240,0 x 189,0 x 152,0 mm

weight 4,5 kg

P/N 7332410

R140A RAINBOW



Weatherproof acoustic/luminous repeater for telephone and intercom calls with relay and RGB LED lamp

- Adjustable volume up to 120dB/1m
- Power supply: 115VAC
- LED RGB lamp
- IP66 protection

ACOUSTIC / LUMINOUS

WALL MOUNTING

IP66

115VAC power supply

dimensions (W x H x D) 240,0 x 189,0 x 152,0 mm

weight 4,5 kg

P/N 7332411

R140A RAINBOW



Weatherproof acoustic/luminous repeater for telephone and intercom calls with relay and RGB LED lamp

- Adjustable volume up to 120dB/1m
- Power supply: 24÷60VDC
- LED RGB lamp
- IP66 protection

ACOUSTIC / LUMINOUS

WALL MOUNTING

IP66

24÷60VDC power supply

dimensions (W x H x D) 240,0 x 189,0 x 152,0 mm

weight 4,5 kg

P/N 7324232

AW1/F



Weatherproof ringer

- IP55 protection
- SPL 1W/1m: 105dB
- Power supply: 230VAC - 50Hz

ACOUSTIC

WALL MOUNTING

IP55

dimensions (W x H x D) 140,0 x 150,0 x 110,0 mm

weight 1,45 kg

Analog

WEATHERPROOF

P/N 7324240

EV21/F



Weatherproof electronic acoustical signal device

- IP54 protection
- 3 tones available from a choice of 21 different ones
- SPL 1W/1m: 105dB
- Power supply: 230VAC - 50Hz

ACOUSTIC

WALL MOUNTING

IP54

dimensions (W x H x D) 107,0 x 140,0 x 116,0 mm

weight 1,7 kg

P/N 7324222

HPW11/F



Weatherproof hooter

- Impact resistant thermoplastic (ABS)
- IP55 protection
- SPL 1W/1m: 108dB
- Power supply: 230VAC - 50Hz

ACOUSTIC

WALL MOUNTING

IP55

- 20°C to + 60°C

dimensions (W x H x D) 133,0 x 345,0 x 140,0 mm

weight 1,1 kg

P/N 7324223

HGW11/F



Weatherproof hooter

- Special version for naval use
- Aluminium
- IP56 protection
- SPL 1W/1m: 108dB
- Power supply: 240VAC - 60Hz

ACOUSTIC

WALL MOUNTING

IP56

- 20°C to + 60°C

dimensions (W x H x D) 133,0 x 345,0 x 140,0 mm

weight 2,7 kg

Analog

WEATHERPROOF

P/N D00153

F BLUE FIXED 12-40VDC LAMP



Multi-voltage blue light lamp

- Voltage: 12÷40VDC
- Current draw: 0,2A/LED x 30
- Flash rate: 180/minute
- Dome material: polycarbonate
- Enclosure rating: NEMA 4X, IP66

Product specially suitable for TAS2000 VOIP INFO SOS BLS (P/N D001153ter).

dimensions Ø 128,0 x 90,0 mm

LUMINOUS

WALL MOUNTING
IP66

P/N 7329105

BLG10/F



Weatherproof luminous signal device

- IP67 protection
- 10 Joule amber colour strobe light lamp
- Power supply: 230VAC - 50Hz

dimensions Ø 150,0 x 152,0 mm

weight 450 g

LUMINOUS

WALL MOUNTING
IP67

P/N 7329116

BLK50/F



Weatherproof luminous signal device

- IP65 protection
- 15 Joule red colour flash lamp
- Power supply: 230VAC - 50Hz

dimensions (W x H x D) 107,0 x 140,0 x 104,0 mm

weight 700 g

LUMINOUS

WALL MOUNTING
IP65

Analog

EXPLOSION-PROOF

P/N 7324341

FETH12-12/24VDC/AC



- Explosion-proof acoustic signal device
- Aluminium alloy low copper content
 - Speaker horn chrome ABS
 - IP65 protection
 - ATEX protection:
 - II 2GD Ex d IIC T6 Gb
 - Ex tb IIIC T85°C Db
 - 32 tones available
 - SPL 1W/1m: 109dB
 - Epoxy coating standard RAL7000 colour
 - Power supply: 12-24VDC/VAC

dimensions Ø 137,0 x 202,0 mm

weight 1,25 kg

ACOUSTIC

WALL MOUNTING

IP65

-20°C to +55°C

ATEX

P/N 7324344

FETH20MD-12/24VDC/AC



- Explosion-proof acoustic signal device
- Aluminium alloy low copper content
 - IP66 protection
 - ATEX protection:
 - II 2G Ex d IIC T4 Gb
 - II 2D Ex tb IIIC T130°C Db IP6X
 - 32 tones available
 - SPL 1W/1m: 119dB
 - Standard product with epoxy coating gray RAL7000 colour (optional red RAL3000 colour) on back box
 - Power supply: 12-24VDC/VAC

dimensions Ø 264,0 x 367,0 mm

weight 3,1 kg

ACOUSTIC

WALL MOUNTING

IP66

-50°C to +60°C

ATEX

P/N 7324345

FETH20MD-48VAC



- Explosion-proof acoustic signal device
- Aluminium alloy low copper content
 - IP66 protection
 - ATEX protection:
 - II 2G Ex d IIC T4 Gb
 - II 2D Ex tb IIIC T130°C Db IP6X
 - 32 tones available
 - SPL 1W/1m: 117dB
 - Standard product with epoxy coating gray RAL7000 colour (optional red RAL3000 colour) on back box
 - Power supply: 48VAC

dimensions (W x H x D) Ø 264,0 x 367,0 mm

weight 3,25 kg

ACOUSTIC

WALL MOUNTING

IP66

ATEX

P/N 7324346

FETH20MD-48VDC



- Explosion-proof acoustic signal device
- Aluminium alloy low copper content
 - IP66 protection
 - ATEX protection:
 - II 2G Ex d IIC T4 Gb
 - II 2D Ex tb IIIC T130°C Db IP6X
 - 32 tones available
 - SPL 1W/1m: 117dB
 - Standard product with epoxy coating gray RAL7000 colour (optional red RAL3000 colour) on back box
 - Power supply: 48VDC

dimensions Ø 264,0 x 367,0 mm

weight 3,1 kg

ACOUSTIC

WALL MOUNTING

IP66

ATEX

Analog

EXPLOSION-PROOF

P/N 7324347

FETH20MD-110/115VAC



Explosion-proof acoustic signal device

- Aluminium alloy low copper content
- IP66 protection
- ATEX protection:
 - II 2G Ex d IIC T4 Gb
 - II 2D Ex tb IIIC T130°C Db IP6X
- 32 tones available
- SPL 1W/1m: 119dB
- Standard product with epoxy coating gray RAL7000 colour (optional red RAL3000 colour) on back box
- Power supply: 110/115VAC - 50/60 Hz

dimensions Ø 264,0 x 367,0 mm

weight 3,25 kg

ACOUSTIC

WALL MOUNTING

IP66

-50°C to +60°C

ATEX

P/N 7324348

FETH20MD-110/115VAC



Explosion-proof acoustic signal device

- Aluminium alloy low copper content
- IP66 protection
- ATEX protection:
 - II 2G Ex d IIC T4 Gb
 - II 2D Ex tb IIIC T130°C Db IP6X
- 32 tones available
- SPL 1W/1m: 119dB
- Standard product with epoxy coating red RAL3000 colour (optional gray RAL7000 colour) on back box
- Power supply: 110/115VAC - 50/60 Hz

dimensions Ø 264,0 x 367,0 mm

weight 3,25 kg

ACOUSTIC

WALL MOUNTING

IP66

-50°C to +60°C

ATEX

P/N 7324342

FETH12-230VAC



Explosion-proof acoustic signal device

- Aluminium alloy low copper content
- Speaker horn chrome ABS
- IP65 protection
- ATEX protection:
 - II 2GD Ex d IIC T6 Gb
 - Ex tb IIIC T85°C Db
- 32 tones available
- SPL 1W/1m: 109dB
- Epoxy coating standard RAL7000 colour
- Power supply: 230VAC

dimensions Ø 137,0 x 202,0 mm

weight 1,4 kg

ACOUSTIC

WALL MOUNTING

IP65

-20°C to +55°C

ATEX

P/N 7324343

FETH20MD-230VAC



Explosion-proof acoustic signal device

- Aluminium alloy low copper content
- IP66 protection
- ATEX protection:
 - II 2G Ex d IIC T4 Gb
 - II 2D Ex tb IIIC T130°C Db IP6X
- 32 tones available
- SPL 1W/1m: 119dB
- Standard product with epoxy coating gray RAL7000 colour (optional red RAL3000 colour) on back box
- Power supply: 230VAC

dimensions Ø 264,0 x 367,0 mm

weight 3,25 kg

ACOUSTIC

WALL MOUNTING

IP66

-50°C to +60°C

ATEX

Analog

EXPLOSION-PROOF

P/N 7324303

dGW21/F



Acoustical signalling device

- Explosion-proof ATEX II 2G Eex de IIC T6 certified
- IP66 protection
- Without built-in relay
- Sound intensity: 105dB/1m
- Power supply: 230VAC - 50Hz

ACOUSTIC

WALL MOUNTING

IP66

ATEX

dimensions (W x H x D) 207,0 x 270,0 x 200,0 mm

weight 5,5 kg

P/N 7324305

dGH21/F



Acoustical signalling hooter

- Explosion-proof ATEX II 2G Eex de IIC T6 certified
- IP66 protection
- Without built-in relay
- SPL 1W/1m: 105dB
- Power supply: 230VAC - 50Hz

ACOUSTIC

WALL MOUNTING

IP66

ATEX

dimensions (W x H x D) 207,0 x 274,0 x 202,0 mm

weight 5,5 kg

Analog

EXPLOSION-PROOF

P/N 7329307

dSLB20



Explosion-proof luminous signal emitter

- ATEX II 2G Ex de IIC T5,T6 Gb - IP66 protection
- 15 Joule flash
- Power supply: 21÷53VDC
- Red lamp

LUMINOUS

WALL MOUNTING

IP66

ATEX

dimensions (W x H x D) 110,0 x 243,0 x 110,0 mm

weight 2,0 kg

P/N 7329314

dSLB20/F



Explosion-proof luminous signal emitter

- ATEX II 2G Ex de IIC T5,T6 Gb - IP67 protection
- 15 Joule flash
- Power supply: 230V - 50Hz
- Red lamp

LUMINOUS

WALL MOUNTING

IP67

ATEX

dimensions (W x H x D) 110,0 x 243,0 x 110,0 mm

weight 2,0 kg

P/N 7329338

F/EVC50/6J-24VDC RED



Explosion-proof luminous signal emitter

- IP66 protection
- ATEX II2G Ex d IIC T6
- 6 Joule XENOFASH red colour lamp (on request: green, blue, amber colour)
- Power supply: 24VDC (on request: 48VAC, 110VAC, 230VAC)

LUMINOUS

WALL MOUNTING

IP66

- 20°C to + 40°C

ATEX

dimensions Ø 135,0 x 180,0 mm

weight 1,66 kg

P/N 7329339

F/EVC50/6J-48VDC RED



Explosion-proof luminous signal emitter

- IP66 protection
- ATEX II2G Ex d IIC T6
- 6 Joule XENOFASH red colour lamp (on request: green, blue, amber colour)
- Power supply: 48VDC (on request: 12-24VAC/VDC, 115VAC, 230VAC)

LUMINOUS

WALL MOUNTING

IP66

- 20°C to + 40°C

ATEX

dimensions Ø 135,0 x 180,0 mm

weight 1,66 kg

Analog

EXPLOSION-PROOF

P/N 7329330

F/EVC50/6J-48VDC AMBER



Explosion-proof luminous signal emitter

- IP66 protection
- ATEX II2G Ex d IIC T6
- 6 Joule XENOFASH amber colour lamp (on request: red, green, blue colour)
- Power supply: 48VDC (on request: 12-24VAC/VDC, 48VAC, 110VAC, 230VAC)

dimensions Ø 135,0 x 180,0 mm

weight 1,66 kg

LUMINOUS

WALL MOUNTING

IP66

- 20°C to + 40°C

ATEX

P/N 7329331

F/EVC50/6J-230VAC RED



Explosion-proof luminous signal emitter

- IP66 protection
- ATEX II2G Ex d IIC T6
- 6 Joule XENOFASH red colour lamp (on request: green, blue, amber colour)
- Power supply: 230VAC (on request: 12-24VAC/VDC, 48VAC, 110VAC)

dimensions (W x H x D) Ø 135,0 x 180,0 mm

weight 1,66 kg

LUMINOUS

WALL MOUNTING

IP66

- 20°C to + 40°C

ATEX

P/N 7329337

F/EVC50/12J-115VAC RED



Explosion-proof luminous signal emitter

- IP66 protection
- ATEX II2G Ex d IIC T6
- 12 Joule XENOFASH red colour lamp (on request: green, blue, amber colour)
- Power supply: 115VAC (on request: 12-24VAC/VDC, 48VAC, 115VAC, 230VAC)

dimensions Ø 135,0 x 220,0 mm

weight 1,66 kg

LUMINOUS

WALL MOUNTING

IP66

- 20°C to + 40°C

ATEX

P/N 7329335

F/EVC50/12J-230VAC RED



Explosion-proof luminous signal emitter

- IP66 protection
- ATEX II2G Ex d IIC T6
- 12 Joule XENOFASH red colour lamp (on request: green, blue, amber colour)
- Power supply 230VAC (on request: 12-24VAC/VDC, 48VAC, 110VAC)

dimensions (W x H x D) Ø 135,0 x 220,0 mm

weight 1,66 kg

LUMINOUS

WALL MOUNTING

IP66

- 20°C to + 40°C

ATEX

Analog

EXPLOSION-PROOF

P/N 7329332

F/EVC50/16J-230VAC RED



Explosion-proof luminous signal emitter

- IP66 protection
- ATEX II2G Ex d IIC T6
- 16 Joule XENOFASH red colour lamp (on request: green, blue, amber colour)
- Power supply: 230VAC (on request: 12-24VAC/VDC, 48VAC, 110VAC)

LUMINOUS

WALL MOUNTING

IP66

- 20°C to + 40°C

ATEX

dimensions Ø 135,0 x 180,0 mm

weight 1,66 kg

P/N 7329333

F/EVC50/21J-230VAC RED



Explosion-proof luminous signal emitter

- IP66 protection
- ATEX II2G Ex d IIC T6
- 21 Joule XENOFASH red colour lamp (on request: green, blue, amber colour)
- Power supply: 230VAC (on request: 12-24VAC/VDC, 48VAC, 110VAC)

LUMINOUS

WALL MOUNTING

IP66

- 20°C to + 40°C

ATEX

dimensions Ø 135,0 x 180,0 mm

weight 1,66 kg

P/N 7329336

F/EVA50/6J-24VDC/24VAC RED



Explosion-proof luminous signal emitter

- IP66 protection
- ATEX II2G Ex d IIC T6
- 6 Joule XENOFASH red colour lamp (on request: green, blue, amber colour)
- Power supply: 12-24VAC/VDC (on request: 48VAC, 115VAC, 230VAC)

LUMINOUS

POLE MOUNTING

IP66

- 20°C to + 40°C

ATEX

dimensions Ø 135,0 x 195,0 mm

weight 1,66 kg

P/N 7329336x

F/EVA50/21J-24VDC/24VAC RED



Explosion-proof luminous signal emitter

- IP66 protection
- ATEX II2G Ex d IIC T6
- 21 Joule XENOFASH red colour lamp (on request: green, blue, amber colour)
- Power supply: 12-24VAC/VDC (on request: 48VAC, 115VAC, 230VAC)

LUMINOUS

POLE MOUNTING

IP66

- 20°C to + 40°C

ATEX

dimensions Ø 135,0 x 195,0 mm

weight 1,66 kg

Analog

EXPLOSION-PROOF

P/N 7329340

F/EVA50/21J-230VAC RED



Explosion-proof luminous signal emitter

- IP66 protection
- ATEX II2G Ex d IIC T6
- 21 Joule XENOFASH red colour lamp (on request: green, blue, amber colour)
- Power supply: 230VAC (on request: 12-24VAC/VDC, 48VAC, 115VAC)

LUMINOUS

POLE MOUNTING

IP66

- 20°C to + 40°C

ATEX

dimensions Ø 135,0 x 195,0 mm

weight 1,66 kg

P/N 7329341

F/EVA50/21J-230VAC AMBER



Explosion-proof luminous signal emitter

- IP66 protection
- ATEX II2G Ex d IIC T6
- 21 Joule XENOFASH amber colour lamp (on request: red, green, blue colour)
- Power supply: 230VAC (on request: 12-24VAC/VDC, 48VAC, 115VAC)

LUMINOUS

POLE MOUNTING

IP66

- 20°C to + 40°C

ATEX

dimensions Ø 135,0 x 195,0 mm

weight 1,66 kg

P/N 7329334

GUARD

Accessory for F/EVA and F/EVC signalling devices



Stainless steel 316L electro-polished guard

- Protection for F/EVA50 and F/EVC50 signalling devices (P/Ns: 7329331, 7329332 and 7329333)

Analog

INDOOR

P/N 7331500

R118E



Multi-voltage electronic telephone ringer's relay

- Suitable for loads at 115-230VAC (max. 5A) or 24÷48VDC (max. 1A)
- Indoor version for mounting on DIN rail
- 2 output contacts: one repeats the ringing signal cadence, the other one bridges the call breaks

DIN RAIL MOUNTING

dimensions (W x H x D) 91,0 x 72,0 x 71,0 mm

weight 220 g

Analog

WEATHERPROOF

P/N 7332230

R118ES



Multi-voltage electronic telephone ringer's relay

- Suitable for loads at 115-230VAC (max. 5A) or 24÷48VDC (max. 1A)
- Aluminium die-cast weatherproof case
- Two output contacts: one repeats the ringing signal cadence, the other one bridges the call breaks
- IP66 protection (without cable gland)

WALL MOUNTING

IP66

dimensions (W x H x D) 165,0 x 140,0 x 66,0 mm

weight 700 g

Analog

EXPLOSION-PROOF

P/N 7333140

R118EAD



Multi-voltage electronic telephone ringer's relay

- Suitable for loads at 115÷230VAC (max. 5A) or 24÷48VDC (max. 1A)
- Explosion-proof ATEX case
- 2 output contacts: one repeats the ringing signal cadence, the other one bridges the call breaks
- IP66 protection (without cable gland)

WALL MOUNTING

IP66

ATEX

dimensions (W x H x D) 198,0 x 150,0 x 130,0 mm

weight 3,0 kg

P/N 7715310

24-48VDC BEACON CONTROL UNIT



Relay card, in ATEX explosion-proof case, to activate telephone call signallers for the TASVOIP-Ex telephone series.

- 24÷48VDC power supply
- IP66 GUB0 ATEX explosion-proof housing
- Light grey colour (RAL7035)

dimensions (W x H x D) 200,0 x 130,0 x 140,0 mm

weight 2,8 kg

WALL MOUNTING

IP66

- 40°C to + 55°C

ATEX

**VOIP-LINE LENGTH:
UP TO 180 METRES**

*Option:
Remote Monitoring by
ASTRO System Manager*

P/N 7715312

24-48VDC BEACON CONTROL UNIT WITH 2 LOUDSPEAKER OUTPUTS



Relay card, in ATEX explosion-proof case, to activate telephone call signallers for the TASVOIP-Ex telephone series.

- 24÷48VDC power supply
- IP66 GUB0 ATEX explosion-proof housing
- 2 outputs for connecting 2 explosion-proof loudspeakers
- Light grey colour (RAL7035)

dimensions (W x H x D) 200,0 x 130,0 x 140,0 mm

weight 2,8 kg

WALL MOUNTING

IP66

- 40°C to + 55°C

ATEX

**VOIP-LINE LENGTH:
UP TO 180 METRES**

*Option:
Remote Monitoring by
ASTRO System Manager*

P/N 7715311A

90-260VAC BEACON CONTROL UNIT



Relay card, in ATEX explosion-proof case, to activate telephone call signallers for the TASVOIP-Ex telephone series.

- 90÷260VAC power supply
- IP66 GUB0 ATEX explosion-proof housing
- Light grey colour (RAL7035)

dimensions (W x H x D) 200,0 x 130,0 x 140,0 mm

weight 2,95 kg

WALL MOUNTING

IP66

- 40°C to + 55°C

ATEX

**VOIP-LINE LENGTH:
UP TO 180 METRES**

*Option:
Remote Monitoring by
ASTRO System Manager*

Analog

WEATHERPROOF

P/N 7327156

XP14N/24-48



Amplified 15W loudspeaker

- ABS enclosure
- Weatherproof IP55 protection
- Supply voltage: 24÷48VDC
- RAL7035

WALL MOUNTING

IP55

- 40°C to + 70°C

dimensions (W x H x D) 165,0 x 220,0 x 250,0 mm

weight 1,85 kg

P/N 7327166

XPR14N/24-48



Amplified 15W loudspeaker

- ABS enclosure
- Weatherproof IP55 protection
- Supply voltage: 24÷48VDC
- RAL7035

**SELF-ADJUSTING
AMPLIFIED VOLUME
WALL MOUNTING**

IP55

- 40°C to + 70°C

* Special version including the "self-adjustment" of the output volume, according to the "previous" ambient noise level *

dimensions (W x H x D) 165,0 x 220,0 x 250,0 mm

weight 1,85 kg

P/N 7327375

XP11L/24-48



Weatherproof horn loudspeaker

- IP65 protection
- 25W built-in amplifier
- Supply voltage: 24÷48VDC
- Fitted with 2m length connecting cable

WALL MOUNTING

IP65

dimensions Ø 315,0 x 345,0 mm

weight 3,45 kg

P/N 7327377

XP11LE/24-48



Weatherproof horn loudspeaker

- IP65 protection
- 25W built-in amplifier
- Supply voltage: 24÷48VDC
- Fitted with 80cm length connecting cable and kit with 6-pole connector (P/N 7327363)

WALL MOUNTING

IP65

dimensions Ø 315,0 x 345,0 mm

weight 3,45 kg

Analog

WEATHERPROOF

P/N 7327363

KIT WITH 6-POLE CONNECTOR

Accessory for XP11 & XP14 series loudspeakers



- Armoured connecting cable
- Weatherproof protection
 - Threaded inlet (loudspeaker side) 3/8" GAS
 - Detachable 6-pole male plug to be wired to the loudspeaker cable
 - 80cm cable length
 - Suitable for 6-pole female socket (P/N 7327364)

ACCESSORIES

weight 480 g

P/N 7327364

KIT WITH 6-POLE SOCKET

Accessory for XP11 & XP14 series loudspeakers



- 6-poles socket with weatherproof cover and safety hooking
- 2-entry wall mounting case with snap cover and security lock
 - 6-pole female connector
 - 2 threaded PG16 entries
 - Suitable for 6-pole male connector (P/N 7327363)

ACCESSORIES

WALL MOUNTING

weight 320 g

P/N 7327376

XPR11L/24-48



- Waterproof horn loudspeaker
- IP65 protection
 - 25W built-in amplifier
 - Supply voltage: 24÷48VDC
 - Fitted with 2m length connecting cable

* Special version including the "self-adjustement" of the output volume, according to the "previous" ambient noise level *

SELF-ADJUSTING
AMPLIFIED VOLUME
WALL MOUNTING
IP65

dimensions Ø 315,0 x 345,0 mm

weight 3,45 kg

P/N J7327016

BIVOX/IR



- Acoustic diffusion set, equipped with 2 loudspeakers
- Equipped with 2 amplified loudspeakers
 - IP54 protection
 - 6W max. output power
 - Protruding or flush mounting
 - Vandalproof version
 - Easy set-up & volume adjustment with IR100 infrared remote control (P/N 7327018)
 - Power supply: 24VDC (18VDC to 36VDC)

* Product especially suitable for city-buses *

dimensions (W x H x D) 265,0 x 80,0 x 95,0 mm

weight 1,14 kg

WALL/FLUSH MOUNTING
IP54

- 20°C to + 60°C

P/N 7327018

IR100

Accessory for BIVOX/IR loudspeaker



Infrared remote control, suitable for BIVOX/IR diffusion set (P/N J7327016).

P/N 7719268

230VAC/48VDC-4,2A POWER SUPPLY UNIT IN WEATHERPROOF CASE



230VAC/48VDC@4,2A power supply unit in weatherproof case

- Steel FE40 housing complete of:
 - upper and lower removable gland plates for cable entry
 - hinged blind door with lock and key
 - support plate
 - terminal blocks & terminals support
- Protection degree: IP65
- Colour: grey (RAL7035)

WALL MOUNTING
IP65

dimensions (W x H x D) 250,0 x 300,0 x 155,0 mm

weight 2,5 kg

P/N 7327521

XP14/IP



Weatherproof IP PoE+ sound projector with automatic volume control

- ABS VO body
- Protection class: IP55
- 15W built-in class-D amplifier
- Maximum output power:
 - PoE+ (802.3at): 15W
 - PoE (802.3af): 10W
- 10BASE-T/100BASETX network interface
- Maximum connection distance: 250m with standard Cat.5e cable
- RAL7035

dimensions (W x H x D) 165,0 x 220,0 x 250,0 mm

weight 2,0 kg

**SELF-ADJUSTING
AMPLIFIED VOLUME
WALL MOUNTING**

IP55

- 40°C to + 70°C

**VOIP-LINE LENGTH:
UP TO 250 METRES**

*Option:
Remote Monitoring by
ASTRO System Manager*

P/N 7327520

XP12/IP



Weatherproof IP PoE+ horn loudspeaker with automatic volume control.

- Impact-resistant die-cast aluminum alloy
- Protection class: IP66
- 25W built-in class-D amplifier
- Maximum output power:
 - PoE+ (802.3at): 25W
 - PoE (802.3af): 10W
- 10BASE-T/100BASETX network interface
- Maximum connection distance: 250m with standard Cat.5e cable

dimensions Ø 265,0 x 420,0 mm

weight 6,0 kg

**SELF-ADJUSTING
AMPLIFIED VOLUME
WALL MOUNTING**

IP66

- 40°C to + 60°C

**VOIP-LINE LENGTH:
UP TO 250 METRES**

*Option:
Remote Monitoring by
ASTRO System Manager*

P/N 7327522

XP11L/IP



Weatherproof IP PoE+ horn loudspeaker with automatic volume control.

- Impact-resistant die-cast aluminum alloy
- Protection class: IP66
- 25W built-in class-D amplifier
- Maximum output power:
 - PoE+ (802.3at): 25W
 - PoE (802.3af): 10W
- 10BASE-T/100BASETX network interface
- Maximum connection distance: 250m with standard Cat.5e cable

dimensions Ø 315,0 x 345,0 mm

weight 6,0 kg

**SELF-ADJUSTING
AMPLIFIED VOLUME
WALL MOUNTING**

IP66

- 40°C to + 70°C

**VOIP-LINE LENGTH:
UP TO 250 METRES**

*Option:
Remote Monitoring by
ASTRO System Manager*

P/N 7327523

XP11LR/IP



Weatherproof IP PoE+ horn loudspeaker with automatic volume control.

- Impact-resistant die-cast aluminum alloy
- Protection class: IP66
- 25W built-in class-D amplifier
- Maximum output power:
 - PoE+ (802.3at): 25W
 - PoE (802.3af): 10W
- 10BASE-T/100BASETX network interface
- Internal auxiliary card for additional applications
- Maximum connection distance: 250m with standard Cat.5e cable

dimensions Ø 315,0 x 345,0 mm

weight 6,0 kg

**SELF-ADJUSTING
AMPLIFIED VOLUME
WALL MOUNTING**

IP66

- 40°C to + 70°C

**VOIP-LINE LENGTH:
UP TO 250 METRES**

*Option:
Remote Monitoring by
ASTRO System Manager*

P/N 7327405

XP12AD/24-48



Explosion-proof horn loudspeaker

- ATEX certification: II 2GD Ex db IIC T6 Ex tb IIIC T85°C IP66
- Material body: copper free aluminum alloy
 - cone: anodized aluminum
 - bracket: galvanized steel
- 25W built-in amplifier
- SPL @ 1W/1m: 102dBA @ 25W/1m: 112dBA
- Nominal input impedance: > 10kΩ
- Max distortion at nominal power/band:
 - @24VDC: < 1,95% @48VDC: < 1,4%
- Power supply: 20,8 to 57,6VDC

dimensions Ø 250,0 x 395,0 mm

weight 6,0 kg

WALL MOUNTING

IP66

- 20°C to + 40°C

ATEX

P/N 7327416D

XP13D/24-48



Explosion-proof horn loudspeaker

- 25W built-in amplifier
- Supply voltage: 24÷48VDC
- ATEX certification: IIC T3

dimensions Ø 500,0 x 580,0 mm

weight 7,0 kg

WALL MOUNTING

IP66

- 20°C to + 40°C

ATEX

P/N 7327431D

XPR13D/24-48



Explosion-proof horn loudspeaker

- 25W built-in amplifier
- Supply voltage: 24÷48VDC
- ATEX certification: IIC T3

* Special version including the "self-adjustment" of the output volume, according to the "previous" ambient noise level *

dimensions Ø 500,0 x 580,0 mm

weight 7,0 kg

**SELF-ADJUSTING
AMPLIFIED VOLUME
WALL MOUNTING**

IP66

- 20°C to + 40°C

ATEX

P/N 7327530

XP12/IP-EX



Explosion-proof IP PoE+ horn loudspeaker with automatic volume control.

- ATEX certification:
II 2GD Ex d IIC T3 Gb Ex tb IIIC T150°C Db IP6X
- Impact-resistant die-cast aluminum alloy body with Epoxy coating finishing and anodized aluminum speaker horn
- Stainless steel AISI 304 bracket
- 25W built-in class-D amplifier
- Maximum output power: PoE+ (802.3at): 25W PoE (802.3af): 10W
- 10BASE-T/100BASETX network interface
- Maximum connection distance: 250m with standard Cat.5e cable

dimensions Ø 265,0 x 420,0 mm

weight 6,0 kg

**SELF-ADJUSTING
AMPLIFIED VOLUME
WALL MOUNTING**

IP66

- 40°C to + 60°C

ATEX

**VOIP-LINE LENGTH:
UP TO 250 METRES**

*Option:
Remote Monitoring by
ASTRO System Manager*

Analog

INDOOR

P/N 7327156

XP14N/24-48



Amplified 15W loudspeaker

- ABS enclosure
- Weatherproof IP55 protection
- Supply voltage: 24÷48VDC
- RAL7035

WALL MOUNTING

IP55

dimensions (W x H x D) 165,0 x 220,0 x 250,0 mm

weight 1,85 kg

P/N 7327166

XPR14N/24-48



Amplified 15W loudspeaker

- ABS enclosure
- Weatherproof IP55 protection
- Supply voltage: 24÷48VDC
- RAL7035

SELF-ADJUSTING
AMPLIFIED VOLUME

WALL MOUNTING

IP55

* Special version including the "self-adjustment" of the output volume, according to the "previous" ambient noise level *

dimensions (W x H x D) 165,0 x 220,0 x 250,0 mm

weight 1,85 kg

P/N 7327375

XP11L/24-48



Weatherproof horn loudspeaker

- IP65 protection
- 25W built-in amplifier
- Supply voltage: 24÷48VDC
- Fitted with 2m length connecting cable

WALL MOUNTING

IP65

dimensions Ø 315,0 x 345,0 mm

weight 3,45 kg

P/N 7327377

XP11LE/24-48



Weatherproof horn loudspeaker

- IP65 protection
- 25W built-in amplifier
- Supply voltage: 24÷48VDC
- Fitted with 80cm length connecting cable and kit with 6-pole connector (P/N 7327363)

WALL MOUNTING

IP65

dimensions Ø 315,0 x 345,0 mm

weight 3,45 kg

P/N 7327363

KIT WITH 6-POLE CONNECTOR

Accessory for XP11 & XP14 series loudspeakers



- Armoured connecting cable
- Weatherproof protection
 - Threaded inlet (loudspeaker side) 3/8" GAS
 - Detachable 6-pole male plug to be wired to the loudspeaker cable
 - 80cm cable length
 - Suitable for 6-pole female socket (P/N 7327364)

ACCESSORIES

weight 480 g

P/N 7327364

KIT WITH 6-POLE SOCKET

Accessory for XP11 & XP14 series loudspeakers



- 6-poles socket with weatherproof cover and safety hooking
- 2-entry wall mounting case with snap cover and security lock
 - 6-pole female connector
 - 2 threaded PG16 entries
 - Suitable for 6-pole male connector (P/N 7327363)

ACCESSORIES

WALL MOUNTING

weight 320 g

P/N 7327376

XPR11L/24-48



- Waterproof horn loudspeaker
- IP65 protection
 - 25W built-in amplifier
 - Supply voltage: 24÷48VDC
 - Fitted with 2m length connecting cable

* Special version including the "self-adjustment" of the output volume, according to the "previous" ambient noise level *

**SELF-ADJUSTING
AMPLIFIED VOLUME
WALL MOUNTING
IP65**

dimensions Ø 315,0 x 345,0 mm

weight 3,45 kg

P/N J7327016

BIVOX/IR



- Acoustic diffusion set, equipped with 2 loudspeakers
- Equipped with 2 amplified loudspeakers
 - IP54 protection
 - 6W max. output power
 - Protruding or flush mounting
 - Vandalproof version
 - Easy set-up & volume adjustment with IR100 infrared remote control (P/N 7327018)
 - Power supply: 24VDC (18VDC to 36VDC)

* Product especially suitable for city-buses *

dimensions (W x H x D) 265,0 x 80,0 x 95,0 mm

weight 1,14 kg

**WALL/FLUSH MOUNTING
IP54**

- 20°C to + 60°C

Analog

INDOOR

P/N 7327018

IR100

Accessory for BIVOX/IR loudspeaker



Infrared remote control, suitable for BIVOX/IR diffusion set (P/N J7327016).

P/N 7327405

XP12AD/24-48



- Explosion-proof horn loudspeaker
- ATEX certification: II 2GD Ex db IIC T6 Ex tb IIIC T85°C IP66
 - Material body: copper free aluminum alloy
 - cone: anodized aluminum
 - bracket: galvanized steel
 - 25W built-in amplifier
 - SPL @ 1W/1m: 102dBA @ 25W/1m: 112dBA
 - Nominal input impedance: > 10kΩ
 - Max distortion at nominal power/band:
 - @24VDC: < 1,95% @48VDC: < 1,4%
 - Power supply: 20,8 to 57,6VDC

dimensions Ø 250,0 x 395,0 mm

weight 6,0 kg

WALL MOUNTING

IP66

- 20°C to + 40°C

ATEX

P/N 7327416D

XP13D/24-48



- Explosion-proof horn loudspeaker
- 25W built-in amplifier
 - Supply voltage: 24÷48VDC
 - ATEX certification: IIC T3

dimensions Ø 500,0 x 580,0 mm

weight 7,0 kg

WALL MOUNTING

IP66

- 20°C to + 40°C

ATEX

P/N 7327431D

XPR13D/24-48



- Explosion-proof horn loudspeaker
- 25W built-in amplifier
 - Supply voltage: 24÷48VDC
 - ATEX certification: IIC T3

* Special version including the "self-adjustment" of the output volume, according to the "previous" ambient noise level *

dimensions Ø 500,0 x 580,0 mm

weight 7,0 kg

**SELF-ADJUSTING
AMPLIFIED VOLUME
WALL MOUNTING**

IP66

- 20°C to + 40°C

ATEX

P/N 7719268

230VAC/48VDC-4,2A POWER SUPPLY UNIT IN WEATHERPROOF CASE



230VAC/48VDC@4,2A power supply unit in weatherproof case

- Steel FE40 housing complete of:
 - upper and lower removable gland plates for cable entry
 - hinged blind door with lock and key
 - support plate
 - terminal blocks & terminals support
- Protection degree: IP65
- Colour: grey (RAL7035)

WALL MOUNTING
IP65

dimensions (W x H x D) 250,0 x 300,0 x 155,0 mm

weight 2,5 kg

P/N 7719326

AC/DC POWER SUPPLY MODULE



230VAC/48VDC power supply module for rack unit (P/N 7719325)

- Input voltage: 100÷230VAC - 50/60Hz
- Input current: 13A
- Output voltage: 48VDC
- Output current: 21A
- Output power: 1000W
- Hot-swap & PFC (Power Factor Correction) functions
- Built-in OR-ing diode

RACK MOUNTING

- 20°C to + 60°C

dimensions (W x H x D) 127,0 x 41,0 x 325,0 mm

weight 1,75 kg

P/N 7719325

RACK UNIT FOR AC/DC POWER SUPPLY MODULE



19" 1U rack mounting unit for 230VAC/48VDC power supply module (P/N 7719326).

- 3 slots
- Input voltage: 100÷230VAC - 50/60Hz
- Input current: 13A (each input)
- Output voltage: 48VDC
- Maximum output current: 63A (21A for each module P/N 7719326)
- Output power: 3000W (1000W for each module P/N 7719326)
- Hot-swap & Power sharing functions
- IEC320-C14 input socket

RACK MOUNTING

dimensions (W x H x D) 484,0 x 44,0 x 358,0 mm

weight 3,6 kg

P/N 7327500

XP6C/IP



Indoor IP PoE loudspeaker with automatic volume control

- Aluminum frontplate, powder painted, RAL9010
- Power supply: PoE (802.3af)
- 10W built-in class-D amplifier
- Rated/Max. power: 6W / 10W
- SPL Rated Power: 97dB
- Effective Frequency Range: 130÷20.000Hz
- 10BASE-T/100BASE-TX network interface
- Maximum connection distance: 250m with standard Cat.5e cable

dimensions Ø 165,0 x 105,0 mm

weight 800 g

**SELF-ADJUSTING
AMPLIFIED VOLUME
CEILING MOUNTING**

- 20°C to + 70°C

**VOIP-LINE LENGTH:
UP TO 250 METRES**

*Option:
Remote Monitoring by
ASTRO System Manager*

P/N 7327521

XP14/IP



Weatherproof IP PoE+ sound projector with automatic volume control

- ABS VO body
- Protection class: IP55
- 15W built-in class-D amplifier
- Maximum output power:
 - PoE+ (802.3at): 15W
 - PoE (802.3af): 10W
- 10BASE-T/100BASE-TX network interface
- Maximum connection distance: 250m with standard Cat.5e cable
- RAL7035

dimensions (W x H x D) 165,0 x 220,0 x 250,0 mm

weight 2,0 kg

**SELF-ADJUSTING
AMPLIFIED VOLUME
WALL MOUNTING**

IP55

- 40°C to + 70°C

**VOIP-LINE LENGTH:
UP TO 250 METRES**

*Option:
Remote Monitoring by
ASTRO System Manager*

P/N 7327520

XP12/IP



Weatherproof IP PoE+ horn loudspeaker with automatic volume control.

- Impact-resistant die-cast aluminum alloy
- Protection class: IP66
- 25W built-in class-D amplifier
- Maximum output power:
 - PoE+ (802.3at): 25W
 - PoE (802.3af): 10W
- 10BASE-T/100BASE-TX network interface
- Maximum connection distance: 250m with standard Cat.5e cable

dimensions Ø 265,0 x 420,0 mm

weight 6,0 kg

**SELF-ADJUSTING
AMPLIFIED VOLUME
WALL MOUNTING**

IP66

- 40°C to + 60°C

**VOIP-LINE LENGTH:
UP TO 250 METRES**

*Option:
Remote Monitoring by
ASTRO System Manager*

P/N 7327522

XP11L/IP



Weatherproof IP PoE+ horn loudspeaker with automatic volume control.

- Impact-resistant die-cast aluminum alloy
- Protection class: IP66
- 25W built-in class-D amplifier
- Maximum output power:
 - PoE+ (802.3at): 25W
 - PoE (802.3af): 10W
- 10BASE-T/100BASE-TX network interface
- Maximum connection distance: 250m with standard Cat.5e cable

dimensions Ø 315,0 x 345,0 mm

weight 6,0 kg

**SELF-ADJUSTING
AMPLIFIED VOLUME
WALL MOUNTING**

IP66

- 40°C to + 70°C

**VOIP-LINE LENGTH:
UP TO 250 METRES**

*Option:
Remote Monitoring by
ASTRO System Manager*

P/N 7327523

XP11LR/IP



Weatherproof IP PoE+ horn loudspeaker with automatic volume control.

- Impact-resistant die-cast aluminum alloy
- Protection class: IP66
- 25W built-in class-D amplifier
- Maximum output power:
 - PoE+ (802.3at): 25W
 - PoE (802.3af): 10W
- 10BASE-T/100BASETX network interface
- Internal auxiliary card for additional applications
- Maximum connection distance: 250m with standard Cat.5e cable

dimensions Ø 315,0 x 345,0 mm

weight 6,0 kg

**SELF-ADJUSTING
AMPLIFIED VOLUME
WALL MOUNTING**

IP66

- 40°C to + 70°C

**VOIP-LINE LENGTH:
UP TO 250 METRES**

*Option:
Remote Monitoring by
ASTRO System Manager*

P/N 7327530

XP12/IP-EX



Explosion-proof IP PoE+ horn loudspeaker with automatic volume control.

- ATEX certification:
 - II 2GD Ex d IIC T3 Gb Ex tb IIIC T150°C Db IP6X
- Impact-resistant die-cast aluminum alloy body with Epoxy coating finishing and anodized aluminum speaker horn
- Stainless steel AISI 304 bracket
- 25W built-in class-D amplifier
- Maximum output power: PoE+ (802.3at): 25W PoE (802.3af): 10W
- 10BASE-T/100BASETX network interface
- Maximum connection distance: 250m with standard Cat.5e cable

dimensions Ø 265,0 x 420,0 mm

weight 6,0 kg

**SELF-ADJUSTING
AMPLIFIED VOLUME
WALL MOUNTING**

IP66

- 40°C to + 60°C

ATEX

**VOIP-LINE LENGTH:
UP TO 250 METRES**

*Option:
Remote Monitoring by
ASTRO System Manager*

Analog

WEATHERPROOF

P/N 7327xyzB

PROJECTOR EN54-24 CAP 14 54T 15W IP54



- Weatherproof 15W projector
- 100V transformer
 - SPL 1W/1m: 92dB
 - SPL rated power: 103dB
 - Effective frequency range: 150÷20000Hz
 - Dispersion (-6dB) 1kHz / 4kHz: 130° / 50°
 - Directivity factor, Q1kHz / 4kHz: 1,7 / 8,9
 - Colour: RAL9010 or anodized
 - Material: aluminium
 - Wall mounting with bracket
 - Termination: internal chamber

dimensions Ø 146,0 x 200,0 mm

weight 2,1 kg

WALL MOUNTING
IP55

- 40°C to +90°C

EN54-24 CERTIFIED

P/N 7327xyzC

SPEAKER EN54-24 MH 30 54T 30W IP55



- Weatherproof 30W loudspeaker
- 100V transformer
 - SPL 1W/1m: 102dB
 - SPL rated power: 116dB
 - Effective frequency range: 140÷16000Hz
 - Dispersion (-6dB) 1kHz / 4kHz: 65° / 30°
 - Colour: RAL7035
 - Material: ABS, polypropylene
 - Wall mounting with aluminium bracket
 - Termination: screw terminal

dimensions (W x H x D) 362,0 x 252,0 x 310,0 mm

weight 3,9 kg

WALL MOUNTING
IP55

- 40°C to +90°C

EN54-24 CERTIFIED

P/N 7327168

AP14N/T



- Indoor 15/20W loudspeaker
- ABS enclosure
 - Weatherproof IP55 protection
 - 100V transformer
 - RAL7035

dimensions (W x H x D) 165,0 x 220,0 x 250,0 mm

weight 1,85 kg

WALL MOUNTING
IP55

- 40°C to +70°C

P/N 7327901

FHP15T



- Weatherproof 15W loudspeaker
- IP56 protection
 - 100V transformer

dimensions (W x H x D) 200,0 x 226,0 x 250,0 mm

weight 1,7 kg

WALL MOUNTING
IP56

- 50°C to +90°C

Analog

WEATHERPROOF

P/N 7327358

FHP20T



Weatherproof 20W loudspeaker

- IP67 protection
- 100V transformer
- Polyamide bracket

WALL MOUNTING

IP67

- 50°C to +150°C

dimensions (W x H x D) 237,0 x 270,0 x 286,0 mm

weight 2,1 kg

P/N 7327275

FHP20T



Weatherproof 20W loudspeaker

- IP67 protection
- 100V transformer
- Steel bracket

WALL MOUNTING

IP67

- 50°C to +150°C

dimensions (W x H x D) 237,0 x 270,0 x 286,0 mm

weight 2,1 kg

P/N 7327910

FHP30T



Weatherproof 30W loudspeaker

- IP67 protection
- 100V transformer
- Polyamide bracket

WALL MOUNTING

IP67

- 50°C to +150°C

dimensions (W x H x D) 237,0 x 270,0 x 286,0 mm

weight 2,1 kg

P/N 7327272

AP44



Weatherproof 30W loudspeaker

- Polypropylene homopolymer
- IP54 protection
- 8Ω impedance
- Supplied with 2m cable

WALL MOUNTING

IP54

dimensions (W x H x D) 100,0 x 100,0 x 90,0 mm

weight 870 g

Analog

WEATHERPROOF

P/N 7327157

AP14N



- Indoor 15/20W loudspeaker
- ABS enclosure
 - Weatherproof IP55 protection
 - 8Ω impedance
 - RAL7035

WALL MOUNTING
IP55
- 40°C to + 70°C

dimensions (W x H x D) 165,0 x 220,0 x 250,0 mm

weight 1,85 kg

P/N 7327167

AP14N



- Indoor 15/20W loudspeaker
- ABS enclosure
 - Weatherproof IP55 protection
 - 16Ω impedance
 - RAL7035

WALL MOUNTING
IP55
- 40°C to + 70°C

dimensions (W x H x D) 165,0 x 220,0 x 250,0 mm

weight 1,85 kg

P/N 7327267

FHP15



- Weatherproof 15W loudspeaker
- IP56 protection
 - 16Ω impedance

WALL MOUNTING
IP56

dimensions (W x H x D) 200,0 x 226,0 x 250,0 mm

weight 1,7 kg

P/N 7327274

FHP20



- Weatherproof 20W loudspeaker
- 16Ω impedance
 - Polyamide bracket

WALL MOUNTING
IP67

dimensions (W x H x D) 237,0 x 270,0 x 286,0 mm

weight 2,1 kg

Analog

WEATHERPROOF

P/N 7327914

FHP30



Weatherproof 30W loudspeaker

- 16Ω impedance
- Stainless steel bracket

WALL MOUNTING

IP67

dimensions (W x H x D) 286,0 x 237,0 x 237,0 mm

weight 2,1 kg

P/N 7327370

AP820



Weatherproof 8W loudspeaker

- IP67 protection
- 20Ω impedance

WALL MOUNTING

IP67

Analog

EXPLOSION-PROOF

P/N 7327419D

AP13DT/30



Explosion-proof 30W loudspeaker

- IP66 rating
- 100V transformer
- ATEX certification: II 2GD Ex db IIC T6/5

WALL MOUNTING

IP66

- 20°C to + 40°C

ATEX

dimensions (W x H x D) Ø 500,0 x 580,0 mm

weight 5,6 kg

P/N C918490B

AP60MD



Explosion-proof 30W loudspeaker

- IP66 rating
- 100V transformer
- ATEX certification: II 2 G Ex d IIC T4 Gb / II 2D Ex tb IIIC T130°C Db IP 6X
- SPL 1W/1m: 105dB
- Frequency range: 400÷4000Hz
- Class temperature: 130°C (T4)
- Material: low copper content aluminium alloy (body and cover) - anodized aluminium (speaker horn)

WALL MOUNTING

IP66

-50°C +60°C

ATEX

dimensions Ø 264,0 x 367,0 mm

weight 4,4 kg

P/N 7327929

DSP15 EExmNT



Explosion-proof 15/25W loudspeaker

- Anti-static PA / black colour
- ATEX certification: II 2G Ex d e mb IIB + H2 / IIC T4 Gb
- IP67 rating
- 100V transformer
- Polyamide bracket

WALL MOUNTING

IP67

- 50°C to + 60°C

ATEX

dimensions (W x H x D) 186,0 x 235,0 x 207,0 mm

weight 2,2 kg

P/N 7327930

DSP15 EExmNT



Explosion-proof 15/25W loudspeaker

- Anti-static PA / black colour
- ATEX certification: II 2G Ex d e mb IIB + H2 / IIC T4 Gb
- IP67 rating
- 100V transformer
- Stainless steel bracket

WALL MOUNTING

IP67

- 50°C to + 60°C

ATEX

dimensions (W x H x D) 186,0 x 242,0 x 207,0 mm

weight 2,2 kg

Analog

EXPLOSION-PROOF

P/N 7327963

HS15 EExmNT



Explosion-proof 15W loudspeaker

- Aluminium alloy case / RAT7031 grey colour
- ATEX certification: Eex de b IIB+H2 T5 / Eex de IIC T5
- IP67 rating
- 100V transformer

WALL MOUNTING

IP67

- 50°C to +60°C

ATEX

dimensions (W x H x D) 210,0 x 163,0 x 247,0 mm

weight 2,8 kg

P/N 7327418D

AP13D/30



Explosion-proof 30W loudspeaker

- IP66 protection
- 8Ω impedance
- ATEX certification: II 2GD Ex db IIC T6/5

WALL MOUNTING

IP66

- 20°C to +40°C

ATEX

dimensions (W x H x D) Ø 500,0 x 580,0 mm

weight 5,6 kg

P/N 7327931

DSP15 EExmN



Explosion-proof 15/25W loudspeaker

- Anti-static PA / black colour
- ATEX certification: II 2G Ex d e mb IIB + H2 / IIC T4 Gb
- IP67 rating
- 8Ω impedance
- Polyamide bracket

WALL MOUNTING

IP67

- 50°C to +60°C

ATEX

dimensions (W x H x D) 186,0 x 235,0 x 207,0 mm

weight 2,2 kg

P/N 7327938

DSP15 EExmN



Explosion-proof 15/25W loudspeaker

- Anti-static PA / black colour
- ATEX certification: II 2G Ex d e mb IIB + H2 / IIC T4 Gb
- 8Ω impedance
- IP67 rating
- Stainless steel bracket

WALL MOUNTING

IP67

- 50°C to +60°C

ATEX

dimensions (W x H x D) 186,0 x 242,0 x 207,0 mm

weight 2,2 kg

Analog

EXPLOSION-PROOF

P/N 7327953

DSP25 EExmN



Explosion-proof 25W loudspeaker

- Anti-static PA / black colour
- ATEX certification: II 2G Ex d e mb IIB + H2 / IIC T4 Gb
- IP67 rating
- SPL 1W/1m: 108dB
- 8Ω impedance
- Polyamide bracket

WALL MOUNTING

IP67

- 50°C to + 55°C

ATEX

dimensions Ø 250,0 x 340,0 mm

weight 4,0 kg

P/N 7327942

HS15-EExmNMF



Explosion-proof 15W loudspeaker

- Aluminium alloy case • RAL7035
- ATEX certification: Ex db mb IIC T5 Gb
- IP67 rating
- Frequency range: 420÷7000Hz
- 20Ω impedance
- SPL 1W/1m: 101dB • SPL rated power: 113dB
- Supplied with 3m long cable
- Versions with 8Ω impedance and 100V transformer available on request
- Version Ex db mb IIB+H2 T5 Gb ATEX certified available on request

WALL MOUNTING

IP67

- 50°C to + 60°C

ATEX

dimensions Ø 163,0 x 247,0 mm

weight 3,1 kg

Analog

INDOOR

P/N 7327xyzA

CEILING SPEAKER EN54-24 VES 561 54T 6W



- Indoor 6W loudspeaker
- 100V transformer
 - SPL 6W/4m: 84dB
 - Sensitivity 1W/4m: 77dB
 - Frequency range: 100÷13000Hz
 - Termination: ceramic terminal
 - Colour: RAL9010
 - Material: steel, aluminium
 - Ceiling / flush mounting

dimensions Ø 165,0 x 112,0 mm

weight 1,1 kg

FLUSH MOUNTING

IP32

- 10°C to +55°C

EN54-24 CERTIFIED

P/N 7327xyzB

PROJECTOR EN54-24 CAP 14 54T 15W IP54



- Weatherproof 15W projector
- 100V transformer
 - SPL 1W/1m: 92dB
 - SPL rated power: 103dB
 - Effective frequency range: 150÷20000Hz
 - Dispersion (-6dB) 1kHz / 4kHz: 130° / 50°
 - Directivity factor, Q1kHz / 4kHz: 1,7 / 8,9
 - Colour: RAL9010 or anodized
 - Material: aluminium
 - Wall mounting with bracket
 - Termination: internal chamber

dimensions Ø 146,0 x 200,0 mm

weight 2,1 kg

WALL MOUNTING

IP55

- 40°C to +90°C

EN54-24 CERTIFIED

P/N 7327xyzC

SPEAKER EN54-24 MH 30 54T 30W IP55



- Weatherproof 30W loudspeaker
- 100V transformer
 - SPL 1W/1m: 102dB
 - SPL rated power: 116dB
 - Effective frequency range: 140÷16000Hz
 - Dispersion (-6dB) 1kHz / 4kHz: 65° / 30°
 - Colour: RAL7035
 - Material: ABS, polypropylene
 - Wall mounting with aluminium bracket
 - Termination: screw terminal

dimensions (W x H x D) 362,0 x 252,0 x 310,0 mm

weight 3,9 kg

WALL MOUNTING

IP55

- 40°C to +90°C

EN54-24 CERTIFIED

P/N 7327154

B560/T



- Indoor 6/10W loudspeaker
- 100V transformer
 - SPL 1W/1m: 90dB
 - Ceiling mounting
 - Aluminium enclosure
 - RAL9010

dimensions Ø 165,0 x 105 mm

weight 800 g

CEILING MOUNTING

- 20°C to +90°C

Analog

INDOOR

P/N 7327109

ACF406/T



Indoor 6W loudspeaker

- ABC / Light grey (RAL9002)
- Rated / Max. power: 6W / 8W
- 100V transformer
- SPL 1W/1m: 90dB
- Effective frequency range: 180÷14000Hz

WALL MOUNTING

- 20°C to +90°C

dimensions (W x H x D) 210,0 x 210,0 x 66,0 mm

weight 1,0 kg

P/N 7327168

AP14N/T



Indoor 15/20W loudspeaker

- ABS enclosure
- Weatherproof IP55 protection
- 100V transformer
- RAL7035

WALL MOUNTING

IP55

- 40°C to +70°C

dimensions (W x H x D) 165,0 x 220,0 x 250,0 mm

weight 1,85 kg

P/N 7327901

FHP15T



Weatherproof 15W loudspeaker

- IP56 protection
- 100V transformer

WALL MOUNTING

IP56

- 50°C to +90°C

dimensions (W x H x D) 200,0 x 226,0 x 250,0 mm

weight 1,7 kg

P/N 7327358

FHP20T



Weatherproof 20W loudspeaker

- IP67 protection
- 100V transformer
- Polyamide bracket

WALL MOUNTING

IP67

- 50°C to +150°C

dimensions (W x H x D) 237,0 x 270,0 x 286,0 mm

weight 2,1 kg

Analog

INDOOR

P/N 7327275

FHP20T



Weatherproof 20W loudspeaker

- IP67 protection
- 100V transformer
- Steel bracket

WALL MOUNTING

IP67

- 50°C to +150°C

dimensions (W x H x D) 237,0 x 270,0 x 286,0 mm

weight 2,1 kg

P/N 7327910

FHP30T



Weatherproof 30W loudspeaker

- IP67 protection
- 100V transformer
- Polyamide bracket

WALL MOUNTING

IP67

- 50°C to +150°C

dimensions (W x H x D) 237,0 x 270,0 x 286,0 mm

weight 2,1 kg

P/N 7327174

B560



Indoor 6/8W loudspeaker

- Aluminium enclosure
- 8Ω impedance
- Rated / Max. power: 6W / 8W
- SPL 1W/1m: 90dB
- Effective frequency range: 130÷20000Hz
- RAL9010

CEILING MOUNTING

- 20°C to +90°C

dimensions Ø 165,0 x 105 mm

weight 600 g

P/N 7327371

ACF406



Indoor 6W-8Ω loudspeaker

- ABC / Light grey (RAL9002)
- Rated / Max. power: 6W / 8W
- SPL 1W/1m: 90dB
- Effective frequency range: 180÷14000Hz

WALL MOUNTING

- 20°C to +90°C

dimensions (W x H x D) 210,0 x 210,0 x 66,0 mm

weight 1,0 kg

Analog

INDOOR

P/N J7327017

BIVOX



Acoustic diffusion set, equipped with 2 loudspeakers

- 16Ω (8Ω + 8Ω) impedance
- 6W max. output power
- Protruding or flush mounting
- Vandalproof version
- Power supply: 24VDC (18VDC to 36VDC)

* Product especially suitable for city-buses *

WALL/FLUSH MOUNTING

- 20°C to + 60°C

dimensions (W x H x D) 265,0 x 80,0 x 95,0 mm

weight 725 g

P/N 7327272

AP44



Weatherproof 30W loudspeaker

- Polypropylene homopolymer
- IP54 protection
- 8Ω impedance
- Supplied with 2m cable

WALL MOUNTING

IP54

dimensions (W x H x D) 100,0 x 100,0 x 90,0 mm

weight 870 g

P/N 7327157

AP14N



Indoor 15/20W loudspeaker

- ABS enclosure
- Weatherproof IP55 protection
- 8Ω impedance
- RAL7035

WALL MOUNTING

IP55

- 40°C to + 70°C

dimensions (W x H x D) 165,0 x 220,0 x 250,0 mm

weight 1,85 kg

P/N 7327167

AP14N



Indoor 15/20W loudspeaker

- ABS enclosure
- Weatherproof IP55 protection
- 16Ω impedance
- RAL7035

WALL MOUNTING

IP55

- 40°C to + 70°C

dimensions (W x H x D) 165,0 x 220,0 x 250,0 mm

weight 1,85 kg

Analog

INDOOR

P/N 7327267

FHP15



Weatherproof 15W loudspeaker

- IP56 protection
- 16Ω impedance

WALL MOUNTING

IP56

dimensions (W x H x D) 200,0 x 226,0 x 250,0 mm

weight 1,7 kg

P/N 7327274

FHP20



Weatherproof 20W loudspeaker

- 16Ω impedance
- Polyamide bracket

WALL MOUNTING

IP67

dimensions (W x H x D) 237,0 x 270,0 x 286,0 mm

weight 2,1 kg

P/N 7327914

FHP30



Weatherproof 30W loudspeaker

- 16Ω impedance
- Stainless steel bracket

WALL MOUNTING

IP67

dimensions (W x H x D) 286,0 x 237,0 x 237,0 mm

weight 2,1 kg

P/N 7327370

AP820



Weatherproof 8W loudspeaker

- IP67 protection
- 20Ω impedance

WALL MOUNTING

IP67

Analog

EXPLOSION-PROOF

P/N 7327419D

AP13DT/30



Explosion-proof 30W loudspeaker

- IP66 rating
- 100V transformer
- ATEX certification: II 2GD Ex db IIC T6/5

WALL MOUNTING

IP66

- 20°C to + 40°C

ATEX

dimensions (W x H x D) Ø 500,0 x 580,0 mm

weight 5,6 kg

P/N C918490B

AP60MD



Explosion-proof 30W loudspeaker

- IP66 rating
- 100V transformer
- ATEX certification: II 2 G Ex d IIC T4 Gb / II 2D Ex tb IIIC T130°C Db IP 6X
- SPL 1W/1m: 105dB
- Frequency range: 400÷4000Hz
- Class temperature: 130°C (T4)
- Material: low copper content aluminium alloy (body and cover) - anodized aluminium (speaker horn)

WALL MOUNTING

IP66

-50°C +60°C

ATEX

dimensions Ø 264,0 x 367,0 mm

weight 4,4 kg

P/N 7327929

DSP15 EExmNT



Explosion-proof 15/25W loudspeaker

- Anti-static PA / black colour
- ATEX certification: II 2G Ex d e mb IIB + H2 / IIC T4 Gb
- IP67 rating
- 100V transformer
- Polyamide bracket

WALL MOUNTING

IP67

- 50°C to + 60°C

ATEX

dimensions (W x H x D) 186,0 x 235,0 x 207,0 mm

weight 2,2 kg

P/N 7327930

DSP15 EExmNT



Explosion-proof 15/25W loudspeaker

- Anti-static PA / black colour
- ATEX certification: II 2G Ex d e mb IIB + H2 / IIC T4 Gb
- IP67 rating
- 100V transformer
- Stainless steel bracket

WALL MOUNTING

IP67

- 50°C to + 60°C

ATEX

dimensions (W x H x D) 186,0 x 242,0 x 207,0 mm

weight 2,2 kg

Analog

EXPLOSION-PROOF

P/N 7327963

HS15 EExmNT



Explosion-proof 15W loudspeaker

- Aluminium alloy case / RAT7031 grey colour
- ATEX certification: Eex de b IIB+H2 T5 / Eex de IIC T5
- IP67 rating
- 100V transformer

WALL MOUNTING

IP67

- 50°C to +60°C

ATEX

dimensions (W x H x D) 210,0 x 163,0 x 247,0 mm

weight 2,8 kg

P/N 7327418D

AP13D/30



Explosion-proof 30W loudspeaker

- IP66 protection
- 8Ω impedance
- ATEX certification: II 2GD Ex db IIC T6/5

WALL MOUNTING

IP66

- 20°C to +40°C

ATEX

dimensions (W x H x D) Ø 500,0 x 580,0 mm

weight 5,6 kg

P/N 7327931

DSP15 EExmN



Explosion-proof 15/25W loudspeaker

- Anti-static PA / black colour
- ATEX certification: II 2G Ex d e mb IIB + H2 / IIC T4 Gb
- IP67 rating
- 8Ω impedance
- Polyamide bracket

WALL MOUNTING

IP67

- 50°C to +60°C

ATEX

dimensions (W x H x D) 186,0 x 235,0 x 207,0 mm

weight 2,2 kg

P/N 7327938

DSP15 EExmN



Explosion-proof 15/25W loudspeaker

- Anti-static PA / black colour
- ATEX certification: II 2G Ex d e mb IIB + H2 / IIC T4 Gb
- 8Ω impedance
- IP67 rating
- Stainless steel bracket

WALL MOUNTING

IP67

- 50°C to +60°C

ATEX

dimensions (W x H x D) 186,0 x 242,0 x 207,0 mm

weight 2,2 kg

Analog

EXPLOSION-PROOF

P/N 7327953

DSP25 EExmN



Explosion-proof 25W loudspeaker

- Anti-static PA / black colour
- ATEX certification: II 2G Ex d e mb IIB + H2 / IIC T4 Gb
- IP67 rating
- SPL 1W/1m: 108dB
- 8Ω impedance
- Polyamide bracket

WALL MOUNTING

IP67

- 50°C to + 55°C

ATEX

dimensions Ø 250,0 x 340,0 mm

weight 4,0 kg

P/N 7327942

HS15-EExmNMF



Explosion-proof 15W loudspeaker

- Aluminium alloy case • RAL7035
- ATEX certification: Ex db mb IIC T5 Gb
- IP67 rating
- Frequency range: 420÷7000Hz
- 20Ω impedance
- SPL 1W/1m: 101dB • SPL rated power: 113dB
- Supplied with 3m long cable
- Versions with 8Ω impedance and 100V transformer available on request
- Version Ex db mb IIB+H2 T5 Gb ATEX certified available on request

WALL MOUNTING

IP67

- 50°C to + 60°C

ATEX

dimensions Ø 163,0 x 247,0 mm

weight 3,1 kg

INDOOR

P/N 7231420

PR195



30kV high insulation galvanic isolation for telephone equipment, fitted with self-driven surge protector device.

- Impedance ratio: 1/1
- Impedance: 600/600Ω
- Bandwidth: 25Hz÷20kHz
- Composite attenuation (bandwidth 300÷3400Hz): ≤ 0,8dB
- Reflection attenuation (bandwidth 300÷3400Hz): ≥ 12dB
- No load impedance (100V-25Hz): ≥ 2100Ω
- No load impedance (100V-50Hz): ≥ 4500Ω

dimensions (W x H x D) 109,0 x 177,0 x 230,0 mm

weight 5,3 kg

WALL/RACK MOUNTING

P/N 7231421

PR195A

30kV high insulation galvanic isolation for 2Mbit/s telematics equipment, fitted with a self-driven surge protector device.

- Impedance ratio: 1/1
- Impedance: 120/120Ω
- Bandwidth: 40kHz÷5MHz
- Composite attenuation (bandwidth 40kHz÷5MHz): ≤ 1dB
- Reflection attenuation (bandwidth 51÷102kHz): ≥ 12dB
- Reflection attenuation (bandwidth 102÷2048kHz): ≥ 18dB
- Reflection attenuation (bandwidth 2048÷3072kHz): ≥ 14dB

dimensions (W x H x D) 109,0 x 177,0 x 230,0 mm

weight 5,3 kg

WALL/RACK MOUNTING

P/N 7231422

PR195B

30kV high insulation galvanic isolation for 2Mbit/s - 1kHz signalling telematics equipment and ISDN-Primary Rate Interfaces, fitted with a self-driven surge protector device.

- Impedance ratio: 1/1 • AF impedance (40kHz÷5MHz): 120/120Ω
- Bandwidth: 40kHz÷5MHz
- Composite attenuation (bandwidth 40kHz÷5MHz): ≤ 1dB
- Reflection attenuation (bandwidth 51÷102kHz): ≥ 12dB
- Reflection attenuation (bandwidth 102÷2048kHz): ≥ 18dB
- Reflection attenuation (bandwidth 2048÷3072kHz): ≥ 14dB
- BF impedance (900Hz÷1100Hz): 600/600Ω

dimensions (W x H x D) 109,0 x 177,0 x 230,0 mm

weight 5,3 kg

WALL/RACK MOUNTING

P/N 7231423

PR195C

30kV high insulation galvanic isolation for Numeric Direct Circuit (NDC) at 64kbit/s, fitted with a self-driven surge protector device.

- Impedance ratio: 1/1
- Impedance: 150/150Ω
- Bandwidth: 300Hz÷150kHz
- Composite attenuation (bandwidth 1kHz÷100kHz): ≤ 1dB
- Reflection attenuation (bandwidth 1kHz÷100kHz): ≥ 14dB
- Reflection attenuation (bandwidth 18kHz÷72kHz): ≥ 18dB

dimensions (W x H x D) 109,0 x 177,0 x 230,0 mm

weight 5,3 kg

WALL/RACK MOUNTING

P/N 7212500

TR474



Protection unit with 30kV isolation transformer for telephone equipment at 9600bit/s.

- Impedance ratio: 1/1
- Impedance: 600/600Ω
- Bandwidth: 25Hz÷20kHz
- Composite attenuation (bandwidth 300÷3400Hz): ≤ 0,8dB
- Reflection attenuation (bandwidth 300÷3400Hz): ≥ 12dB
- No load impedance (100V-25Hz): ≥ 2100Ω
- No load impedance (100V-50Hz): ≥ 4500Ω

dimensions (W x H x D) 109,0 x 177,0 x 230,0 mm

weight 5,1 kg

WALL/RACK MOUNTING

P/N 7251830

TR474D/ISDN



Protection unit with 30kV isolation transformer for telematics equipment and ISDN-Basic Rate Interfaces.

- Impedance ratio: 1/1
- Impedances:
 - 2B1Q configuration: 135/135Ω
 - 4B3T configuration: 150/150Ω
- Bandwidth: 1÷200kHz
- Typical output voltage on user side: 70VDC
- Typical current: 30mA (max. 110mA with NT in state of emergency)
- Power supply: 24VDC ±20%

dimensions (W x H x D) 109,0 x 177,0 x 230,0 mm

weight 5,1 kg

WALL/RACK MOUNTING

P/N 5630750

WALL RACK MOUNTING FRAME FOR TR474



Wall rack mounting frame for housing 4 TR474 series protection units

dimensions (W x H x D) 442,0 x 177,0 x 230,0 mm

weight 3,0 kg

WALL/RACK MOUNTING

Analog

INDOOR

P/N 7251174

TRA50/4 Telephone Line Extender



Telephone analog line length extender

It allows up to 4 standard analog telephones to operate with a standard PBX up to:

- 10km far (by using diam. 0.6mm cable pairs), or even
- 15km far (by using diam. 0.9mm cable pairs)

2,5kV galvanic isolation on each one of the 4 lines.

The unit must be powered at 230VAC.

DIN RAIL MOUNTING

dimensions (W x H x D) 157,0 x 90,0 x 60,0 mm

weight 600 g

P/N 7162020

ReteMatic™ IP-RMH1



The ReteMatic™ Network Infrastructure and its devices have been designed to bring network connection within industrial and harsh environments by combining power line and robust data communication over a single medium, the standard power cable.

- Desktop or rackmount installation
- Data and routing protocols: IEEE 802.3 (10BASE-T), IEEE 802.3u (100BASE-Tx)
- Security encryption type: 128-bit AES data encryption CCMP
- Bandwidth: 100Mbps
- AC input: 90–260VAC, 50÷60 Hz, 6A max.

dimensions (W x H x D) 483,0 x 44,0 x 240,0 mm

weight 2,9 kg

RACK MOUNTING

- 40°C to + 80°C

*ReteMatic™ System
Components*

P/N 7715644

ReteMatic™ RMF50-EX



The ReteMatic™ Network Infrastructure and its devices have been designed to bring network connection within industrial and harsh environments by combining power line and robust data communication over a single medium, the standard power cable. RMF50-Ex is a ReteMatic™ Field Unit housed in a GUB01 explosion-proof case which allows to connect a standard Ethernet device to a ReteMatic™ Network in classified areas (ATEX Zone 1).

dimensions (W x H x D) 174,0 x 138,0 x 220,0 mm

weight 4,55 kg

WALL MOUNTING

IP66

- 40°C to + 80°C

ATEX

[ReteMatic™ System Components](#)

P/N 7715641

ReteMatic™ RMF150B-EX



The ReteMatic™ Network Infrastructure and its devices have been designed to bring network connection within industrial and harsh environments by combining power line and robust data communication over a single medium, the standard power cable. RMF150B-Ex is a ReteMatic™ Field Unit housed in a GUB02 explosion-proof case which allows to connect a standard Ethernet device to a ReteMatic™ Network in classified areas (ATEX Zone 1).

dimensions (W x H x D) 230,0 x 164,0 x 304,0 mm

weight 8,1 kg

WALL MOUNTING

IP66

- 40°C to + 80°C

ATEX

[ReteMatic™ System Components](#)

P/N 7162600

ReteMatic™ RMA30-EX



The ReteMatic™ Network Infrastructure and its devices have been designed to bring network connection within industrial and harsh environments by combining power line and robust data communication over a single medium, the standard power cable. RM30-Ex is a ReteMatic™ Field Unit housed in a GUB03 explosion-proof case which allows to connect a standard Ethernet device to a ReteMatic Network in classified areas (ATEX Zone 1).

dimensions (W x H x D) 276,0 x 217,0 x 356,0 mm

weight 12,5 kg

WALL MOUNTING

IP66

- 40°C to + 80°C

ATEX

[ReteMatic™ System Components](#)

P/N 7162601A

ReteMatic™ RMA30V-EX 1.3 ADI



The ReteMatic™ Network Infrastructure and its devices have been designed to bring network connection within industrial and harsh environments by combining power line and robust data communication over a single medium, the standard power cable. RM30-Ex is a ReteMatic™ explosion-proof VoIP stand-alone power amplifier housed in a GUB03 explosion-proof case which allows to connect a standard Ethernet device to a ReteMatic Network in classified areas (ATEX Zone 1).

dimensions (W x H x D) 276,0 x 217,0 x 356,0 mm

weight 12,5 kg

WALL MOUNTING

IP66

- 40°C to + 80°C

ATEX

[ReteMatic™ System Components](#)

P/N 7453101

EMERGENCY PILLAR SUITABLE FOR CTT201 VOIP PHONE



Family of tailor-made products expressly manufactured according to Customer specifications.

Emergency iron pillar for metro stations suitable for CTT201 VoIP (250 m) telephone set.

RAL9006

dimensions Ø 200,0 x 1740,0 mm

P/N 7453110

CTT 250M - EMERGENCY PILLAR INCLUDING CTT201 VOIP PHONE



Family of tailor-made products expressly manufactured according to customer specifications.

The pillar is equipped with flush-mounting FITRE manufactured - SOS/INFO telephone sets.

Emergency iron pillar for metro stations including CTT201 VoIP (250 m) telephone set.

RAL9006

dimensions Ø 200,0 x 1740,0 mm

**VOIP-LINE LENGTH:
UP TO 250 METRES**

P/N 7454111

CTT10 - EMERGENCY PILLAR SUITABLE FOR TASVOIP 902 PHONE



Family of tailor-made products expressly manufactured according to customer specifications.

Emergency iron pillar for roads and motorways suitable for TASVOIP 902 (250 m) telephone set.

RAL7016

dimensions Ø 194,0 x 2000,0 mm

P/N 7454115

CTT10 - EMERGENCY PILLAR INCLUDING TASVOIP 902 PHONE



Family of tailor-made products expressly manufactured according to customer specifications, for roads and motorways.

The pillar is equipped with flush-mounting FITRE manufactured - SOS/INFO telephone sets.

Emergency iron pillar for roads and motorways including TASVOIP 902 (250 m) telephone set.

RAL7016

dimensions Ø 194,0 x 2000,0 mm

**VOIP-LINE LENGTH:
UP TO 250 METRES**

P/N 7454300

SOS PILLAR FOR RAILWAY STATIONS



SOS pillar for Railway Stations - Integrated Emergency Call System with CCTV system for video-surveillance.

RAL2002

dimensions (W x H x D) 450,0 x 2250,0 x 200,0 mm

weight 40,0 kg

P/N D001157

INFO/SOS PILLARS FOR RAILWAYS STATIONS



EMERGENCY PILLAR RAILWAYS STATION
VOIP PHONE INCLUDED
CCTV CAMERA EXCLUDED
STEEL

Family of tailor-made products expressly manufactured according to customer specifications.
The pillar is equipped with flush-mounting FITRE manufactured - SOS/INFO telephone sets.

dimensions (W x H x D) 500,0 x 2300,0 x 175,0 mm

IP65

P/N D001171

EMERGENCY PILLARS FOR HIGHWAYS AND CITY PARKS



Family of tailor-made products expressly manufactured according to customer specifications, for roads and motorways.
The pillar is equipped with flush-mounting FITRE manufactured - SOS/INFO telephone sets.

Stainless steel 1 mm, V4A, AISI316, SIA 179 classe II

RAL2009

dimensions (W x H x D) 356,0 x 1.934,0 x 317,0 mm

P/N 7454404

EMERGENCY PILLARS FOR HIGHWAYS AND CITY PARKS



Family of tailor-made products expressly manufactured according to customer specifications, for roads and motorways.
The pillar is equipped with flush-mounting FITRE manufactured - SOS/INFO telephone sets.

GRP 4mm/5,5mm

Pedestal in AISI304 stainless steel

RAL2009

dimensions (W x H x D) 330,0 x 1.916,0 x 540,0 mm

IP54

P/N 7162100

ReteMatic™ POWER DRILL PILLAR



ReteMatic™ ATEX Power Drill pillar in INOX AISI304 stainless steel, suitable for installation in "Zone 1" areas, preassembled and equipped with:

- 1 AGX92/F detachable acoustic booth in INOX AISI 304 stainless steel (P/N 5617166)
- 1 TAS2000 VoIP ATEX intercom station with handset, standard keyboard, IP66, SIP protocol, PoE compatible (P/N 7134401)
- 1 RMF150B-Ex ATEX ReteMatic™ Field Unit housed in IP66 GUB02 explosion-proof case (P/N 7715641)
- Painted in yellow colour (RAL1021)

IP66

INOX AISI 304

ATEX

dimensions (W x H x D) 700,0 x 2000,0 x 884,0 mm

P/N 5617128

AG/F



Detachable acoustic booth with external surfaces in galvanized steel

- Painted in orange colour (RAL2000)
- Support plate suitable for TAS2000, TAS360, IF2000, TAS22AD FITRE-Phones and Intercoms
- Sound-absorbing user-side walls made of AISI-304 stainless steel

Note: the disassembled acoustic booth allows a substantial reduction of packing, transport and storage costs.

dimensions (W x H x D) 700,0 x 680,0 x 600,0 mm

weight 34,0 kg

**GALVANIZED STEEL
OUTSIDE SURFACES**

*INDUSTRIAL APPLICATIONS,
SUITABLE FOR ATEX
INSTALLATIONS*

P/N 5617206

AG/F RED



Detachable acoustic booth with external surfaces in galvanized steel

- Painted in red colour (RAL3020)
- Support plate suitable for TAS2000, IF2000, TAS21, TAS22AD FITRE-Phones and Intercoms

Note: the disassembled acoustic booth allows a substantial reduction of packing, transport and storage costs.

dimensions (W x H x D) 700,0 x 680,0 x 600,0 mm

weight 34,0 kg

GALVANIZED STEEL

INDUSTRIAL APPLICATIONS

P/N 5617163

BPX70-92



Booth pillar

- Galvanized steel
- Painted in grey colour (RAL7031)
- Suitable for AG and AGX series of FITRE Acoustic Booths

dimensions (W x H x D) 450,0 x 1995,0 x 304,0 mm

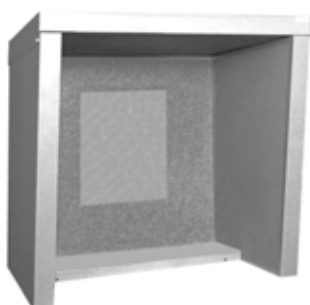
weight 40,0 kg

GALVANIZED STEEL

INDUSTRIAL APPLICATIONS

P/N 5617135

AG/F INOX



Detachable acoustic booth in INOX AISI 304 stainless steel

- Satin finished
- No paint
- Support plate suitable for TAS2000, TAS360, IF2000 and TAS22AD FITRE-Phones and Intercoms

Note: the disassembled acoustic booth allows a substantial reduction of packing, transport and storage costs.

dimensions (W x H x D) 700,0 x 680,0 x 600,0 mm

weight 38,0 kg

INOX AISI 304

*MOST RECOMMENDED USE
IN OIL&GAS APPLICATIONS*

P/N 5617136

AG/F OR



Detachable acoustic booth in INOX AISI 304 stainless steel

- Painted in orange colour (RAL2000)
- Support plate suitable for TAS2000, TAS360, IF2000, TAS22AD FITRE-Phones and Intercoms

Note: the disassembled acoustic booth allows a substantial reduction of packing, transport and storage costs.

INOX AISI 304

*MOST RECOMMENDED USE
IN OIL&GAS APPLICATIONS*

dimensions (W x H x D) 700,0 x 680,0 x 600,0 mm

weight 38,0 kg

P/N 5617147

AG/F YE



Detachable acoustic booth in INOX AISI 304 stainless steel

- Painted in yellow colour (RAL1021)
- Support plate suitable for TAS2000, TAS360, IF2000, TAS22AD FITRE-Phones and Intercoms

Note: the disassembled acoustic booth allows a substantial reduction of packing, transport and storage costs.

INOX AISI 304

*MOST RECOMMENDED USE
IN OIL&GAS APPLICATIONS*

dimensions (W x H x D) 700,0 x 680,0 x 600,0 mm

weight 38,0 kg

P/N 5617166

AGX 92/F



Detachable acoustic booth in INOX AISI 304 stainless steel

- Painted in yellow colour (RAL1021)
- Support plate suitable for TAS2000, TAS360, IF2000, TAS22AD FITRE-Phones and Intercoms

Note: the disassembled acoustic booth allows a substantial reduction of packing, transport and storage costs.

INOX AISI 304

*MOST RECOMMENDED USE
IN OIL&GAS APPLICATIONS*

dimensions (W x H x D) 700,0 x 920,0 x 700,0 mm

weight 38,0 kg

P/N 5617161

BPX70-92/F



Booth pillar

- INOX AISI 304 stainless steel
- Painted in yellow colour (RAL1021)
- Suitable for AG and AGX series of FITRE Acoustic Booths

INOX AISI 304

*SUITABLE USE IN OIL&GAS
APPLICATIONS*

dimensions (W x H x D) 450,0 x 1995,0 x 304,0 mm

weight 35,0 kg

P/N 5617180

PILLAR EXTENDER

Accessory for BPX70-92 and BPX70-92/F pillars



Pillar extender up to 2500mm height

- INOX AISI 304 stainless steel
- No paint
- Brackets for installing a luminous/acoustic telephone ringer (R140 or TWIN series)

INOX AISI 304

MOST RECOMMENDED USE
IN OIL&GAS APPLICATIONS

weight 1,7 kg

P/N 5617185

AG/F GRP



Glass fiber reinforced plastic (GRP) laminate construction

- Painted in yellow colour (RAL1006) as standard
- INOX AISI 316 support plate suitable for TAS2000, TAS360, IF2000, TAS21 FITRE-Phones and Intercoms
- 23,9dB mean noise reduction
- Polypropylene interior
- 50mm acoustic lining panels
- Internal gear plate for ease of equipment mounting
- Detachable internal shelf
- Fire-retardant

GRP

NOT RECOMMENDED USE
IN OIL&GAS APPLICATIONS

dimensions (W x H x D) 700,0 x 600,0 x 920,0 mm

weight 25,0 kg

P/N 5617185R

AG/F GRP



Glass fiber reinforced plastic (GRP) laminate construction

- Painted in yellow colour (RAL1006) as standard
- INOX AISI 316 universal support plate without drillings
- 23,9dB mean noise reduction
- Polypropylene interior
- 50mm acoustic lining panels
- Internal gear plate for ease of equipment mounting
- Detachable internal shelf
- Fire-retardant

GRP

NOT RECOMMENDED USE
IN OIL&GAS APPLICATIONS

dimensions (W x H x D) 700,0 x 600,0 x 920,0 mm

weight 25,0 kg

P/N 5617140

P52 COMPLETE OF SUPPORT PLATE



Plastic protection hood

- Support plate suitable for TAS2000, TAS360, IF2000, TAS21 FITRE-Phones and Intercoms
- Yellow colour

PLASTIC

NOT RECOMMENDED USE
IN INDUSTRIAL
APPLICATIONS

dimensions (W x H x D) 530,0 x 700,0 x 400,0 mm

weight 9,5 kg

P/N 5617141

PILLAR FOR P52 BOOTH



Technoplastic pillar

- Accessories for fixing P52 protection hood (P/N 5617140)
- Made in grey GRP resin

GRP

dimensions (W x H x D) 100,0 x 2000,0 x 100,0 mm

weight 9,5 kg

NOT RECOMMENDED USE
IN INDUSTRIAL
APPLICATIONS

P/N 5617124

P83



Transparent plastic protection hood

- Support plate suitable for TAS2000, TAS360 and IF2000 FITRE-Phones and Intercoms

PLASTIC

dimensions (W x H x D) 825,0 x 1020,0 x 490,0 mm

weight 15,0 kg

NOT RECOMMENDED USE
IN INDUSTRIAL
APPLICATIONS

P/N 5617152

PILLAR FOR P83 BOOTH



Steel pillar for P83 hood

- Zinc coated and RAL7031 painted

GALVANIZED STEEL

dimensions (W x H x D) 500,0 x 1700,0 x 250,0 mm

weight 32,0 kg

NOT RECOMMENDED USE
IN INDUSTRIAL
APPLICATIONS

VoIP

WEATHERPROOF

P/N D001166

CRUISE SHIP PAGA ACCESS PANEL



Cruise ship VoIP PAGA ACCESS PANEL 8 keys

HANDSFREE**WALL MOUNTING****IP66****0°C to + 70°C**

Option:
Remote Monitoring by
ASTRO System Manager

P/N 71331xf

TASVOICE 80x CUSTOMIZED ON-BOARD PHONE UNIT



Driver telephone for Metro & Railways

SOS / VoIP Emergency Call Point for Railway applications

Family of Products expressly manufactured according to Customer specifications.

HANDSET**FLUSH MOUNTING****IP65****- 40°C to + 70°C**

Option:
Remote Monitoring by
ASTRO System Manager

P/N 71331yf

TASVOICE 80x CUSTOMIZED ON-BOARD PHONE UNIT COMPLIANT 50155



Driver telephone for Metro & Railways

SOS / VoIP Emergency Call Point for Railway applications

Family of Products expressly manufactured according to Customer specifications.

HANDSET**FLUSH MOUNTING****IP65****- 40°C to + 70°C**

Option:
Remote Monitoring by
ASTRO System Manager

P/N 71331xd

TASVOICE SERIES 164/1K T-TEL



On-board VoIP Emergency Call Point for Metro and Railways applications, with direct call button and call status visual and audible indications.

HANDSFREE**FLUSH MOUNTING****IP65****- 40°C to + 70°C**

Option:
Remote Monitoring by
ASTRO System Manager

dimensions (W x H x D) 106,0 x 164,0 x 53,0 mm

weight 850 g

VoIP

WEATHERPROOF

P/N 71331xc

TASVOICE SERIES 164/1K - 2LAN



Digital IP intercom for flush mounting installation. Double LAN interfaces for Railway applications.

Family of Products expressly manufactured according to Customer specifications.

dimensions (W x H x D) 106,0 x 164,0 x 68,0 mm

weight 1,0 kg

HANDSFREE

FLUSH MOUNTING

IP65

- 40°C to + 70°C

Option:
Remote Monitoring by
ASTRO System Manager

P/N 71331xxc

TASVOICE SERIES 164/1K - 2LAN - IL



Digital VoIP intercom for flush mounting installation. Double LAN interfaces for Railway applications.

Family of Products expressly manufactured according to Customer specifications.

- 3 ON/OFF or voltage command inputs and 2 output relays for interfacing with external systems
- Additional "Inductor Loop" device in order to support the communication with hearing-impaired people

dimensions (W x H x D) 106,0 x 164,0 x 68,0 mm

weight 1,0 kg

HANDSFREE

FLUSH MOUNTING

IP65

- 40°C to + 70°C

Option:
Remote Monitoring by
ASTRO System Manager

P/N 71331xa

TASVOICE SERIES 164/1K



SOS / Emergency Call Point for Railway applications

Family of Products expressly manufactured according to Customer specifications.

- 1 emergency call button

dimensions (W x H x D) 106,0 x 164,0 x 53,0 mm

weight 850 g

HANDSFREE

FLUSH MOUNTING

IP65

- 40°C to + 70°C

Option:
Remote Monitoring by
ASTRO System Manager

P/N 71331xx

TASVOICE SERIES 164/1K WITH LEVER

SOS / VoIP Emergency Call Point for Railway applications

Family of Products expressly manufactured according to Customer specifications.

- 1 emergency call button
- Lever call module with optical visualization (P/N J7132882)

dimensions (W x H x D) 106,0 x 164,0 x 53,0 mm

HANDSFREE

FLUSH MOUNTING

IP65

- 40°C to + 70°C

Option:
Remote Monitoring by
ASTRO System Manager

VoIP

WEATHERPROOF

P/N 71331xe

TASVOICE SERIES 164/2K - 2LAN



SOS / VoIP Emergency Call Point for Railway applications, double standard Analog/Digital IP intercom for flush mounting installation.

Family of Products expressly manufactured according to Customer specifications.

- 1 SOS emergency call button
- 1 INFO call button

dimensions (W x H x D) 120,0 x 180,0 x 70,0 mm

weight 850 g

HANDSFREE

FLUSH MOUNTING

IP65

- 40°C to + 70°C

Option:
Remote Monitoring by
ASTRO System Manager

P/N 71331xg

TASVOICE SERIES 164/4K ON-BOARD CUSTOM INTERCOM UNIT



Customized VoIP communication unit for Metro Driver

HANDSFREE

FLUSH MOUNTING

IP65

- 40°C to + 70°C

Option:
Remote Monitoring by
ASTRO System Manager

P/N 7426100

TSF100 INTERCOM ALARM FOR ELEVATOR CAB ROOF



Terminal designed for connection to PSTN (or analog internal of PABX)

- Remotely diagnosed.
- Panic comfort messages
- Cyclic test call
- Acoustic performance in the cabin equal to 90dB/1m
- Power supply: 230VAC
- Backup battery: 12VDC - 2,2Ah (lead gel)
- Selection mode: multifrequency
- Stand-by line voltage required: 24÷60VDC
- Relative humidity: max. 95%

- 5°C to + 45°C

dimensions (W x H x D) 205,0 x 262,0 x 95,0 mm

weight 3,8 kg

P/N 7426102

TSF102 ELEVATOR INTERCOM UNIT FOR MAINTENANCE



PIT ALARM button + PIT MICROPHONE with 6m connection cable and connector.

dimensions (W x H x D) 56,0 x 90,0 x 23,0 mm

weight 225 g

P/N 7426103

TSF103 MICROPHONE



Microphone with 3m cable for communication in the lift cabin

weight 130 g

P/N 2611205

SHIELDED CABLE FOR TSF103 MICROPHONE



Shielded cable for TSF103 microphone (P/N 7426103)

weight 1,42 kg

P/N 7426125

INDUCTOR LOOP

Accessory for LIFTVOX



AFILS system (Audio Frequency Induction Loop System) for TSF100 (P/N 7426100).

- AC/DC power supply with terminal blocks
- Inductor: 2mH
- Constant current amplifier
- Stand-by current: 120µA
- Maximum current consumption: 380mA
- Bandwidth: 100÷5000Hz
- Inhibit signal: 12V, opto-isolated
- Connection cables to TSF100

dimensions (W x H x D) 217,0 x 113,0 x 63,0 mm

P/N 7426140N

TSF140H ELEVATOR INTERCOM UNIT

Horizontal mount cabin unit

Panel complete with microphone and LED for installation in the cabin.



dimensions (W x H x D) 132,0 x 72,0 x 6,0 mm

P/N 7426142NV

TSF140V ELEVATOR INTERCOM UNIT (IT/EN)

Vertical mount cabin unit

Bilingual panel (IT/EN) complete of microphone and LED for installation in the cabin.



dimensions (W x H x D) 72,0 x 132,0 x 6,0 mm

Analog

INDOOR

P/N 7127535

TONO HOT-LINE



Analog CB telephone desk/wall mounting, without keyboard for emergency communications performed by lifting the handset.

- Directly powered by standard analog lines
- Connection to PTT trunk or PBX extension lines
- Receiving volume adjustment
- Red colour

HANDSET**DESK/WALL MOUNTING****0°C to + 50°C**

dimensions (W x H x D) 95,0 x 245,0 x 90,0 mm

weight 800 g

Analog

WEATHERPROOF

P/N 7133690A

TAS2000 VOX 1M



Analog ACB weatherproof and vandalproof telephone

- IP66 protection
- Die-cast "copper-free" aluminium alloy case
- Both full-duplex handsfree and handset
- 1 memory key for 1 programmable number
- Suitable for remote configuration and diagnostics (Astro System Manager)
- Adjustable receiver volume
- Metallic spring protection for telephone cord

HANDSET/HANDSFREE

WALL MOUNTING

IP66

- 20°C to + 70°C

Option:
Remote Monitoring by
ASTRO System Manager

dimensions (W x H x D) 230,0 x 270,0 x 140,0 mm

weight 6,0 kg

P/N 7132461X

TAS2000 MEMO 0M/ST (-40°C)



Analog ACB weatherproof and vandalproof telephone

- IP66 protection
- Die-cast "copper-free" aluminium alloy case
- Without keyboard direct call
- Adjustable receiver volume
- Metallic spring protection for telephone cord

HANDSET

WALL MOUNTING

IP66

- 40°C to + 70°C

dimensions (W x H x D) 230,0 x 270,0 x 140,0 mm

weight 5,8 kg

P/N 7132261X

TAS2000 1M/ST



Analog ACB weatherproof and vandalproof telephone

- IP66 protection
- 1 programmable memory key
- Die-cast "copper free" aluminium alloy case
- Adjustable volume loud bell (95dB/1m)
- Metallic spring protection for telephone cord

HANDSET

WALL MOUNTING

IP66

- 20°C to + 60°C

dimensions (W x H x D) 230,0 x 270,0 x 140,0 mm

weight 5,5 kg

P/N 7132471A

TAS2000 MEMO 2MT



Analog ACB weatherproof and vandalproof telephone

- IP66 protection
- Die-cast "copper-free" aluminium alloy case
- 2 memory keys for 2 programmable numbers
- Automatic prefix dialling
- Headset connector and adjustable receiver volume
- Metallic spring protection for telephone cord

HANDSET

WALL MOUNTING

IP66

- 20°C to + 70°C

dimensions (W x H x D) 230,0 x 270,0 x 140,0 mm

weight 5,8kg

Analog

WEATHERPROOF

P/N 7132671

TAS360 VOX 1M/ST



Analog ACB weatherproof and vandalproof handsfree telephone

- IP66 protection
- Die-cast "copper free" aluminium alloy case
- 1 programmable call key + 1 light

HANDSFREE**WALL MOUNTING****IP66****- 40°C to + 70°C**

Option:
Remote Monitoring by
ASTRO System Manager

dimensions (W x H x D) 120,0 x 360,0 x 100,0 mm

weight 3,3 kg

P/N 7132673

TAS360 VOX 1M/ST GREY



Analog ACB weatherproof and vandalproof handsfree telephone

- IP66 protection
- Die-cast "copper free" aluminium alloy case
- 1 programmable call key + 1 light
- RAL7001

HANDSFREE**WALL MOUNTING****IP66****- 20°C to + 70°C**

Option:
Remote Monitoring by
ASTRO System Manager

dimensions (W x H x D) 120,0 x 360,0 x 100,0 mm

weight 3,8 kg

P/N 7132679

TAS360VOX 1M + I/O



Analog ACB weatherproof and vandalproof handsfree telephone

- IP66 protection
- Die-cast "copper free" aluminium alloy case
- 1 programmable call key + 1 light
- I/O card with 2 relays (to switch door lock, lights, etc.) for remote or local control through programmable codes (P/N 7133676)

HANDSFREE**WALL MOUNTING****IP66****- 40°C to + 70°C**

Option:
Remote Monitoring by
ASTRO System Manager

dimensions (W x H x D) 120,0 x 360,0 x 100,0 mm

weight 3,8 kg

P/N 7132693

TAS360 VOX 1M/ST+I/O+MUSHROOM BOX FOR DLT - TCR



Analog ACB weatherproof and vandalproof handsfree telephone

- IP66 protection
- Die-cast "copper free" aluminium alloy case
- 1 programmable call key + 1 light
- I/O card with 2 relays (to switch door lock, lights, etc.) for remote or local control through programmable codes
- Mushroom box for DLT - TCR

HANDSFREE**WALL MOUNTING****IP66****- 20°C to + 70°C**

Option:
Remote Monitoring by
ASTRO System Manager

dimensions (W x H x D) 120,0 x 640,0 x 143,0 mm

Analog

WEATHERPROOF

P/N 7132xyy

TAS360 VOX 1M/ST+I/O+MUSHROOM BOX FOR DLT - TCR + BLUE LIGHT



Analog ACB weatherproof and vandalproof handsfree telephone

- IP66 protection
- Die-cast "copper free" aluminium alloy case
- 1 programmable call key + 1 light
- 1 Blue light flashing lamp
- I/O card with 2 relays (to switch door lock, lights, etc.) for remote or local control through programmable codes
- Mushroom box for DLT - TCR

HANDSFREE**WALL MOUNTING****IP66****- 20°C to + 70°C**

P/N 7132674

TAS360 VOX 4M/ST



Analog ACB weatherproof and vandalproof handsfree telephone

- IP66 protection
- Die-cast "copper free" aluminium alloy case
- 4 programmable call keys + 1 light

HANDSFREE**WALL MOUNTING****IP66***Option:**Remote Monitoring by
ASTRO System Manager*

dimensions (W x H x D) 120,0 x 360,0 x 100,0 mm

weight 3,8 kg

P/N 7132675

TAS360 VOX 4M/FM



Analog ACB weatherproof and vandalproof handsfree telephone

- IP66 protection
- Die-cast "copper free" aluminium alloy case
- Flush mounting
- 4 programmable call keys (special for SOS tunnel cabinets)

HANDSFREE**WALL MOUNTING****IP66****- 20°C to + 70°C***Option:**Remote Monitoring by
ASTRO System Manager*

dimensions (W x H x D) 120,0 x 360,0 x 90,0 mm

weight 3,8 kg

P/N 7132678

TAS360 VOX 8M



Analog ACB weatherproof and vandalproof handsfree telephone

- IP66 protection
- Die-cast "copper free" aluminium alloy case
- 8 programmable call keys + 1 light

HANDSFREE**WALL MOUNTING****IP66****- 20°C to + 70°C***Option:**Remote Monitoring by
ASTRO System Manager*

dimensions (W x H x D) 120,0 x 360,0 x 100,0 mm

weight 3,8 kg

Analog

WEATHERPROOF

P/N 7132645

RELAY & AMPLIFIER CARD

Accessory for 900 series telephones



Card equipped with 2 relays and amplifier

- Remote or local control through programmable codes
- Also fitted with amplifier for internal or external loudspeaker

A local 12VDC power source is required.

dimensions (W x H) 65,0 x 95,0 mm

weight 50 g

Analog

WEATHERPROOF

P/N 7132712

TASVOX 1M/GRP



Analog telephone for wall mount installation

- Weatherproof IP65 GRP housing
- Handsfree
- Full-Duplex conversation
- 1 direct SOS call key

HANDSFREE**WALL MOUNTING****IP65****- 20°C to + 70°C**

Option:
Remote Monitoring by
ASTRO System Manager

dimensions (W x H x D) 120,0 x 380,0 x 160,0 mm

weight 2,4 kg

P/N 7132710

TASVOX 1M/GRP-IL



Analog telephone for wall mount installation

- Weatherproof IP65 GRP housing
- Handsfree
- Full-Duplex conversation
- 1 direct SOS call key

HANDSFREE**WALL MOUNTING****IP65****- 20°C to + 70°C**

* Embedded "Inductor Loop" for passengers with hearing difficulties *

Option:
Remote Monitoring by
ASTRO System Manager

dimensions (W x H x D) 120,0 x 380,0 x 160,0 mm

weight 1,5 kg

P/N 7132711

TASVOX 1M/GRP-IL + I/O



Analog telephone for wall mount installation

- Weatherproof IP65 GRP housing
- Handsfree
- Full-Duplex conversation
- 1 direct SOS call key

HANDSFREE**WALL MOUNTING****IP65****- 20°C to + 70°C**

* Embedded "Inductor Loop" for passengers with hearing difficulties and relay electronic card (P/N 7133676) to perform the remote opening of a door or driving strobes *

Option:
Remote Monitoring by
ASTRO System Manager

dimensions (W x H x D) 120,0 x 380,0 x 160,0 mm

weight 1,5 kg

P/N 7132731

TASVOX SOS GSM GRP



Analog GSM telephone for wall mount installation

- Weatherproof IP65 GRP housing
- Handsfree conversation
- Ringing sound intensity: >80dB(A) at 1m (adjustable)
- Large mushroom head direct SOS call key
- Up to 8 programmable SOS telephone numbers
- GSM module: GSM/GPRS Quad-Band 850/900/1800/1900 MHz
- Battery operation in stand-by mode: approx. 6 hours
- Optional GSM/3G external antenna, with 3 metres cable, fitted with male SMA connector (P/N 7128161)

HANDSFREE**WALL MOUNTING****IP65****0°C to + 45°C**

dimensions (W x H x D) 120,0 x 454,0 x 160,0 mm

weight 1,5 kg

Analog

WEATHERPROOF

P/N 7132731x

TASVOX SOS GSM GRP + EXTERNAL ANTENNA + AP14N LOUDSPEAKER



Analog GSM telephone equipped with external antenna and internal booster to connect an AP14N loudspeaker

- Weatherproof IP65 GRP housing
- Handsfree conversation
- Ringing sound intensity: >80dB(A) at 1m (adjustable)
- Large mushroom head direct SOS call key
- Up to 8 programmable SOS telephone numbers
- GSM module: GSM/GPRS Quad-Band 850/900/1800/1900 MHz
- GSM/3G external antenna with 3 metres cable
- Battery operation in stand-by mode: approx. 6 hours

weight 3,5 kg

HANDSFREE

WALL MOUNTING

Analog

WEATHERPROOF

P/N 7133600S

TASVOX 901S



Analog ACB telephone

- Flush mounting - weatherproof 2 mm thick stainless steel plate
- IP65 protection
- 1 programmable call key

HANDSFREE**FLUSH MOUNTING****IP65****- 20°C to + 70°C**

Option:
Remote Monitoring by
ASTRO System Manager

dimensions (W x H x D) 100,0 x 252,0 x 64,0 mm

weight 865 g

P/N 7133607S

TASVOX 901S + I/O



Analog ACB telephone

- Flush mounting - weatherproof 2 mm thick stainless steel plate
- IP65 protection
- 1 programmable call key
- I/O card with 2 relays (to switch door lock, lights, etc.) for remote or local control through programmable codes

HANDSFREE**FLUSH MOUNTING****IP65****- 20°C to + 70°C**

Option:
Remote Monitoring by
ASTRO System Manager

dimensions (W x H x D) 100,0 x 252,0 x 64,0 mm

weight 865 g

P/N 7133605

TASVOX 901/IST



Analog ACB telephone

- Flush mounting
- IP65 protection
- 1 programmable call key
- I/O card with 2 relays (to switch door lock, lights, etc.) for remote or local control through programmable codes

HANDSFREE**FLUSH MOUNTING****IP65****- 40°C to + 70°C**

* Special execution for Istanbul Metro Project *

Option:
Remote Monitoring by
ASTRO System Manager

dimensions (W x H x D) 100,0 x 252,0 x 64,0 mm

weight 892 g

P/N 7133605T

TASVOX 901T/IST



Analog ACB telephone coated with moisture protective paint

- Flush mounting
- IP65 protection
- 1 programmable call key
- I/O card with 2 relays (to switch door lock, lights, etc.) for remote or local control through programmable codes

HANDSFREE**FLUSH MOUNTING****IP65****- 40°C to + 70°C**

* Special execution for Istanbul Metro Project *

dimensions (W x H x D) 100,0 x 252,0 x 64,0 mm

weight 892 g

Analog

WEATHERPROOF

P/N 7133601S

TASVOX 904S



Analog ACB telephone

- Flush mounting - weatherproof 2 mm thick stainless steel plate
- IP65 protection
- 4 programmable call keys

IP65

- 20°C to + 70°C

dimensions (W x H x D) 100,0 x 252,0 x 64,0 mm

weight 865 g

Option:
Remote Monitoring by
ASTRO System Manager

P/N 7133602S

TASVOX 908S



Analog ACB telephone

- Flush mounting - weatherproof 2 mm thick stainless steel plate
- IP65 protection
- 8 programmable call keys

IP65

- 20°C to + 70°C

dimensions (W x H x D) 100,0 x 252,0 x 64,0 mm

weight 865 g

Option:
Remote Monitoring by
ASTRO System Manager

P/N 7133004

PROTRUDING CASE

Accessory for 900 series telephones



Natural anodized aluminium case for protruding wall mounting

dimensions (W x H x D) 105,0 x 258,0 x 70,0 mm

weight 455 g

P/N 7133005

PROTRUDING CANOPY

Accessory for 900 series telephones



Protruding aluminium roof

- To be added to the flush mounting telephone plate

dimensions (W x H x D) 105,0 x 258,0 x 30,0 mm

Analog

WEATHERPROOF

P/N 7133006

PROTRUDING CASE

Accessory for 900 series telephones



- Anodized aluminium case for protruding wall mounting
- Built-in roof for a higher protection from bad weather

dimensions (W x H x D) 105,0 x 258,0 x 100,0 mm

weight 535 g

P/N 7133800

DESK CASE

Accessory for 900 series telephones



- Desk case
- Natural anodized aluminium; black base
 - Equipped with screws for mounting telephones of the 900 series

dimensions (W x H x D) 105,0 x 265,0 x 160,0 mm

weight 350 g

P/N 7133644

OPTIONAL AMPLIFIER CARD

Accessory for 900 series telephones



On-board amplifier for increasing the output volume of the internal loudspeaker or to connect an external loudspeaker.

A local 12VDC power source is required.

dimensions (W x H) 30,0 x 50,0 mm

weight 50 g

P/N 7133676

RELAY CARD

Accessory for 900 series telephones



Card equipped with 2 relays (to switch door lock, lights, etc.) for remote or local control through programmable codes.

Contact range on resistive load:

- maximum switchable power: 60W (DC) - 1250VA (AC)
- maximum switchable voltage: 110VDC - 250VAC
- maximum switchable current: 2A (DC) - 2A (AC)

The range shall be reduced according to the inductive or capacitive load.

A local 12VDC power source is required.

dimensions (W x H) 27,0 x 65,0 mm

weight 50 g

Analog

WEATHERPROOF

P/N 7133551

TASVOX 240



Analog telephone for flush mounting installation built on weatherproof IP65 stainless steel AISI 304 plate and IP65 rear protection.

- Handsfree conversation
- Vandal-proof equipped with 1 direct SOS call key

HANDSFREE**FLUSH MOUNTING****IP65****- 40°C to + 70°C**

Option:
Remote Monitoring by
ASTRO System Manager

dimensions (W x H x D) 100,0 x 252,0 x 64,0 mm

weight 930 g

P/N 7133552

TASVOX 215



Analog telephone for flush mounting installation built on weatherproof IP65 stainless steel AISI 304 plate and IP65 rear protection.

- Handsfree conversation
- Vandal-proof equipped with 1 direct SOS call key

HANDSFREE**FLUSH MOUNTING****IP65****- 20°C to + 70°C**

Option:
Remote Monitoring by
ASTRO System Manager

dimensions (W x H x D) 110,0 x 294,0 x 57,0 mm

weight 1,55 kg

Analog

WEATHERPROOF

P/N 7133502

TASVOX 952/IL



Analog telephone for flush mount installation built on weatherproof IP66 aluminium plate and IP66 rear protection.

- Handsfree conversation
- Vandal-proof equipped with 1 direct SOS call key and 1 direct INFO call key
- It is configured with the additional "Inductor Loop" device in order to support the communication with people with a hearing aid

HANDSFREE

FLUSH MOUNTING

IP66

- 20°C to + 70°C

*Option:
Remote Monitoring by
ASTRO System Manager*

dimensions (W x H x D) 195,0 x 330,0 x 81,0 mm

weight 1,97 kg

P/N 7133900

WALL CASE FOR TASVOX & TASVOIP 95X SERIES PHONES

Wall case for TASVOX & TASVOIP 95X series telephone sets

FLUSH MOUNTING

dimensions (W x H x D) 280,0 x 400,0 x 88,0 mm

P/N 7133550

TASVOX 961/SOS



Analog telephone for flush mounting installation built on weatherproof IP66 stainless steel AISI304 plate and IP66 rear protection.

- Vandal-proof equipped with 1 direct EMERGENCY call key
- Handsfree conversation

HANDSFREE

FLUSH MOUNTING

IP66

- 20°C to + 70°C

*Option:
Remote Monitoring by
ASTRO System Manager*

dimensions (W x H x D) 155,0 x 275,0 x 75,0 mm

weight 1,35 kg

P/N 7133550x

TASVOX 961/SOS GSM + EXTERNAL ANTENNA



Analog GSM telephone for flush mounting installation built on weatherproof IP66 stainless steel AISI304 plate and IP66 rear protection.

- Vandal-proof equipped with 1 direct EMERGENCY call key
- GSM/3G external antenna with 3 metres cable and SMA connector
- Power supply: 12VDC - 1A
- Ringing sound intensity: >80dB(A) at 1m (adjustable)
- Up to 8 programmable SOS telephone numbers
- GSM module: GSM/GPRS Quad-Band 850/900/1800/1900 MHz
- Battery operation in stand-by mode: approx. 6 hours

HANDSFREE

FLUSH MOUNTING

IP66

- 20°C to + 70°C

dimensions (W x H x D) 155,0 x 275,0 x 75,0 mm

weight 1,35 kg

Analog

WEATHERPROOF

P/N 71335xx

TASVOX 962



- Analog ACB telephone for flush mount installation built on stainless steel AISI304 weatherproof IP66 plate.
- Protection against external mechanical impacts IK07 (EN62262)
- Handsfree conversation
- Vandal-proof equipped with 2 direct call keys (INFO-SOS)

HANDSFREE**FLUSH MOUNTING****IP66****- 40°C to + 70°C**

dimensions (W x H x D) 155,0 x 275,0 x 75,0 mm

weight 1,35 kg

Option:
Remote Monitoring by
ASTRO System Manager

P/N 7133984

WALL BOX

Accessory for 961 and 962 series telephones

Stainless steel case for wall mounting of 961 and 962 telephone sets series, as an alternative to standard flush mounting.

WALL MOUNTING

dimensions (W x H x D) 182,0 x 360,0 x 80,5 mm

weight 2,68 kg

Analog

WEATHERPROOF

P/N 7133623

TASVOX 1004



Analog ACB telephone

- Flush mounting
- Weatherproof INOX steel plate
- IP66 protection
- 4 programmable call keys

HANDSFREE**FLUSH MOUNTING****- 20°C to + 70°C**

dimensions (W x H x D) 180,0 x 260,0 x 57,0 mm

weight 1,45 kg

Option:
Remote Monitoring by
ASTRO System Manager

P/N 7133621

TASVOX 1004/ST



Analog ACB emergency telephone

- Flush mounting
- Weatherproof INOX steel plate
- IP66 protection
- No keys, but able to be connected up to 4 programmable external keys
- Special version for SOS housings for road tunnels
- Back cover kit and accessories available on request

HANDSFREE**FLUSH MOUNTING****IP66****- 20°C to + 70°C**

dimensions (W x H x D) 180,0 x 260,0 x 57,0 mm

weight 1,45 kg

Option:
Remote Monitoring by
ASTRO System Manager

P/N 7133625

TASVOX 1001/ST DUAL BUS



Analog ACB emergency telephone suitable for connection of up to 2 PSTN analog lines in "Bus" configuration (several devices sharing a single telephone line with exclusive access)

- Flush mounting • IP66 2mm thick anti-vandal and stainless steel plate
- Handsfree & full-duplex conversation
- Version without buttons, with plug-in terminals for connecting an external call button
- Calling device identification via DTMF protocol (FITRE ASTRO Server is required)
- Automatic hang-up at the end of conversation
- Back cover kit and accessories available on request

HANDSFREE**FLUSH MOUNTING****IP66****- 20°C to + 70°C**

dimensions (W x H x D) 180,0 x 260,0 x 57,0 mm

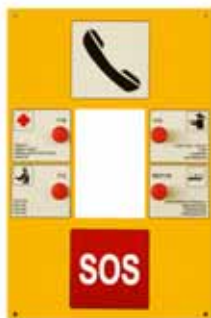
weight 1,0 kg

Option:
Remote Monitoring by
ASTRO System Manager

P/N 7133028

PLATE

Accessory for 1000 series telephones



Aluminium face plate 3mm thickness

- Painted yellow RAL1023
- Equipped with 4 mushroom push buttons and screen printed symbols "Ambulance", "Fire", "Police", "Breakdown"
- For installation of a telephone type TASVOX or TASVOIP 1004 series in a SOS tunnel cabinet

dimensions (W x H x D) 496,0 x 748,0 x 3,0 mm

Analog

WEATHERPROOF

P/N 7133541

TASVOX 951L/SOS



Tamper-proof handsfree telephone with automatic pre-set calls

Designed to meet the application needs required by industrial and public address communication environments, in particular for all those applications where, in case of emergency, it is necessary to call emergency stations by selecting, through the simple pressing of a single button, one or more previously stored numbers.

- Required line voltage (telephone set in stand-by): 24÷60VDC
- Required line current (engaged line): 18÷60mA (recommended 25÷50mA)

dimensions (W x H x D) 170,0 x 365,0 x 135,0 mm

weight 1,87 kg

HANDSFREE

FLUSH MOUNTING

IP65

P/N 7133xxx

TASVOX 951L-GSM-SOS + EXTERNAL ANTENNA



Analog GSM telephone flush mounting installation

- Power supply: 12VDC / 1A
- Weatherproof IP65 2mm stainless steel plate with protruding canopy
- Handsfree conversation
- Ringing sound intensity: >80dB(A) at 1m
- Large mushroom head direct SOS call key
- Up to 8 programmable SOS telephone numbers
- GSM module: GSM/GPRS Quad-Band 850/900/1800/1900 MHz
- GSM/3G external antenna with 3 metres cable
- Conversation working time with battery: 90 minutes

dimensions (W x H x D) 170,0 x 365,0 x 135,0 mm

weight 1,87 kg

HANDSFREE

FLUSH MOUNTING

IP65

- 40°C to + 70°C

P/N J7132882

LEVER CALL MODULE



Weatherproof lever call module with optical visualization suitable for:

- TAS360 VOX analog ACB weatherproof telephone set (P/N 7132690)
- TTS23-2T weatherproof emergency telephone set for Fire Brigade emergency intercom system (P/N 7111502)

dimensions (W x H x D) 63,0 x 63,0 x 60,0 mm

weight 220 g

P/N 7132690

TAS360 VOX L-1M + I/O

Analog ACB weatherproof telephone set fitted with lever call module (P/N J7132882) and I/O card (P/N 7133676)

- Full duplex handsfree
- Die-cast "copper free" aluminium alloy case

dimensions (W x H x D) 120,0 x 360,0 x 100,0 mm

weight 4,1 kg

HANDSFREE

WALL MOUNTING

IP66

- 40°C to + 70°C

Analog

WEATHERPROOF

P/N 7111502

TTS23-2T (SIBIL VVFF - MM)



Weatherproof emergency telephone set (SIBIL VVFF - MM)

- Die-cast "copper-free" aluminium alloy case
- Equipped with 2 lever call modules with optical visualization (P/N J7132882)
- Special version suitable for Fire Brigade intercom systems:
 - 2-line weatherproof control box with 24VDC power supply (P/N 7111503)
 - 4-line weatherproof control box with 24VDC power supply (P/N 7111510)
- RAL7001

HANDSFREE

WALL MOUNTING

IP67

dimensions (W x H x D) 120,0 x 393,0 x 146,0 mm

weight 3,75 kg

P/N 7111503

2-LINE WEATHERPROOF CONTROL BOX



2-line weatherproof control box with 24VDC power supply • Special version for Fire Brigade

The system allows the communication between a handsfree intercom type TTS 23-2T (P/N 7111502) and the headset (or handset).

Since up to 2 intercoms can be connected, a special switch allows the selection of one or the other TTS 23-2T.

Each TTS 23-2T can operate in "handsfree" or in alternative mode, which can be selected with the "push-to-talk" (PTT) lever call module.

WALL MOUNTING

IP56

dimensions (W x H x D) 253,0 x 225,0 x 100,0 mm

weight 1,1 kg

P/N 7111510

4-LINE WEATHERPROOF CONTROL BOX

4-line weatherproof control box with 24VDC power supply • Special version for Fire Brigade

The system allows the communication between a handsfree intercom type TTS 23-2T (P/N 7111502) and the headset (or handset).

Since up to 4 intercoms can be connected, a special switch allows the selection of one line or the other, while a second switch selects whether to communicate with one intercom (TTS 23-2T 1A) or the other belonging to the selected line (TTS 23-2T 2A).

Each TTS 23-2T can operate in "handsfree" or in alternative mode, which can be selected with the "push-to-talk" (PTT) lever call module.

WALL MOUNTING

IP56

dimensions (W x H x D) 253,0 x 225,0 x 100,0 mm

weight 1,1 kg

Analog

WEATHERPROOF

P/N 7133626

SANIVOX 901S



Analog ACB telephone for clean rooms

- Flush mounting
- IP66 weatherproof front surface without holes and fully washable by common detergents or bactericidals
- 1 memory key
- Slim thickness 34mm depth only

* Product manufactured upon request. MOQ 25 pcs *

dimensions (W x H x D) 125,0 x 280,0 x 34,0 mm

weight 800 g

HANDSFREE**FLUSH MOUNTING****IP66****- 20°C to + 70°C**

Option:
Remote Monitoring by
ASTRO System Manager

P/N 7133627

SANIVOX 904S



Analog ACB telephone for clean rooms

- Flush mounting
- IP66 weatherproof front surface without holes and fully washable by common detergents or bactericidals
- 4 memory keys
- Slim thickness 34mm depth only

* Product manufactured upon request. MOQ 25 pcs *

dimensions (W x H x D) 125,0 x 280,0 x 34,0 mm

weight 800 g

HANDSFREE**FLUSH MOUNTING****IP66****- 20°C to + 70°C**

Option:
Remote Monitoring by
ASTRO System Manager

P/N 7133628

SANIVOX 908S



Analog ACB telephone for clean rooms

- Flush mounting
- IP66 weatherproof front surface without holes and fully washable by common detergents or bactericidals
- 8 memory keys
- Slim thickness 34mm depth only

* Product usually available ex-stock *

dimensions (W x H x D) 125,0 x 280,0 x 34,0 mm

weight 800 g

HANDSFREE**FLUSH MOUNTING****IP66****- 20°C to + 70°C**

Option:
Remote Monitoring by
ASTRO System Manager

P/N 8131931

BACK-BOX

Accessory for decontaminable telephones



Galvanized steel back-box for concrete wall installation of SANIVOX-SANIVOIP series telephone sets.

- 0,8mm thick (also available with 0,7mm thickness on request)

It is not necessary for installation on metal, plastic panels or sandwich panels.

dimensions (W x H x D) 107,0 x 265,0 x 56,0 mm

weight 400 g

WALL MOUNTING

Analog

WEATHERPROOF

P/N 7133060

BACK-BOX

Accessory for decontaminable telephones



Stainless steel back-box for surface installation of SANIVOX-SANIVOIP series telephone sets as alternative to the flush mounting installation.

WALL MOUNTING

dimensions (W x H x D) 135,0 x 290,0 x 36,5 mm

weight 440 g

P/N 7133987

INSTALLATION KIT FOR SANIVOX/SANIVOIP

Installation and repositioning kit for SANIVOX and SANIVOIP series telephone sets.

Analog

EXPLOSION-PROOF

P/N 7133201

TASVOX AD 1M



Explosion-proof ACB analog telephone

- Light alloy oven-varnished housing
- Full-duplex handsfree
- 1 key for calling a programmable number
- 1 built-in relay
- Sound level of the call: >80dB/1m
- Auto hang-up at the end of conversation on detection of the busy tone
- Possibility of 12VDC power supply for a higher audio quality
- 2 1/2" cable entries
- ATEX Eex d IIB 2G T4

dimensions (W x H x D) 245,0 x 490,0 x 250,0 mm

weight 12,6 kg

HANDSFREE

WALL MOUNTING

IP66

- 20°C to + 70°C

ATEX

P/N 7128300

TONO VOIP HOT-LINE RED



Desk mounting telephone for emergency communications

- No keyboard
- SIP protocol • PoE compatible
- 2 status LED: "READY" & "ON CALL"
- VOL+ / VOL- keys for adjusting the receiving volume
- Red colour

HANDSET**DESK MOUNTING****IP30****- 25°C to + 70°C****VOIP-LINE LENGTH:
UP TO 250 METRES**

Option:
Remote Monitoring by
ASTRO System Manager

dimensions (W x H x D) 246,0 x 88,0 x 95,0 mm

weight 800 g

VoIP

WEATHERPROOF

P/N 7564470xH

TAS2000 VOIP PHONE/INTERCOM INFO - 250MT IP LINE RANGE



VoIP weatherproof and vandalproof telephone with handset

- IP66 protection
- Die-cast "copper-free" aluminium alloy case
- Adjustable receiver volume
- Full 12-key keyboard
- Last number redial
- Equipped with 1 direct INFO call key
- 4 function keys and 4 programmable memory keys
- SIP protocol • PoE compatible
- Suitable for remote configuration and remote diagnostics
- Metallic spring protection for telephone cord

dimensions (W x H x D) 230,0 x 270,0 x 140,0 mm

weight 5,9 kg

HANDSET**WALL MOUNTING****IP66****- 40°C to + 70°C****VOIP-LINE LENGTH:
UP TO 250 METRES**Option:
Remote Monitoring by
ASTRO System Manager

P/N 7564432H

TAS2000 VOIP 1M - 250MT



VoIP weatherproof and vandalproof telephone with handset

- IP66 protection • Die-cast "copper-free" aluminium alloy case
- 1 programmable memory key
- SIP protocol • PoE compatible
- Suitable for remote configuration and diagnostics
- Anti-corrosion special treatment
- Metallic spring protection for telephone cord

dimensions (W x H x D) 230,0 x 270,0 x 140,0 mm

weight 5,9 kg

HANDSET**WALL MOUNTING****IP66****- 40°C to + 70°C****VOIP-LINE LENGTH:
UP TO 250 METRES**Option:
Remote Monitoring by
ASTRO System Manager

P/N 7564432HR

TAS2000 VOIP 1M - 250MT + I/O



VoIP weatherproof and vandalproof telephone with handset

- IP66 protection • Die-cast "copper-free" aluminium alloy case
- 1 programmable memory key
- SIP protocol • PoE compatible
- Suitable for remote configuration and diagnostics
- I/O card (4 ON/OFF or voltage command inputs and 2 output relays)
- Metallic spring protection for telephone cord

dimensions (W x H x D) 230,0 x 270,0 x 140,0 mm

weight 5,9 kg

HANDSET**WALL MOUNTING****IP66****- 40°C to + 70°C****VOIP-LINE LENGTH:
UP TO 250 METRES**Option:
Remote Monitoring by
ASTRO System Manager

P/N 75644xxHR

TAS2000 VOIP I/O - 250MT



VoIP weatherproof and vandalproof telephone with handset

- IP66 protection • Die-cast "copper-free" aluminium alloy case
- Automatic call to a pre-recorded number when the handset is released
- SIP protocol • PoE compatible
- Suitable for remote configuration and diagnostics
- Metallic spring protection for telephone cord

dimensions (W x H x D) 230,0 x 270,0 x 140,0 mm

weight 5,9 kg

HANDSET**WALL MOUNTING****IP66****- 40°C to + 70°C****VOIP-LINE LENGTH:
UP TO 250 METRES**Option:
Remote Monitoring by
ASTRO System Manager

VoIP

WEATHERPROOF

P/N 7564462

TAS2000 VOIP HOT-LINE RED - 250MT



Wall mounting telephone for emergency communications

- No keyboard
- SIP protocol • PoE compatible
- VOL+ / VOL- keys for adjusting the receiving volume
- 2 lights (green & red)
- Metallic spring protection for telephone cord
- Red colour

HANDSET**WALL MOUNTING****IP66****- 40°C to + 70°C**

**VOIP-LINE LENGTH:
UP TO 250 METRES**

*Option:
Remote Monitoring by
ASTRO System Manager*

dimensions (W x H x D) 230,0 x 270,0 x 140,0 mm

weight 5,9 kg

P/N D001153

TAS2000 VOIP INFO-SOS



VoIP intercom station, weatherproof & vandalproof telephone with handset.

- IP66 protection
- Die-cast "copper-free" aluminium alloy case
- 2 programmable memory keys
- SIP protocol • PoE compatible
- Suitable for remote configuration and remote diagnostics
- Metallic spring protection for telephone cord

HANDSET**WALL MOUNTING****IP66****- 20°C to + 70°C**

**VOIP-LINE LENGTH:
UP TO 250 METRES**

*Option:
Remote Monitoring by
ASTRO System Manager*

dimensions (W x H x D) 232,0 x 324,0 x 142,5 mm

P/N D001153bis

TAS2000 VOIP 1M SOS



VoIP intercom station, weatherproof & vandalproof telephone with handset.

- IP66 protection
- Die-cast "copper-free" aluminium alloy case
- 1 programmable memory key
- SIP protocol • PoE compatible
- Suitable for remote configuration and remote diagnostics
- Metallic spring protection for telephone cord

HANDSET**WALL MOUNTING****IP66****- 40°C to + 70°C**

**VOIP-LINE LENGTH:
UP TO 250 METRES**

*Option:
Remote Monitoring by
ASTRO System Manager*

dimensions (W x H x D) 232 x 324 x 142,5 mm

P/N D001153ter

TAS2000 VOIP INFO-SOS BLS



VoIP Blue Light Station, weatherproof & vandalproof telephone with handset.

- IP66 protection
- Die-cast "copper-free" aluminium alloy case
- 2 programmable memory keys
- SIP protocol • PoE compatible
- Equipped with 12-40VDC, IP66, blue light lamp
- Suitable for remote configuration and remote diagnostics
- Metallic spring protection for telephone cord

HANDSET**WALL MOUNTING****IP66****- 40°C to + 70°C**

**VOIP-LINE LENGTH:
UP TO 250 METRES**

*Option:
Remote Monitoring by
ASTRO System Manager*

dimensions (W x H x D) 232 x 392 x 142,5 mm

VoIP

WEATHERPROOF

P/N 7564444HR

TAS2000 VOIP 4M - 250MT + I/O



VoIP weatherproof and vandalproof telephone with handset

- IP66 protection
- Die-cast "copper-free" aluminium alloy case
- Adjustable receiver volume
- 4 programmable memory keys
- SIP protocol • PoE compatible
- Suitable for remote configuration and diagnostics
- I/O card (4 ON/OFF or voltage command inputs and 2 output relays)
- Metallic spring protection for telephone cord

dimensions (W x H x D) 230,0 x 270,0 x 140,0 mm

weight 5,9 kg

HANDSET

WALL MOUNTING

IP66

- 40°C to + 70°C

**VOIP-LINE LENGTH:
UP TO 250 METRES**

*Option:
Remote Monitoring by
ASTRO System Manager*

P/N 7564485H

TAS2000 VOIP PHONE/INTERCOM 11K - 6L - MX2 - 250MT



VoIP weatherproof and vandalproof telephone with handset

- IP66 protection
- Die-cast "copper-free" aluminium alloy case
- Both "powerful-duplex" (DSP based) handsfree and handset
- Volume adjusting +/- keys
- 1 general call
- 5 conversation lines
- 3 alarm keys
- 6 lights
- SIP protocol • PoE compatible
- Suitable for remote configuration and diagnostics

dimensions (W x H x D) 230,0 x 270,0 x 140,0 mm

weight 5,9 kg

HANDSET/HANDSFREE

WALL MOUNTING

IP66

- 40°C to + 70°C

**VOIP-LINE LENGTH:
UP TO 250 METRES**

*Option:
Remote Monitoring by
ASTRO System Manager*

P/N D001170

TAS2000 VOIP HOT-LINE



- HOT-LINE System without IP-PBX
- Up to 8 industrial TAS2000 VOIP HOT-LINE phones connected together
- When one phone is unhooked then all the other phones of the system will ring
- External ringers and beacons can be added as an option
- Any unhooked phone causes the system ring to stop and is added to the "CONFERENCE" conversation (Party-Line)
- Metallic spring protection for telephone cord

dimensions (W x H x D) 230,0 x 270,0 x 140,0 mm

weight 5,9 kg

HANDSET

WALL MOUNTING

IP66

- 40°C to + 70°C

**VOIP-LINE LENGTH:
UP TO 250 METRES**

*Option:
Remote Monitoring by
ASTRO System Manager*

P/N D001166

CRUISE SHIP PAGA ACCESS PANEL



Cruise ship VoIP PAGA ACCESS PANEL 8 keys

HANDSFREE

WALL MOUNTING

IP66

0°C to + 70°C

*Option:
Remote Monitoring by
ASTRO System Manager*

VoIP

WEATHERPROOF

P/N 71331xf

TASVOICE 80x CUSTOMIZED ON-BOARD PHONE UNIT



Driver telephone for Metro & Railways

SOS / VoIP Emergency Call Point for Railway applications

Family of Products expressly manufactured according to Customer specifications.

HANDSET**FLUSH MOUNTING****IP65****- 40°C to + 70°C**

Option:
 Remote Monitoring by
 ASTRO System Manager

P/N 71331yf

TASVOICE 80x CUSTOMIZED ON-BOARD PHONE UNIT COMPLIANT 50155



Driver telephone for Metro & Railways

SOS / VoIP Emergency Call Point for Railway applications

Family of Products expressly manufactured according to Customer specifications.

HANDSET**FLUSH MOUNTING****IP65****- 40°C to + 70°C**

Option:
 Remote Monitoring by
 ASTRO System Manager

VoIP

WEATHERPROOF

P/N 7133143H

TAS360 VOIP 1M-250MT



VoIP weatherproof and vandalproof "powerful - duplex" handsfree (DSP based) telephone.

- IP66 protection
- Die-cast "copper free" aluminium alloy case
- 1 memory key
- SIP protocol • PoE compatible

HANDSFREE**WALL MOUNTING****IP66****- 40°C to + 70°C**

**VOIP-LINE LENGTH:
UP TO 250 METRES**

*Option:
Remote Monitoring by
ASTRO System Manager*

dimensions (W x H x D) 120,0 x 360,0 x 100,0 mm

weight 3,3 kg

P/N 7133143HX

TAS360 VOIP 1M-250MT+AUX



VoIP weatherproof and vandalproof "powerful - duplex" handsfree (DSP based) telephone.

- IP66 protection
- Die-cast "copper free" aluminium alloy case
- 1 memory key
- SIP protocol • PoE compatible
- Analog audio output card for optional external amplified loudspeakers and voltage free output contact

HANDSFREE**WALL MOUNTING****IP66****- 40°C to + 70°C**

**VOIP-LINE LENGTH:
UP TO 250 METRES**

*Option:
Remote Monitoring by
ASTRO System Manager*

dimensions (W x H x D) 120,0 x 360,0 x 100,0 mm

weight 3,3 kg

P/N 7133143HR

TAS360 VOIP 1M-250MT+I/O



VoIP weatherproof and vandalproof "powerful - duplex" handsfree (DSP based) telephone.

- IP66 protection
- Die-cast "copper free" aluminium alloy case
- 1 memory key
- SIP protocol • PoE compatible
- I/O card (4 ON/OFF or voltage command inputs and 2 output relays)

HANDSFREE**WALL MOUNTING****IP66****- 40°C to + 70°C**

**VOIP-LINE LENGTH:
UP TO 250 METRES**

*Option:
Remote Monitoring by
ASTRO System Manager*

dimensions (W x H x D) 120,0 x 360,0 x 100,0 mm

weight 3,3 kg

P/N 7133161H

TAS360 VOIP 1M/SOS-250MT



VoIP weatherproof and vandalproof "powerful - duplex" handsfree (DSP based) telephone.

- IP66 protection
- Die-cast "copper-free" aluminium alloy case
- 1 SOS programmable call memory key
- SIP protocol
- PoE compatible

HANDSFREE**WALL MOUNTING****IP66****- 40°C to + 70°C**

**VOIP-LINE LENGTH:
UP TO 180 METRES**

*Option:
Remote Monitoring by
ASTRO System Manager*

dimensions (W x H x D) 120,0 x 360,0 x 100,0 mm

weight 4,0 kg

VoIP

WEATHERPROOF

P/N J7132882

LEVER CALL MODULE



Weatherproof lever call module with optical visualization suitable for:

- TAS360 VOX analog ACB weatherproof telephone set (P/N 7132690)
- TTS23-2T weatherproof emergency telephone set for Fire Brigade emergency intercom system (P/N 7111502)

dimensions (W x H x D) 63,0 x 63,0 x 60,0 mm

weight 220 g

P/N 75644xx

TAS360 VOIP L-1M WP V/V + I/O

VoIP weatherproof telephone set fitted with lever call module (P/N J7132882) and I/O card (P/N 7133676)

- Full duplex handsfree
- Die-cast "copper free" aluminium alloy case

dimensions (W x H x D) 120,0 x 360,0 x 100,0 mm

HANDSFREE**WALL MOUNTING****IP66****- 40°C to + 70°C****VOIP-LINE LENGTH:
UP TO 250 METRES**

Option:
Remote Monitoring by
ASTRO System Manager

P/N 7564492H

TAS360 VOIP 7K-2L-MX1-250MT



Weatherproof handsfree intercom station

- IP66 protection
- Die-cast "copper-free" aluminium alloy case
- SIP protocol • PoE compatible
- 1 general call • 1 conversation line
- 3 alarm keys • 2 lights
- +/- keys for volume adjusting

dimensions (W x H x D) 120,0 x 360,0 x 100,0 mm

weight 4,1 kg

HANDSFREE**WALL MOUNTING****IP66****- 40°C to + 70°C****VOIP-LINE LENGTH:
UP TO 250 METRES**

Option:
Remote Monitoring by
ASTRO System Manager

P/N 7132xxw

TAS360 VOIP-BLS



VoIP weatherproof and vandalproof "powerful - duplex" handsfree (DSP based) telephone.

- IP66 protection
- Die-cast "copper free" aluminium alloy case
- 1 LED showing the status "STATION IS AVAILABLE FOR CALLING"
- 1 LED showing the status "CALL IN PROGRESS"
- 1 "EMERGENCY CALL" push button
- 1 blue light flashing lamp
- SIP protocol • PoE compatible

dimensions (W x H x D) 142,5 x 560,0 x 135,0 mm

HANDSFREE**WALL MOUNTING****IP66****- 40°C to + 70°C****VOIP-LINE LENGTH:
UP TO 250 METRES**

Option:
Remote Monitoring by
ASTRO System Manager

VoIP

WEATHERPROOF

P/N 7132xxz

TAS360 VOIP 1M/ST+I/O+MUSHROOM BOX FOR DLT - TCR+BLUE LIGHT



VoIP weatherproof and vandalproof "powerful - duplex" handsfree (DSP based) telephone.

- Die-cast "copper free" aluminium alloy case • IP66 protection
- 1 LED showing the status "STATION IS AVAILABLE FOR CALLING"
- 1 LED showing the status "CALL IN PROGRESS"
- 1 "EMERGENCY CALL" push button
- 1 blue light flashing lamp
- SIP protocol • PoE compatible
- I/O card (4 ON/OFF or voltage command inputs and 2 output relays)
- Mushroom box for DLT - TCR

dimensions (W x H x D) 142,5 x 560,0 x 135,0 mm

HANDSFREE**WALL MOUNTING****IP66****- 40°C to + 70°C**

**VOIP-LINE LENGTH:
UP TO 250 METRES**

*Option:
Remote Monitoring by
ASTRO System Manager*

P/N 7133165H

TAS360 VOIP 8K-6L-250MT



VoIP weatherproof and vandalproof "powerful - duplex" handsfree (DSP based) telephone.

- IP66 protection
- Die-cast "copper free" aluminium alloy case
- 4 programmable memory keys and 4 function keys + 6 lights
- SIP protocol
- PoE compatible

dimensions (W x H x D) 120,0 x 360,0 x 100,0 mm

weight 3,3 kg

HANDSFREE**WALL MOUNTING****IP66****- 40°C to + 70°C**

**VOIP-LINE LENGTH:
UP TO 250 METRES**

*Option:
Remote Monitoring by
ASTRO System Manager*

P/N 7133165HX

TAS360 VOIP 8K-6L-250MT+AUX



VoIP weatherproof and vandalproof "powerful - duplex" handsfree (DSP based) telephone.

- IP66 protection
- Die-cast "copper free" aluminium alloy case
- 4 programmable memory keys and 4 function keys + 6 lights
- SIP protocol
- PoE compatible
- Analog audio output card for optional external amplified loudspeakers and voltage free output contact

dimensions (W x H x D) 120,0 x 360,0 x 100,0 mm

weight 3,3 kg

HANDSFREE**WALL MOUNTING****IP66****- 40°C to + 70°C**

**VOIP-LINE LENGTH:
UP TO 250 METRES**

*Option:
Remote Monitoring by
ASTRO System Manager*

P/N 7133165HR

TAS360 VOIP 8K-6L-250MT+I/O



VoIP weatherproof and vandalproof "powerful - duplex" handsfree (DSP based) telephone.

- IP66 protection
- Die-cast "copper free" aluminium alloy case
- 4 programmable memory keys and 4 function keys + 6 lights
- SIP protocol
- PoE compatible
- I/O card (4 ON/OFF or voltage command inputs and 2 output relays)

dimensions (W x H x D) 120,0 x 360,0 x 100,0 mm

weight 3,3 kg

HANDSFREE**WALL MOUNTING****IP66****- 40°C to + 70°C**

**VOIP-LINE LENGTH:
UP TO 250 METRES**

*Option:
Remote Monitoring by
ASTRO System Manager*

VoIP

WEATHERPROOF

P/N 7132701H

TASVOIP GRP 1M/SOS-250MT



Digital VoIP telephone for wall mount installation

- Weatherproof IP65 GRP housing
- Handsfree conversation
- Large mushroom head direct SOS call key
- RJ45 Ethernet interface with PoE and/or local power supply (22 to 56VDC)
- SIP protocol

OPTION: analog audio output for handling the optional external amplified loudspeaker.

dimensions (W x H x D) 120,0 x 380,0 x 170,0 mm

weight 2,4 kg

HANDSFREE**WALL MOUNTING****IP65****- 40°C to + 70°C****VOIP-LINE LENGTH:
UP TO 250 METRES**Option:
Remote Monitoring by
ASTRO System Manager

P/N 7132720

TASVOIP INFO-SOS/GRP/IL



Digital VoIP telephone for wall mount installation

- Weatherproof IP65 GRP housing
- INFO & SOS direct call keys • Handsfree conversation
- RJ45 Ethernet interface with PoE and/or local power supply (22 to 56VDC)
- SIP protocol
- Equipped with the additional "Inductor Loop" device in order to support the communication with hearing-impaired people

OPTION: analog audio output for handling the optional external amplified loudspeaker.

dimensions (W x H x D) 120,0 x 380,0 x 160,0 mm

weight 2,4 kg

HANDSFREE**WALL MOUNTING****IP65****- 40°C to + 70°C**Option:
Remote Monitoring by
ASTRO System Manager

VoIP

WEATHERPROOF

P/N 7133301HS

TASVOIP 901 INOX-250MT



Digital telephone

- Flush mounting
- Weatherproof 2mm thick INOX steel plate IP65 protection
- Handsfree real full-duplex conversation with echo cancellation
- RJ45 Ethernet interface with PoE and/or local power supply (22 to 57VDC)
- SIP protocol
- 1 programmable call key

dimensions (W x H x D) 100,0 x 252,0 x 64,0 mm

weight 930 g

HANDSFREE**FLUSH MOUNTING****IP65****- 40°C to + 70°C****VOIP-LINE LENGTH:
UP TO 250 METRES**Option:
Remote Monitoring by
ASTRO System Manager

P/N 7133305

TASVOIP 901/1R-250MT INOX V1.3s



Digital telephone

- Flush mounting
- Weatherproof 2mm thick INOX steel plate
- Handsfree real full-duplex conversation with echo cancellation
- RJ45 Ethernet interface with PoE and/or local power supply (22 to 57VDC)
- SIP protocol
- 1 programmable call key
- 1 output relay

dimensions (W x H x D) 100,0 x 252,0 x 62,0 mm

weight 930 g

HANDSFREE**FLUSH MOUNTING****IP65****- 25°C to + 70°C****VOIP-LINE LENGTH:
UP TO 250 METRES**Option:
Remote Monitoring by
ASTRO System Manager

P/N 7133301AH

TASVOIP 901-250MT



Digital telephone

- Flush mounting
- Weatherproof 4mm thick aluminium alloy plate IP65 protection
- Handsfree real full-duplex conversation with echo cancellation
- RJ45 Ethernet interface with PoE and/or local power supply (22 to 57VDC)
- SIP protocol
- 1 programmable call key
- RAL2000

dimensions (W x H x D) 100,0 x 252,0 x 64,0 mm

weight 930 g

HANDSFREE**FLUSH MOUNTING****IP65****- 40°C to + 70°C****VOIP-LINE LENGTH:
UP TO 250 METRES**Option:
Remote Monitoring by
ASTRO System Manager

P/N 7133311HS

TASVOIP 901/SOS-250MT



Digital telephone

- Flush mounting
- Weatherproof 2mm thick stainless steel plate IP65 protection
- Handsfree real full-duplex conversation with echo cancellation
- RJ45 Ethernet interface with PoE and/or local power supply (22 to 57VDC)
- SIP protocol
- 1 SOS programmable call key

dimensions (W x H x D) 100,0 x 252,0 x 62,0 mm

weight 930 g

HANDSFREE**FLUSH MOUNTING****IP65****- 40°C to + 70°C****VOIP-LINE LENGTH:
UP TO 250 METRES**Option:
Remote Monitoring by
ASTRO System Manager

VoIP

WEATHERPROOF

P/N 7133312HS

TASVOIP 902S/INFO-SOS-250MT



Digital telephone

- Flush mounting
- Weatherproof 2mm thick stainless steel plate IP65 protection
- Handsfree real full-duplex conversation with echo cancellation
- RJ45 Ethernet interface with PoE and/or local power supply (22 to 57VDC)
- SIP protocol
- 2 INFO-SOS programmable call keys

dimensions (W x H x D) 100,0 x 252,0 x 62,0 mm

weight 930 g

HANDSFREE**FLUSH MOUNTING****IP65****- 40°C to + 70°C****VOIP-LINE LENGTH:
UP TO 250 METRES**Option:
Remote Monitoring by
ASTRO System Manager

P/N 7133312HRS

TASVOIP 902/INFO-SOS-250MT+I/O



Digital telephone

- Flush mounting
- Weatherproof 2mm thick stainless steel plate IP65 protection
- Handsfree real full-duplex conversation with echo cancellation
- RJ45 Ethernet interface with PoE and/or local power supply (22 to 57VDC)
- SIP protocol
- 2 INFO-SOS programmable call keys
- I/O card (4 ON/OFF or voltage command inputs and 2 output relays)

dimensions (W x H x D) 100,0 x 252,0 x 62,0 mm

weight 930 g

HANDSFREE**FLUSH MOUNTING****IP65****- 40°C to + 70°C****VOIP-LINE LENGTH:
UP TO 250 METRES**Option:
Remote Monitoring by
ASTRO System Manager

P/N 7133342HS

TASVOIP 902/SOS-250MT



Digital telephone

- Flush mounting
- Weatherproof 2mm thick stainless steel plate IP65 protection
- Handsfree real full-duplex conversation with echo cancellation
- RJ45 Ethernet interface with PoE and/or local power supply (22 to 57VDC)
- SIP protocol
- 2 SOS programmable call keys

dimensions (W x H x D) 100,0 x 252,0 x 60,5 mm

weight 930 g

HANDSFREE**FLUSH MOUNTING****IP65****- 40°C to + 70°C****VOIP-LINE LENGTH:
UP TO 250 METRES**Option:
Remote Monitoring by
ASTRO System Manager

P/N 7133352HRS

TASVOIP 902S/INFO-SOS + I/O 250MT



Digital telephone

- Flush mounting
- Weatherproof 2mm thick Inox frontal plate IP65 protection, painted in red colour (RAL3000)
- Handsfree real full-duplex conversation with echo cancellation
- RJ45 Ethernet interface with PoE and/or local power supply (22 to 57VDC)
- SIP protocol - 2 INFO-SOS programmable call keys
- I/O card (4 ON/OFF or voltage command inputs and 2 output relays)

dimensions (W x H x D) 100,0 x 252,0 x 64,0 mm

weight 930 g

HANDSFREE**FLUSH MOUNTING****IP65****- 40°C to + 70°C****VOIP-LINE LENGTH:
UP TO 250 METRES**Option:
Remote Monitoring by
ASTRO System Manager

VoIP

WEATHERPROOF

P/N 7133304HS

TASVOIP 904 INOX-250MT



Digital telephone

- Flush mounting
- Weatherproof 2mm thick Inox frontal plate
- IP65 protection
- Handsfree real full-duplex conversation with echo cancellation
- RJ45 Ethernet interface with PoE and/or local power supply (22 to 57VDC)
- SIP protocol
- 4 programmable call keys

dimensions (W x H x D) 100,0 x 252,0 x 60,5 mm

weight 930 g

HANDSFREE**FLUSH MOUNTING****IP65****- 40°C to + 70°C****VOIP-LINE LENGTH:
UP TO 250 METRES**Option:
Remote Monitoring by
ASTRO System Manager

P/N 7133308HS

TASVOIP 908 INOX-250MT



Digital telephone

- Flush mounting
- Weatherproof 2mm thick Inox frontal plate
- IP65 protection
- Handsfree real full-duplex conversation with echo cancellation
- RJ45 Ethernet interface with PoE and/or local power supply (22 to 57VDC)
- SIP protocol
- 8 programmable call keys

dimensions (W x H x D) 100,0 x 252,0 x 64,0 mm

weight 930 g

HANDSFREE**FLUSH MOUNTING****IP65****- 40°C to + 70°C****VOIP-LINE LENGTH:
UP TO 250 METRES**Option:
Remote Monitoring by
ASTRO System Manager

P/N 7133004

PROTRUDING CASE

Accessory for 900 series telephones



Natural anodized aluminium case for protruding wall mounting

dimensions (W x H x D) 105,0 x 258,0 x 70,0 mm

weight 455 g

P/N 7133005

PROTRUDING CANOPY

Accessory for 900 series telephones



Protruding aluminium roof

- To be added to the flush mounting telephone plate

dimensions (W x H x D) 105,0 x 258,0 x 30,0 mm

VoIP

WEATHERPROOF

P/N 7133006

PROTRUDING CASE

Accessory for 900 series telephones



- Anodized aluminium case for protruding wall mounting
- Built-in roof for a higher protection from bad weather

dimensions (W x H x D) 105,0 x 258,0 x 100,0 mm

weight 535 g

P/N 7133800

DESK CASE

Accessory for 900 series telephones



- Desk case
- Natural anodized aluminium; black base
 - Equipped with screws for mounting telephones of the 900 series

dimensions (W x H x D) 105,0 x 265,0 x 160,0 mm

weight 350 g

P/N 7133361H

TASVOIP 951/SOS-250MT



- Digital VoIP telephone (standard SIP) for flush mount installation
- Built on weatherproof IP66 aluminium plate and IP66 rear protection
 - Handsfree conversation
 - Vandal-proof
 - Equipped with 1 direct SOS call key
 - RJ45 Ethernet interface with PoE and/or local power supply (22 to 56VDC)

dimensions W x H x D) 195,0 x 330,0 x 81,0 mm

weight 1,97 kg

HANDSFREE**FLUSH MOUNTING****IP66****- 40°C to + 70°C****VOIP-LINE LENGTH:
UP TO 250 METRES**Option:
Remote Monitoring by
ASTRO System Manager

P/N 7133361HR

TASVOIP 951/SOS-250MT+I/O



- Digital VoIP telephone (standard SIP) for flush mount installation
- Built on weatherproof IP66 aluminium plate and IP66 rear protection
 - Handsfree conversation
 - Vandal-proof
 - Equipped with 1 direct SOS call key
 - RJ45 Ethernet interface with PoE and/or local power supply (22 to 56VDC)
 - I/O card (4 ON/OFF or voltage command inputs and 2 output relays)

dimensions (W x H x D) 195,0 x 330,0 x 81,0 mm

weight 1,97 kg

HANDSFREE**FLUSH MOUNTING****IP66****- 40°C to + 70°C****VOIP-LINE LENGTH:
UP TO 250 METRES**Option:
Remote Monitoring by
ASTRO System Manager

VoIP

WEATHERPROOF

P/N 7133362HS

TASVOIP 952S/INFO-SOS-250MT



Digital VoIP telephone (standard SIP) for flush mount installation

- Built on weatherproof IP66 stainless steel plate and IP66 rear protection
- Handsfree conversation
- Vandal-proof
- Equipped with 1 direct SOS call key and 1 direct INFO call key
- RJ45 Ethernet interface with PoE and/or local power supply (22 to 56VDC)

dimensions (W x H x D) 195,0 x 330,0 x 81,0 mm

weight 1,97 kg

HANDSFREE

FLUSH MOUNTING

IP66

- 40°C to + 70°C

**VOIP-LINE LENGTH:
UP TO 250 METRES**

*Option:
Remote Monitoring by
ASTRO System Manager*

P/N 7133362HRS

TASVOIP 952/INFO-SOS + I/O 250MT



Digital VoIP telephone (SIP standard) for flush mount installation

- Built on AISI304 stainless steel weatherproof IP66 plate and IP66 rear protection
- Handsfree conversation
- Vandal-proof
- Equipped with 1 direct SOS call key and 1 direct INFO call key
- RJ45 Ethernet interface with PoE and/or local power supply (22 to 56VDC)
- Suitable for remote configuration and remote diagnostics
- I/O card (4 ON/OFF or voltage command inputs and 2 output relays)

dimensions (W x H x D) 195,0 x 330,0 x 81,0 mm

weight 1,97 kg

HANDSFREE

FLUSH MOUNTING

IP66

- 40°C to + 70°C

**VOIP-LINE LENGTH:
UP TO 250 METRES**

*Option:
Remote Monitoring by
ASTRO System Manager*

P/N 7133372HS

TASVOIP 952/INFO-SOS/IL 250MT



- VoIP telephone (SIP standard) for flush mounting installation built on stainless steel AISI304 weatherproof IP66 plate
- Protection IK07 against external mechanical impacts (EN62262)
- Handsfree conversation
- Vandal-proof equipped with 2 direct call keys (INFO-SOS)
- RJ45 Ethernet interface with PoE and/or local power supply (22 to 56VDC)
- SIP protocol • PoE compatible
- Suitable for remote configuration and remote diagnostics
- Including "Inductor Loop" device for helping communication with hearing-impaired people

dimensions (W x H x D) 195,0 x 330,0 x 78,0 mm

weight 1,35 kg

HANDSFREE

FLUSH MOUNTING

IP66

- 40°C to + 70°C

**VOIP-LINE LENGTH:
UP TO 250 METRES**

*Remote Monitoring by
ASTRO System Manager*

P/N 7133900

WALL CASE FOR TASVOX & TASVOIP 95X SERIES PHONES

Wall case for TASVOX & TASVOIP 95X series telephone sets

FLUSH MOUNTING

dimensions (W x H x D) 280,0 x 400,0 x 88,0 mm

VoIP

WEATHERPROOF

P/N 7133323H

TASVOIP 961-FLUSH/SOS 250MT



- Digital VoIP telephone (standard SIP) for flush mount installation built on stainless steel AISI304 weatherproof IP66 plate
- Protection against external mechanical impacts IK07 (EN62262)
- Handsfree conversation
- Vandal-proof equipped with one direct call key (EMERGENCY)
- RJ45 Ethernet interface with PoE and/or local power supply (22 to 56VDC)
- SIP protocol • PoE compatible
- Suitable for remote configuration and remote diagnostics

dimensions (W x H x D) 155,0 x 275,0 x 75,0 mm

weight 1,35 kg

HANDSFREE

FLUSH MOUNTING

IP66

- 40°C to + 70°C

**VOIP-LINE LENGTH:
UP TO 250 METRES**

*Option:
Remote Monitoring by
ASTRO System Manager*

P/N 7133323HR

TASVOIP 961-FLUSH/SOS+I/O-250MT



- Digital VoIP telephone (SIP standard) for flush mount installation built on stainless steel AISI304 weatherproof IP66 plate
- Protection against external mechanical impacts IK07 (EN62262)
- Handsfree conversation
- Vandal-proof equipped with 1 direct call key (EMERGENCY)
- RJ45 Ethernet interface with PoE and/or local power supply (22 to 56VDC)
- SIP protocol • PoE compatible
- Suitable for remote configuration and remote diagnostics
- I/O card (4 ON/OFF or voltage command inputs and 2 output relays)

dimensions (W x H x D) 155,0 x 275,0 x 75,0 mm

weight 1,35 kg

HANDSFREE

FLUSH MOUNTING

IP66

- 40°C to + 70°C

**VOIP-LINE LENGTH:
UP TO 250 METRES**

*Option:
Remote Monitoring by
ASTRO System Manager*

P/N 7133325H

TASVOIP-962/INFO-SOS



- Digital VoIP telephone (standard SIP) for flush mount installation built on stainless steel AISI304 weatherproof IP66 plate
- Protection against external mechanical impacts IK07 (EN62262)
- Handsfree conversation
- Vandal-proof equipped with 2 direct call keys (INFO-SOS)
- RJ45 Ethernet interface with PoE and/or local power supply (22 to 56VDC)
- SIP protocol • PoE compatible
- Suitable for remote configuration and remote diagnostics

dimensions (W x H x D) 155,0 x 275,0 x 75,0 mm

weight 1,35 kg

HANDSFREE

FLUSH MOUNTING

IP66

- 40°C to + 70°C

**VOIP-LINE LENGTH:
UP TO 250 METRES**

*Option:
Remote Monitoring by
ASTRO System Manager*

P/N 7133325HR

TASVOIP 962/INFO-SOS-250MT+I/O



- Digital VoIP telephone (standard SIP) for flush mount installation built on stainless steel AISI304 weatherproof IP66 plate
- Protection against external mechanical impacts IK07 (EN62262)
- Handsfree conversation
- Vandal-proof equipped with 2 direct call keys INFO-SOS)
- RJ45 Ethernet interface with PoE and/or local power supply (22 to 56VDC)
- SIP protocol • PoE compatible
- Suitable for remote configuration and remote diagnostics
- I/O card (4 ON/OFF or voltage command inputs and 2 output relays) and inductor loop

dimensions (W x H x D) 155,0 x 275,0 x 75,0 mm

weight 1,35 kg

HANDSFREE

FLUSH MOUNTING

IP66

- 40°C to + 70°C

**VOIP-LINE LENGTH:
UP TO 250 METRES**

*Option:
Remote Monitoring by
ASTRO System Manager*

P/N 7133984

WALL BOX

Accessory for 961 and 962 series telephones



Stainless steel case for wall mounting of 961 and 962 telephone sets series, as an alternative to standard flush mounting.

WALL MOUNTING

dimensions (W x H x D) 182,0 x 360,0 x 80,5 mm

weight 2,68 kg

P/N 713324H

TASVOIP 961-WALL/SOS 250MT



- Digital VoIP telephone (standard SIP) for wall mount installation built on stainless steel AISI304 weatherproof IP66 plate
- Protection against external mechanical impacts IK07 (EN62262)
- Handsfree conversation
- Vandal-proof equipped with one direct call key (EMERGENCY)
- RJ45 Ethernet interface with PoE and/or local power supply (22 to 56VDC)
- SIP protocol • PoE compatible
- Suitable for remote configuration and remote diagnostics

HANDSFREE

WALL MOUNTING

IP66

- 40°C to + 70°C

VOIP-LINE LENGTH:
UP TO 250 METRES

Option:
Remote Monitoring by
ASTRO System Manager

dimensions (W x H x D) 182,0 x 360,0 x 84,0 mm

weight 4,0 kg

P/N 71333xh

TASVOIP 952H-250MT INFO/SOS CALL POINT



- Digital VoIP telephone (standard SIP) for flush mount installation built on weatherproof IP65 vandal-proof stainless steel plate
- Handsfree conversation
- Large head direct call keys
- Available with 1 or 2 direct call keys
- RJ45 Ethernet interface with PoE and/or local power supply (22 to 56VDC)
- Integrated mechanical support for fixing the CCTV camera (not included) equipped with vandal-proof glass
- SIP protocol • PoE compatible

HANDSFREE

FLUSH MOUNTING

IP65

- 25°C to + 70°C

VOIP-LINE LENGTH:
UP TO 250 METRES

Option:
Remote Monitoring by
ASTRO System Manager

dimensions (W x H x D) 200,0 x 430,0 x 74,3 mm

weight 1,75 kg

P/N 7133990

WALL BOX

Accessory for 952 series telephones



Wall box for TASVOIP 952H-250MT INFO/SOS CALL POINT (P/N 71333xh).

WALL MOUNTING

dimensions (W x H x D) 170,0 x 403,0 x 90,0 mm

weight 1,7 kg

VoIP

WEATHERPROOF

P/N 7133320H

TASVOIP 1004/ST-250MT



VoIP industrial weatherproof and vandalproof telephone set for flush mounting installation.

- Built on steel AISI304, IP66 plate
- Based on standard SIP protocol
- Handsfree real full-duplex operation
- No keys, but able to be connected to 4 programmable external keys
- Special version for SOS boxes for road tunnels

Optional rear cover available on request (P/N 7133991)

dimensions (W x H x D) 180,0 x 260,0 x 57,0 mm

weight 1,45 kg

HANDSFREE

FLUSH MOUNTING

IP66

- 40°C to + 70°C

**VOIP-LINE LENGTH:
UP TO 250 METRES**

*Option:
Remote Monitoring by
ASTRO System Manager*

P/N 7133320HR

TASVOIP 1004/ST I/O-250MT



VoIP industrial weatherproof and vandalproof telephone set for flush mounting installation.

- Built on steel AISI304, IP66 plate
- Based on standard SIP protocol
- Handsfree real full-duplex operation
- No keys, but able to be connected to 4 programmable external keys
- Special version for SOS boxes for road tunnels
- I/O card (4 ON/OFF or voltage command inputs and 2 output relays)

Optional rear cover available on request (P/N 7133991)

dimensions (W x H x D) 180,0 x 260,0 x 57,0 mm

weight 1,45 kg

HANDSFREE

FLUSH MOUNTING

IP66

- 40°C to + 70°C

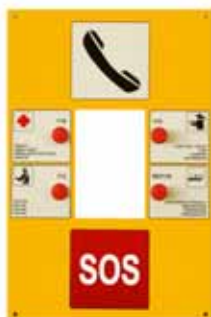
**VOIP-LINE LENGTH:
UP TO 250 METRES**

*Option:
Remote Monitoring by
ASTRO System Manager*

P/N 7133028

PLATE

Accessory for 1000 series telephones



Aluminium face plate 3mm thickness

- Painted yellow RAL1023
- Equipped with 4 mushroom push buttons and screen printed symbols "Ambulance", "Fire", "Police", "Breakdown"
- For installation of a telephone type TASVOX or TASVOIP 1004 series in a SOS tunnel cabinet

dimensions (W x H x D) 496,0 x 748,0 x 3,0 mm

P/N 7133375

TASVOIP 951L/SOS/HRX INOX 250MT



VoIP telephone for flush mounting installation built on weatherproof IP65 2mm INOX steel plate with protruding canopy.

Designed to meet the application needs required by industrial and public address communication environments, in particular for all those applications where, in case of emergency, it is necessary to call emergency stations by selecting, through the simple pressing of a single button, one or more previously stored numbers. Size and installation details are compatible with Swiss highways and tunnels.

- Vandal-proof execution, equipped with 1 direct SOS call key
- I/O card (4 ON/OFF or voltage command inputs and 2 output relays)

dimensions (W x H x D) 70,0 x 365,0 x 140,0 mm

weight 2,1 kg

HANDSFREE

FLUSH MOUNTING

IP65

- 40°C to + 70°C

**VOIP-LINE LENGTH:
UP TO 250 METRES**

*Option:
Remote Monitoring by
ASTRO System Manager*

P/N 7136000

I/O CARD FOR TASVOIP

Accessory for 2000 series telephones



I/O card for TASVOIP telephone set series allowing to control 2 relay outputs as well as 4 optical isolated inputs. There are 3 poles on each relay thus providing also the normally closed output.

- INPUT
 - Polarized inlet activation: 5÷50VDC
- OUTPUT
 - Voltage: max. 250VAC
 - Current: max. 2A
 - Power: 62,5VA (30W)

dimensions (W x H) 77,0 x 80,0 mm

P/N 7133139

SPEAKER INTERFACE CARD FOR TASVOIP SERIES

Accessory for 360 and 2000 series telephones



Speaker interface card for TAS360 VoIP and TAS2000 VoIP telephone set series allowing to connect an external amplified loudspeaker

- Equipped with 1 output relay which can be set either as a "voltage free contact" or as a "voltage contact" (24÷48VDC)

CARD CONNECTIONS:

- +VAL / -VAL: 24÷48VDC power supply
- Shield: ground connection
- BF+ / BF-: 0dB audio signal
- V+ / V-: output relay pins for connecting a beacon when the "voltage contact" mode is set through the jumper

dimensions (W x H x D) 80,0 x 30,0 x 40,0 mm

weight 45 g

P/N 71331xi

E-TEL FLUSH MOUNT EMERGENCY CALL POINT



EMERGENCY CALL POINT VoIP TELEPHONE (SIP standard) with direct call button and call status visual indication

- Vandal-proof, brushed stainless steel made
- NEMA 4X protection grade enclosure
- IK07 protection degree against external mechanical impacts (EN 62262) • SIP protocol • PoE compatible
- 4 tamper-proof screws for front plate
- Full-duplex handsfree conversation
- Auto-answering and silent monitoring features for environmental monitoring and control
- Suitable for remote configuration and remote diagnostics

dimensions (W x H x D) 120,0 x 180,0 x 65,0 mm

HANDSFREE

FLUSH MOUNTING

IP65

- 25°C to + 70°C

**VOIP-LINE LENGTH:
UP TO 250 METRES**

*Option:
Remote Monitoring by
ASTRO System Manager*

P/N 71331xl

E-TEL/BOX WALL MOUNT EMERGENCY CALL POINT



EMERGENCY CALL POINT VoIP TELEPHONE (SIP standard) with direct call button and call status visual indication

- Vandal-proof, brushed stainless steel made
- NEMA 4X protection grade enclosure
- IK07 protection degree against external mechanical impacts (EN 62262) • SIP protocol • PoE compatible
- Full-duplex handsfree conversation
- Auto-answering and silent monitoring features for environmental monitoring and control
- Outputs: 2 relays, max. 1A or 250VAC, max. power 60VA/30WDC
- Inputs: 3 voltage free contacts

dimensions (W x H x D) 120,0 x 180,0 x 77,0 mm

weight 2,3 kg

HANDSFREE

WALL MOUNTING

IP65

- 25°C to + 70°C

**VOIP-LINE LENGTH:
UP TO 250 METRES**

*Option:
Remote Monitoring by
ASTRO System Manager*

VoIP

WEATHERPROOF

P/N 71331xm

P-TEL FLUSH MOUNT ASSISTANCE PHONE



PASSENGER INFORMATION VoIP TELEPHONE (SIP standard) with direct call button and call status visual indication

- Vandal-proof, brushed stainless steel made
- NEMA 4X protection grade enclosure
- IK07 protection degree against external mechanical impacts (EN 62262) • SIP protocol • PoE compatible
- Full-duplex handsfree conversation
- Auto-Answering and silent monitoring features for environmental monitoring and control
- Outputs: 2 relays, max. 1A or 250VAC, max. power 60VA/30W
- Inputs: 3 voltage free contacts

dimensions (W x H x D) 120,0 x 180,0 x 65,0 mm

HANDSFREE**FLUSH MOUNTING****IP65****- 25°C to + 70°C****VOIP-LINE LENGTH:
UP TO 250 METRES**

Option:
Remote Monitoring by
ASTRO System Manager

P/N 71331xn

P-TEL/BOX WALL MOUNT ASSISTANCE PHONE



PASSENGER INFORMATION VoIP TELEPHONE (SIP standard) with direct call button and call status visual indication

- Vandal-proof, brushed stainless steel made
- NEMA 4X protection grade enclosure
- IK07 protection degree against external mechanical impacts (EN 62262) • SIP protocol • PoE compatible
- Full-duplex handsfree conversation
- Auto-Answering and silent monitoring features for environmental monitoring and control
- Outputs: 2 relays, max. 1A or 250VAC, max. power 60VA/30W
- Inputs: 3 voltage free contacts

dimensions (W x H x D) 120,0 x 180,0 x 77,0 mm

weight 2,3 kg

HANDSFREE**WALL MOUNTING****IP65****- 25°C to + 70°C****VOIP-LINE LENGTH:
UP TO 250 METRES**

Option:
Remote Monitoring by
ASTRO System Manager

VoIP

WEATHERPROOF

P/N 7564461H

SANIVOIP 901S-250MT



Flush mounting VoIP telephone for clean rooms

- IP66 weatherproof front surface without holes and fully washable by common detergents or bactericidals
- 1 memory key
- 34mm slim thickness depth only

* Product manufactured upon request. MOQ 25 pcs *

dimensions (W x H x D) 125,0 x 280,0 x 34,0 mm

weight 900 g

HANDSFREE**FLUSH MOUNTING****IP66****- 40°C to + 70°C****VOIP-LINE LENGTH:
UP TO 250 METRES**Option:
Remote Monitoring by
ASTRO System Manager

P/N 7564464H

SANIVOIP 904S-250MT



Flush mounting VoIP telephone for clean rooms

- IP66 weatherproof front surface without holes and fully washable by common detergents or bactericidals
- 4 memory keys
- 34mm slim thickness depth only

* Product manufactured upon request. MOQ 25 pcs *

dimensions (W x H x D) 125,0 x 280,0 x 34,0 mm

weight 900 g

HANDSFREE**FLUSH MOUNTING****IP66****- 40°C to + 70°C****VOIP-LINE LENGTH:
UP TO 250 METRES**Option:
Remote Monitoring by
ASTRO System Manager

P/N 7564468

SANIVOIP 908S



Flush mounting VoIP telephone for clean rooms

- IP66 weatherproof front surface without holes and fully washable by common detergents or bactericidals
- 8 memory keys
- 34mm slim thickness depth only

* Product usually available ex-stock *

dimensions (W x H x D) 125,0 x 280,0 x 34,0 mm

weight 900 g

HANDSFREE**FLUSH MOUNTING****IP66****- 20°C to + 70°C**Option:
Remote Monitoring by
ASTRO System Manager

P/N 7564468H

SANIVOIP 908S-250MT



Flush mounting VoIP telephone for clean rooms

- IP66 weatherproof front surface without holes and fully washable by common detergents or bactericidals
- 8 memory keys
- 34mm slim thickness depth only

* Product usually available ex-stock *

dimensions (W x H x D) 125,0 x 280,0 x 34,0 mm

weight 900 g

HANDSFREE**FLUSH MOUNTING****IP66****- 40°C to + 70°C****VOIP-LINE LENGTH:
UP TO 250 METRES**Option:
Remote Monitoring by
ASTRO System Manager

P/N 8131931

BACK-BOX

Accessory for decontaminable telephones



Galvanized steel back-box for concrete wall installation of SANIVOX-SANIVOIP series telephone sets.

- 0,8mm thick (also available with 0,7mm thickness on request)

It is not necessary for installation on metal, plastic panels or sandwich panels.

WALL MOUNTING

dimensions (W x H x D) 107,0 x 265,0 x 56,0 mm

weight 400 g

P/N 7133060

BACK-BOX

Accessory for decontaminable telephones



Stainless steel back-box for surface installation of SANIVOX-SANIVOIP series telephone sets as alternative to the flush mounting installation.

WALL MOUNTING

dimensions (W x H x D) 135,0 x 290,0 x 36,5 mm

weight 440 g

P/N 7133987

INSTALLATION KIT FOR SANIVOX/SANIVOIP

Installation and repositioning kit for SANIVOX and SANIVOIP series telephone sets.

VoIP

WEATHERPROOF

P/N 71331xd

TASVOICE SERIES 164/1K T-TEL



On-board VoIP Emergency Call Point for Metro and Railways applications, with direct call button and call status visual and audible indications.

HANDSFREE**FLUSH MOUNTING****IP65****- 40°C to + 70°C**

Option:
Remote Monitoring by
ASTRO System Manager

dimensions (W x H x D) 106,0 x 164,0 x 53,0 mm

weight 850 g

P/N 71331xc

TASVOICE SERIES 164/1K - 2LAN



Digital IP intercom for flush mounting installation. Double LAN interfaces for Railway applications.

HANDSFREE**FLUSH MOUNTING****IP65****- 40°C to + 70°C**

Option:
Remote Monitoring by
ASTRO System Manager

dimensions (W x H x D) 106,0 x 164,0 x 68,0 mm

weight 1,0 kg

P/N 71331xxc

TASVOICE SERIES 164/1K - 2LAN - IL



Digital VoIP intercom for flush mounting installation. Double LAN interfaces for Railway applications.

HANDSFREE**FLUSH MOUNTING****IP65****- 40°C to + 70°C**

Option:
Remote Monitoring by
ASTRO System Manager

Family of Products expressly manufactured according to Customer specifications.

- 3 ON/OFF or voltage command inputs and 2 output relays for interfacing with external systems
- Additional "Inductor Loop" device in order to support the communication with hearing-impaired people

dimensions (W x H x D) 106,0 x 164,0 x 68,0 mm

weight 1,0 kg

P/N 71331xa

TASVOICE SERIES 164/1K



SOS / Emergency Call Point for Railway applications

HANDSFREE**FLUSH MOUNTING****IP65****- 40°C to + 70°C**

Option:
Remote Monitoring by
ASTRO System Manager

Family of Products expressly manufactured according to Customer specifications.

- 1 emergency call button

dimensions (W x H x D) 106,0 x 164,0 x 53,0 mm

weight 850 g

VoIP

WEATHERPROOF

P/N 71331xx

TASVOICE SERIES 164/1K WITH LEVER

SOS / VoIP Emergency Call Point for Railway applications

Family of Products expressly manufactured according to Customer specifications.

- 1 emergency call button
- Lever call module with optical visualization (P/N J7132882)

dimensions (W x H x D) 106,0 x 164,0 x 53,0 mm

HANDSFREE**FLUSH MOUNTING****IP65****- 40°C to + 70°C**

Option:
Remote Monitoring by
ASTRO System Manager

P/N 71331xe

TASVOICE SERIES 164/2K - 2LAN



SOS / VoIP Emergency Call Point for Railway applications, double standard Analog/Digital IP intercom for flush mounting installation.

Family of Products expressly manufactured according to Customer specifications.

- 1 SOS emergency call button
- 1 INFO call button

dimensions (W x H x D) 120,0 x 180,0 x 70,0 mm

weight 850 g

HANDSFREE**FLUSH MOUNTING****IP65****- 40°C to + 70°C**

Option:
Remote Monitoring by
ASTRO System Manager

P/N 71331xg

TASVOICE SERIES 164/4K ON-BOARD CUSTOM INTERCOM UNIT



Customized VoIP communication unit for Metro Driver

HANDSFREE**FLUSH MOUNTING****IP65****- 40°C to + 70°C**

Option:
Remote Monitoring by
ASTRO System Manager

VoIP

EXPLOSION-PROOF

P/N 7134404R

TAS2000 VOIP-Ex 1K-2L-RED



Explosion-proof VoIP Intercom Station with handset

- SIP protocol • PoE compatible
- IP66 protection class • ATEX certified for Zone 1 - Zone 21
- 1 ALARM/EMERGENCY call
- 2 lights (green & red)
- Metallic spring protection for telephone cord

ATEX Approval:

II 2G Ex eb mb ib IIC T6, T5 Gb

II 2D Ex tb IIIC T85°C, T100°C Db

Certificate of Conformity: IECEx IMQ 13.0010.01

dimensions (W x H x D) 230,0 x 270,0 x 140,0 mm

weight 6,0 kg

HANDSET

WALL MOUNTING

IP66

- 40°C to +40°C

- 40°C to +55°C

ATEX and IECEx

**VOIP-LINE LENGTH:
UP TO 180 METRES**

Option:

*Remote Monitoring by
ASTRO System Manager*

P/N 7134402

TAS2000 VOIP-Ex 6K-2L-MX1



Explosion-proof VoIP Intercom Station with handset

- SIP protocol • PoE compatible
- IP66 protection class • ATEX certified for Zone 1 - Zone 21
- 1 general call • 1 conversation line
- 3 alarm keys • 2 lights
- Volume adjusting +/- keys
- Metallic spring protection for telephone cord

ATEX Approval:

II 2G Ex eb mb ib IIC T6, T5 Gb

II 2D Ex tb IIIC T85°C, T100°C Db

Certificate of Conformity: IECEx IMQ 13.0010.01

dimensions (W x H x D) 230,0 x 270,0 x 140,0 mm

weight 6,0 kg

HANDSET

WALL MOUNTING

IP66

- 40°C to +40°C

- 40°C to +55°C

ATEX and IECEx

**VOIP-LINE LENGTH:
UP TO 180 METRES**

Option:

*Remote Monitoring by
ASTRO System Manager*

P/N 7134403

TAS2000 VOIP-Ex 11K-6L-MX2



Explosion-proof VoIP Intercom Station with handset

- SIP protocol • PoE compatible
- IP66 protection class • ATEX certified for Zone 1 - Zone 21
- 1 general call • 5 conversation lines
- 3 alarm keys • 6 lights
- Volume adjusting +/- keys
- Metallic spring protection for telephone cord

ATEX Approval:

II 2G Ex eb mb ib IIC T6, T5 Gb

II 2D Ex tb IIIC T85°C, T100°C Db

Certificate of Conformity: IECEx IMQ 13.0010.01

dimensions (W x H x D) 230,0 x 270,0 x 140,0 mm

weight 6,0 kg

HANDSET

WALL MOUNTING

IP66

- 40°C to +40°C

- 40°C to +55°C

ATEX and IECEx

**VOIP-LINE LENGTH:
UP TO 180 METRES**

Option:

*Remote Monitoring by
ASTRO System Manager*

P/N 7134405

TAS2000 VOIP-Ex 9K-7L-PTB



TAS2000 VoIP-Ex 9K-7L-PTB is a dual-use, wall mount VoIP intercom station

- SIP protocol • PoE compatible
- IP66 protection class • ATEX certified for Zone 1 - Zone 21
- 5 line keys • TalkBack & Page buttons • 2 lights
- Volume adjusting +/- keys
- Standard length (1m) headset cable

ATEX Approval:

II 2G Ex eb mb ib IIC T6, T5 Gb

II 2D Ex tb IIIC T85°C, T100°C Db

Certificate of Conformity: IECEx IMQ 13.0010.01

dimensions (W x H x D) 230,0 x 270,0 x 140,0 mm

weight 6,0 kg

HANDSET

WALL MOUNTING

IP66

- 40°C to +55°C

ATEX and IECEx

**VOIP-LINE LENGTH:
UP TO 180 METRES**

Option:

*Remote Monitoring by
ASTRO System Manager*

P/N 7134406

TAS2000 VOIP-Ex 9K-7L-PTBL



TAS2000 VoIP-Ex 9K-7L-PTBL is a dual-use, wall mount VoIP intercom station

- SIP protocol • PoE compatible
- IP66 protection class • ATEX certified for Zone 1 - Zone 21
- 5 line keys • TalkBack & Page buttons • 2 lights
- Volume adjusting +/- keys
- Extended length (3m) headset cable

ATEX Approval:

II 2G Ex eb mb ib IIC T6, T5 Gb

II 2D Ex tb IIIC T85°C, T100°C Db

Certificate of Conformity: IECEx IMQ 13.0010.01

dimensions (W x H x D) 230,0 x 270,0 x 140,0 mm

weight 6,0 kg

HANDSET

WALL MOUNTING

IP66

- 40°C to + 55°C

ATEX and IECEx

**VOIP-LINE LENGTH:
UP TO 180 METRES**

Option:

*Remote Monitoring by
ASTRO System Manager*

VoIP

EXPLOSION-PROOF

P/N 7134606

TAS360 VOIP-Ex-1M



VoIP Explosion-proof handsfree Intercom Station

- SIP protocol • PoE compatible
- Protection class IP66 • ATEX certified for Zone 1 - Zone 21
- 1 conversation line • 2 lights

ATEX Approval:

II 2G Ex eb mb ib IIC T6, T5 Gb

II 2D Ex tb IIIC T85°C, T100°C Db

ATEX Approval:

II 2G Ex eb mb ib IIC T6, T5 Gb

II 2D Ex tb IIIC T85°C, T100°C Db

Certificate of Conformity: IECEx IMQ 13.0090.01

dimensions (W x H x D) 120,0 x 360,0 x 100,0 mm

weight 4,1 kg

HANDSFREE**WALL MOUNTING****IP66**

- 40°C to + 40°C

- 40°C to + 55°C

ATEX and IECEx

**Extended LAN connection
length:
up to 180 m**

Option:

*Remote Monitoring by
ASTRO System Manager*

P/N 7134602N

TAS360 VOIP-Ex 8K-6L-IS2



Explosion-proof VoIP handsfree Intercom Station

- SIP protocol • PoE compatible
- Protection class IP66 • ATEX certified for Zone 1 - Zone 21
- 4 memory keys • 4 function keys
- 6 lights

ATEX Approval:

II 2G Ex eb mb ib IIC T6, T5 Gb

II 2D Ex tb IIIC T85°C, T100°C Db

Certificate of Conformity: IECEx IMQ 13.0090.01

dimensions (W x H x D) 120,0 x 360,0 x 100,0 mm

weight 4,1 kg

HANDSFREE**WALL MOUNTING****IP66**

- 40°C to + 40°C

- 40°C to + 55°C

ATEX and IECEx

**VOIP-LINE LENGTH:
UP TO 180 METRES**

Option:

*Remote Monitoring by
ASTRO System Manager*

P/N 7134605

TAS360 VOIP-Ex 5K-2L-MX3



Explosion-proof VoIP handsfree Intercom Station

- SIP protocol • PoE compatible
- Protection class IP66 • ATEX certified for Zone 1 - Zone 21
- 1 conversation line
- 2 lights
- volume adjusting +/- keys

ATEX Approval:

II 2G Ex eb mb ib IIC T6, T5 Gb

II 2D Ex tb IIIC T85°C, T100°C Db

Certificate of Conformity: IECEx IMQ 13.0090.01

dimensions (W x H x D) 120,0 x 360,0 x 100,0 mm

weight 4,1 kg

HANDSFREE**WALL MOUNTING****IP66**

- 40°C to + 40°C

- 40°C to + 55°C

ATEX and IECEx

**VOIP-LINE LENGTH:
UP TO 180 METRES**

Option:

*Remote Monitoring by
ASTRO System Manager*

P/N 7134603

TAS360 VOIP-Ex 7K-2L-MX1



VoIP Explosion-proof handsfree Intercom Station

- SIP protocol • PoE compatible
- Protection class IP66 • ATEX certified for Zone 1 - Zone 21
- 1 general call • 1 conversation line
- 3 alarm keys • 2 lights
- volume adjusting +/- keys

ATEX Approval:

II 2G Ex eb mb ib IIC T6, T5 Gb

II 2D Ex tb IIIC T85°C, T100°C Db

Certificate of Conformity: IECEx IMQ 13.0090.01

dimensions (W x H x D) 120,0 x 360,0 x 100,0 mm

weight 4,1 kg

HANDSFREE**WALL MOUNTING****IP66**

- 40°C to + 40°C

- 40°C to + 55°C

ATEX and IECEx

**VOIP-LINE LENGTH:
UP TO 180 METRES**

Option:

*Remote Monitoring by
ASTRO System Manager*

VoIP

EXPLOSION-PROOF

P/N 7134604

TAS360 VOIP-Ex 10K-7L-MX2



Explosion-proof VoIP handsfree Intercom Station

- SIP protocol • PoE compatible
- Protection class IP66 • ATEX certified for Zone 1 - Zone 21
- 1 general call • 6 conversation lines
- 7 lights
- volume adjusting +/- keys

ATEX Approval:

II 2G Ex eb mb ib IIC T6, T5 Gb

II 2D Ex tb IIIC T85°C, T100°C Db

Certificate of Conformity: IECEx IMQ 13.0090.01

dimensions (W x H x D) 120,0 x 360,0 x 100,0 mm

weight 4,1 kg

HANDSFREE**WALL MOUNTING****IP66****- 40°C to + 40°C****- 40°C to + 55°C****ATEX and IECEx****VOIP-LINE LENGTH:
UP TO 180 METRES***Option:**Remote Monitoring by
ASTRO System Manager*

P/N D001145

ATEX PA/GA ACCESS CONTROL PANEL



ATEX PA/GA Access Control Panel

- Wall / Flush / Rack 19" mounting solution

dimensions (W x H x D) 280,0 x 360,0 x 110,0 mm

HANDSFREE**WALL/FLUSH/RACK MOUN****ATEX and IECEx****VOIP-LINE LENGTH:
UP TO 250 METRES***Option:**Remote Monitoring by
ASTRO System Manager*

Analog

INDOOR

P/N 7531137

GFX102+ - 2 FXS PORTS



VoIP gateway with 2 FXS ports

- SIP protocol RFC3261
- Codec: G.722 (HD Voice), G.711 (A/μ-law), G.726, G.729A, G.723.1
- 1 10/100Mbps port, RJ45, Ethernet, auto-crossover
- Support for static IP, PPoE, DHCP, dynamic DNS (DDNS)
- 2 simultaneous voice/FAX conversations
- Caller ID support (CLIP/CLIR) DTMF tone recognition and generation
- Configuration via Telnet
- Silence suppression and echo cancellation (G.165/G.168)
- Call details (CDR) exportable to external servers

dimensions (W x H x D) 138,0 x 32,0 x 99,0 mm

weight 150 g

DESK MOUNTING

0°C to + 45°C

P/N 7531135

GFX111+ - 1 FXS PORT / 1 FXO PORT



VoIP gateway with 1 FXS port and 1 FXO port

- SIP protocol RFC3261
- Codec: G.722 (HD Voice), G.711 (A/μ-law), G.726, G.729A, G.723.1
- 1 10/100Mbps port, RJ45, Ethernet, auto-crossover
- Support for static IP, PPoE, DHCP, dynamic DNS (DDNS)
- 2 simultaneous voice/FAX conversations
- Caller ID support (CLIP/CLIR) DTMF tone recognition and generation
- Configuration via web browser or Telnet
- Silence suppression and echo cancellation (G.165/G.168)
- Call details (CDR) exportable to external servers

dimensions (W x H x D) 138,0 x 32,0 x 99,0 mm

weight 150 g

DESK MOUNTING

0°C to + 45°C

Analog

INDOOR

P/N 7531134

GFX422N - 2 FXS PORTS / 2 FXO PORTS



VoIP gateway with 2 FXS ports and 2 FXO ports

- SIP protocol RFC3261
- Codec: G.722 (HD Voice), G.711 (A/μ-law), G.726, G.729A, G.723.1
- 1 10/100Mbps port, RJ45, Ethernet, auto-crossover
- Support for static IP, PPoE, DHCP, dynamic DNS (DDNS)
- 4 simultaneous voice/FAX conversations
- Caller ID support (CLIP/CLIR) DTMF tone recognition and generation
- Configuration via web browser or telephone
- Silence suppression and echo cancellation (G.165/G.168)
- Call details (CDR) exportable to external servers

dimensions (W x H x D) 226,0 x 80,0 x 155,0 mm

weight 450 g

DESK MOUNTING

0°C to +45°C

P/N 7531132

GFX404N - 4 FXS PORTS



VoIP gateway with 4 FXS ports

- SIP protocol RFC3261
- Codec: G.722 (HD Voice), G.711 (A/μ-law), G.726, G.729A, G.723.1
- 1 10/100Mbps port, RJ45, Ethernet, auto-crossover
- Support for static IP, PPoE, DHCP, dynamic DNS (DDNS)
- 4 simultaneous voice/FAX conversations
- Caller ID support (CLIP/CLIR) DTMF tone recognition and generation
- Configuration via web browser or telephone
- Silence suppression and echo cancellation (G.165/G.168)
- Call details (CDR) exportable to external servers

dimensions (W x H x D) 226,0 x 80,0 x 155,0 mm

weight 450 g

DESK MOUNTING

0°C to +45°C

P/N 7531136

GFX440N - 4 FXO PORTS



VoIP gateway with 4 FXO ports

- SIP protocol RFC3261
- Codec: G.722 (HD Voice), G.711 (A/μ-law), G.726, G.729A, G.723.1
- 1 10/100Mbps port, RJ45, Ethernet, auto-crossover
- Support for static IP, PPoE, DHCP, dynamic DNS (DDNS)
- 4 simultaneous voice/FAX conversations
- Caller ID support (CLIP/CLIR) DTMF tone recognition and generation
- Configuration via web browser or telephone
- Silence suppression and echo cancellation (G.165/G.168)
- Call details (CDR) exportable to external servers

dimensions (W x H x D) 226,0 x 80,0 x 155,0 mm

weight 450 g

DESK MOUNTING

0°C to +45°C

Analog

INDOOR

P/N 7531133

GFX808N - 8 FXS PORTS / 4 LAN PORTS



VoIP gateway with 8 FXS ports

- SIP protocol RFC3261
- Codec: G.722 (HD Voice), G.711 (A/μ-law), G.726, G.729A, G.723.1
- 1 10/100Mbps port, RJ45, Ethernet, auto-crossover
- Support for static IP, PPoE, DHCP, dynamic DNS (DDNS)
- 8 simultaneous voice/FAX conversations
- Caller ID support (CLIP/CLIR) DTMF tone recognition and generation
- Configuration via web browser or telephone
- Silence suppression and echo cancellation (G.165/G.168)
- Call details (CDR) exportable to external servers
- 19" rack mount bracket available (P/N 7531119)

dimensions (W x H x D) 302,0 x 45,0 x 179,0 mm

weight 1,2 kg

DESK/RACK MOUNTING

0°C to +45°C

P/N 7531138

GFX808PN - 8 FXS PORTS / 4 LAN PORTS WITH PRIORITY AND FAILOVER



VoIP gateway with 8 FXS ports with priority and failover management

- SIP protocol RFC3261
- Codec: G.711 (A/μ-law), G.726, G.729A, G.723.1
- 1 10/100Mbps port, RJ45, Ethernet, auto-crossover
- Support for static IP, PPoE, DHCP, dynamic DNS (DDNS)
- Up to 8 simultaneous voice/FAX connections
- Up to 3 simultaneous SIP server registrations
- Caller ID support (CLIP/CLIR) DTMF tone recognition and generation
- Configuration via web browser or telephone with IVR assistance
- Silence suppression and echo cancellation (G.165/G.168)
- 19" rack mount bracket available (P/N 7531119)

dimensions (W x H x D) 302,0 x 45,0 x 179,0 mm

weight 1,2 kg

DESK/RACK MOUNTING

0°C to +45°C

P/N 7531119

19" RACK MOUNT BRACKET FOR GATEWAYS WITH 8 PORTS



19" rack mount bracket suitable for the following gateways:

- 7531133: GFX808N - 8 FXS ports / 4 LAN ports
- 7531138: GFX808PN - 8 FXS ports / 4 LAN ports with priority and failover management

dimensions (W x H x D) 483,0 x 45,0 x 145,0 mm

weight 700 g

RACK MOUNTING

P/N 7531126

GFX3200+



The GFX3200+ VoIP gateway allows to connect any telephone exchange with analog connections (local lines or extensions) to the IP network. The gateway simultaneously supports up to 32 conversations: telephone connections can be extended through the IP network in a completely transparent manner to telephone signalling criteria (DTMF, CLI, Flash, Reverse Polarity, etc.).

2 slots for the following extension modules:

- 7531127: GFxE0808+ (8 FXS ports + 8 FXO ports)
- 7531128: GFxE0016+ (16 FXS ports)
- 7531129: GFxE1600+ (16 FXO ports)

dimensions (W x H x D) 445,0 x 45,0 x 25,0 mm

weight 3,1 kg

RACK MOUNTING

0°C to +45°C

P/N 7531127

GFxE0808+ - EXTENSION MODULE



Extension module for GFX3200+ VoIP gateway (P/N 7531126)

Specifications:

- 8 FXS ports + 8 FXO ports
- RJ11 plug connectors

0°C to +45°C

P/N 7531128

GFxE0016+ - EXTENSION MODULE



Extension module for GFX3200+ VoIP gateway (P/N 7531126)

Specifications:

- 16 FXS ports
- RJ11 plug connectors

0°C to +45°C

P/N 7531129

GFxE1600+ - EXTENSION MODULE



Extension module for GFX3200+ VoIP gateway (P/N 7531126)

Specifications:

- 16 FXO ports
- RJ11 plug connectors

0°C to +45°C

Analog

INDOOR

P/N 7128014B

CL101N



Tri-band GSM interface (900/1800/1900)

- RJ11 socket (FXS port) for connection to an analog trunk line of a telephone exchange (PABX) or directly to an analog telephone
- Sending of the caller identification (CLI) to the PBX telephone system or to the connected telephone
- Permanent call forwarding, on busy, on no answer, if out of range or if terminal is switched off
- Programming of permitted and prohibited numbers
- DTMF tone programming from the connected telephone
- Automatic hot-line when the connected telephone is off-hook

dimensions (W x H x D) 130,0 x 197,0 x 45,0 mm

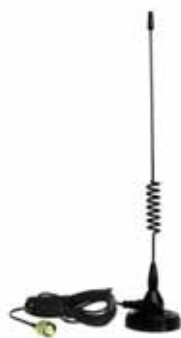
weight 390 g

HANDSET

DESK/WALL MOUNTING

P/N 7128161

GSM/3G STYLUS ANTENNA + 3 M CABLE



GSM/3G external antenna with 3 metres cable for CL101N (P/N 7128014B), fitted with a male SMA connector.

dimensions Ø 53,0 x 310,0 mm

weight 170 g

DESK/WALL MOUNTING

Accessory for CL101N GSM interface

Analog

INDOOR

P/N 7128742

TF410



Slim analog phone intercom

- 2 direct memory keys and 10 "dual touch" memory keys
- DTMF tone dialling
- Mute key
- Pause key and last number redial
- Flash "R" key for use with PABXs
- Adjustable ringing
- Desk/wall mounting
- Name tag on the handset

dimensions (W x H) 93,0 x 198,0 mm

weight 600 g

HANDSET

DESK/WALL MOUNTING

P/N 7128734

TF425+ GREEN



Line-powered multifunction analog telephone with CLIP feature

- 3 rows, backlit alpha-numeric display
- 6 one-touch memories
- Handsfree function with dedicated LED button
- Handset socket with dedicated LED button
- Phonebook for 150 numbers with name
- List of the last 99 received calls
- List of the last 30 dialled calls
- Missed call LED
- Incoming call LED
- Data retention without power supply

dimensions (W x H x D) 210,0 x 198,0 x 90,0 mm

weight 1,25 kg

HANDSET/HANDSFREE

DESK/WALL MOUNTING

P/N 7128702

PUNTO 11 FUCSIA



Analog phone intercom

- 10 direct memory keys and 10 "dual touch" memory keys
- DTMF/Pulse selection
- Memory storage without the need of power supply or batteries
- Optical signalling of active "Mute" function
- Adjustable receiving volume
- Horizontal or vertical position of the handset
- Desk/wall mounting

dimensions (W x H) 190,0 x 145,0 mm

weight 660 g

HANDSET

DESK/WALL MOUNTING

P/N 7148842

AXC500/BCA



The AXC500/BCA miniature telephone is a very small device specially designed for the use with a headset.

AXC500/BCA must be completed with the preferred type of headset or possibly a corresponding conventional handset.

A steel headset holder to be inserted in the relevant hooks is provided in order to store the headset when it is not being worn.

The AXC500/BCA is compatible with the following headsets:

- THS1000TC1 (P/N 7148818)
- THS1000L/2NQ (P/N 7148835)
- THS1000 V2 (P/N 7148852)

dimensions (W x H x D) 75,0 x 116,0 x 43,0 mm

weight 150 g

HANDSET/HANDSFREE

DESK MOUNTING

P/N 7148818

THS1000TC1



THS1000TC1 is a prestigious single-ear headset with a noise-cancelling microphone supported by an elegant steel tube rod with ball joint. This headset has plastic parts coloured metallic blue and has an adjustable headband made of black anodised steel. It is light and comfortable and therefore particularly suitable for call centre operators in the same room, taking advantage of the microphone's noise-reducing characteristics.

- Ultra-light single-ear version
- Noise-cancelling microphone

HANDSFREE

Analog

WEATHERPROOF

P/N 7132800

TTH10 - 32P



Analog ACB flush-mounting telephone

- ABS material
- IP65 protection
- 15-key keyboard

HANDSET**FLUSH MOUNTING****IP65****- 20°C to + 70°C**

dimensions (W x H x D) 91,0 x 278,0 x 110,0 mm

weight 700 g

P/N 7132800x

TTH10 - 32P DESKTOP BOX



Analog ACB desktop box telephone

- ABS material
- IP65 protection
- 15-key keyboard

HANDSET**FLUSH MOUNTING****IP65****- 20°C to + 70°C**

dimensions (W x H x D) 91,0 x 278,0 x 110,0 mm

weight 700 g

P/N 7128752

DECT300 - HANDSET



- HD audio support (G.722)
- 2" TFT display (176x220)
- Polyphonic ringtones
- Local phonebook (100 entries)
- Central (3000 entries) and Remote (through LDAP protocol) phonebooks
- 3 soft keys
- 3 side keys (Mute, Vol+, Vol-)
- 5-way navigation key
- Headset connector (3.5mm) G.722 codec for HD audio
- G.726 codec for standard audio

dimensions (W x H x D) 48,0 x 140,0 x 25,0 mm

weight 125 g

DESK MOUNTING

IP30

- 10°C to + 50°C

P/N 7549070

SEL3010IP - RADIO BASE



- GAP / CAP / CAT-iq DECT compatible radio base station
- Frequency band: 1880 – 1930 MHz (DECT)
1880 – 1900 MHz (10 carriers)
- 4 power levels (14, 17, 20 and 24dBm)
- Seamless handover using connection handover
- Up to 254 bases and 1000 DECT300 handsets (P/N 7128752)
- Up to 3 DECT113 repeaters (P/N 7128777) per base station
- Internal omni-directional antennas
- Indoor range: 50m • Outdoor range: 300m
- PoE 44-57v-IEEE802.3at
- Maximum power consumption: 5W

dimensions (W x H x D) 150,0 x 205,0 x 56,0 mm

weight 335 g

DESK MOUNTING

IP30

- 5°C to + 55°C

P/N 7128777

DECT113 - RADIO REPEATER



- Up to 3 repeaters per SEL3010IP base station (P/N 7549070) in daisy chain
- Wideband audio
- Automatic registration
- Indoor cabinet
- Manual mounting kit
- Easily mounting on walls
- 12 slot support
- Handling of 5 active narrow band calls simultaneously
- Handling of 2 active wide band calls simultaneously
- DECT encryption

dimensions (W x H x D) 120,0 x 135,0 x 35,0 mm

weight 126 g

WALL MOUNTING

IP30

- 10°C to + 50° C

P/N 7128793

ASD793



Recharging base for DECT300 handset with slot for additional battery

HANDSET

DESK MOUNTING

dimensions (W x H x D) 56,0 x 82,0 x 66,0 mm

weight 160 g

P/N 7128715

TF500-TELEPHONE FOR HEARING-IMPAIRED PEOPLE



Vibro-receiving BCA telephone for hearing-impaired people or noisy environments.

- Useful for hearing-impaired people
- Patented receiver with vibrating sensor
- Adjustable receiving volume
- Adjustable ringing volume
- Optical signalling for incoming call
- Handsfree
- Large and user-friendly keys

HANDSET

DESK/WALL MOUNTING

dimensions (W x H x D) footprint 200,0 x 210,0 x 90,0 mm

weight 1,5 kg

P/N 7148818

THS1000TC1



THS1000TC1 is a prestigious single-ear headset with a noise-cancelling microphone supported by an elegant steel tube rod with ball joint. This headset has plastic parts coloured metallic blue and has an adjustable headband made of black anodised steel. It is light and comfortable and therefore particularly suitable for call centre operators in the same room, taking advantage of the microphone's noise-reducing characteristics.

- Ultra-light single-ear version
- Noise-cancelling microphone

HANDSFREE

P/N 7148835

THS1000L/2NQ



Two-ear headset: luxury model, with noise-cancelling microphone and "quick disconnect" connector.

THS1000L2/NQ is the 'top' model in the range with two earphones, elegant and comfortable. Larger diameter earphones, soft and flexible in the ear support, for ease of listening and attenuation of ambient noise. Microphone holder rod with excellent flexibility.

- Binaural headset with enlarged diameter
- Noise-cancelling microphone on mouldable rod

P/N 7148852

THS1000 V2



Elegant double earphones headset for professional applications

- 3-in-1 elegant headset converts from over-the-head to over-the-ear style wearing and also can be behind-the-head for stable fit for contact center and office professionals

- Long-wearing comfort

The superior flexibility of adjustable headband and rubber T-bar provide comfortable fit of the headset and stability

- Excellent sound

Acoustic shock protection and noise reduction receiver

- The best transmission

Noise cancellation microphone with anti-static shock

P/N 7148850

AXC600USB



This cable is intended to allow the connection of the headset with the USB port of a personal computer. The adapter cable is fitted with a "quick disconnect" connector at one end and a male USB type "A" plug at the other end. The cable plugs into the quick disconnect connector on the telephone headset and the USB port on the PC.

- Length: approx. 2 metres
- Equipped with listening volume control
- "Mute" button

P/N 7148846

AXC500/BC



Universal amplifier/adaptor for connecting a headset directly to the analog, urban or PABX telephone line.

- Line seizing button (ON/OFF) • Listening volume adjustment
- Microphone volume adjustment • Mute button
- Socket for additional listening or recording
- No battery required • Basic model, particularly space-saving

The AXC500/BC is compatible with the following headsets:

- THS1000TC1 (P/N 7148818)
- THS1000L/2NQ (P/N 7148835)
- THS1000 V2 (P/N 7148852)

dimensions (W x H x D) 75,0 x 116,0 x 43,0 mm

weight 150 g

DESK MOUNTING

P/N 7148841

AXC1000/BC



Universal amplifier/adaptor for connecting a headset directly to the analog, urban or PABX telephone line.

- Line seizing button (ON/OFF) • Listening volume adjustment
- Microphone volume adjustment • Mute button
- Socket for additional listening or recording
- No battery required • Extra small footprint model

The AXC1000/BC is compatible with the following headsets:

- THS1000TC1 (P/N 7148818)
- THS1000L/2NQ (P/N 7148835)
- THS1000 V2 (P/N 7148852)

dimensions (W x H x D) 83,0 x 131,0 x 40,0 mm

weight 150 g

DESK MOUNTING

P/N 7148842

AXC500/BCA



The AXC500/BCA miniature telephone is a very small device specially designed for the use with a headset.

AXC500/BCA must to be completed with the preferred type of headset or possibly a corresponding conventional handset.

A steel headset holder to be inserted in the relevant hooks is provided in order to store the headset when it is not being worn.

The AXC500/BCA is compatible with the following headsets:

- THS1000TC1 (P/N 7148818)
- THS1000L/2NQ (P/N 7148835)
- THS1000 V2 (P/N 7148852)

dimensions (W x H x D) 75,0 x 116,0 x 43,0 mm

weight 150 g

HANDSET/HANDSFREE

DESK MOUNTING

P/N 7148865

QD/RJ9 CORD



Universal QD/RJ9 coiled cable, equipped with an 8-position compatibility switch to prepare the cabling for operation of the headset with all common existing equipment. Equipped with "quick disconnect" connector at one end and RJ9 connector at the other, extendable from 1.5 to 2.5 metres.

The cable is fitted with RJ9 plug and switch for universal wiring.

Analog

INDOOR

P/N 7242401

PR168-1



Combined plug-in protection module for 220VAC power supply and 1 analog or ADSL telephone line.

This protection combines, in a single device, a barrier against damage due to surges from a telephone line and/or the 220VAC power supply line.

The connection on the telephone line side and the device to be protected is made via a modular 6/4 RJ11 socket and/or via screw terminals.

Connection to the mains supply is via a built-in 10A plug.

dimensions (W x H x D) 56,0 x 150,0 x 23,0 mm

weight 200 g

P/N 7242402

PR168-2



Combined plug-in protection module for 220VAC power supply and 2 analog or ADSL telephone lines.

This protection combines, in a single device, a barrier against damage caused by overvoltage from two telephone lines and/or the 220VAC power supply line.

The connection on the telephone line side and the device to be protected is made via a modular 6/4 RJ11 socket and/or via screw terminals.

Connection to the mains supply is via a built-in 10A plug.

dimensions (W x H x D) 56,0 x 150,0 x 23,0 mm

weight 200 g

Analog

INDOOR

P/N 7272735

PR164-1/240



Surكتور Protection Module for 1 analog or ADSL telephone line.

The protection uses a special patented circuit ensuring the so-called "fast self-piloting effect". It thus offers significantly higher effectiveness than surge protectors without this feature, with extraordinarily short times in the order of 1 billionth of a second.

- Minimum trigger voltage at 1 mA: 240VDC
- Maximum operating voltage: 217VDC

dimensions (W x H x D) 36,0 x 80,0 x 28,0 mm

weight 125 g

DIN RAIL MOUNTING

P/N 7272720

PR164-2/240



Surكتور Multiple Protection Module for 2 analog or ADSL telephone lines.

The protection uses a special patented circuit ensuring the so-called "fast self-piloting effect". It thus offers significantly higher effectiveness than surge protectors without this feature, with extraordinarily short times in the order of 1 billionth of a second.

- Minimum trigger voltage at 1 mA: 240VDC
- Maximum operating voltage: 217VDC

dimensions (W x H x D) 36,0 x 80,0 x 28,0 mm

weight 125 g

DIN RAIL MOUNTING

P/N 7272730

PR164-3/240



Surكتور Multiple Protection Module for 3 analog or ADSL telephone lines.

The protection uses a special patented circuit ensuring the so-called "fast self-piloting effect". It thus offers significantly higher effectiveness than surge protectors without this feature, with extraordinarily short times in the order of 1 billionth of a second.

- Minimum trigger voltage at 1 mA: 240VDC
- Maximum operating voltage: 217VDC

dimensions (W x H x D) 54,0 x 80,0 x 28,0 mm

weight 187 g

DIN RAIL MOUNTING

P/N 7272331

PR264-1/240



Surكتور Multiple Protection Module for 1 analog or ADSL telephone line.

The protection uses a special patented circuit ensuring the so-called "fast self-piloting effect". It thus offers significantly higher effectiveness than surge protectors without this feature, with extraordinarily short times in the order of 1 billionth of a second.

- Connections via RJ11 modular sockets or screw terminals
- Unique earthing springs for use on Omega or "C" DIN bars
- Recommended for protection of telephone exchanges (PABXs) and other analog telephone equipment

dimensions (W x H x D) 36,0 x 102,0 x 26,0 mm

weight 80 g

DIN RAIL MOUNTING

P/N 7272332

PR264-2/240



Sursector Multiple Protection Module for 2 analog or ADSL telephone lines.

The protection uses a special patented circuit ensuring the so-called "fast self-piloting effect". It thus offers significantly higher effectiveness than surge protectors without this feature, with extraordinarily short times in the order of 1 billionth of a second.

- Connections via RJ11 modular sockets or screw terminals
- Unique earthing springs for use on Omega or "C" DIN bars
- Recommended for protection of telephone exchanges (PABXs) and other analog telephone equipment

dimensions (W x H x D) 36,0 x 102,0 x 26,0 mm

weight 110 g

DIN RAIL MOUNTING

ISDN

INDOOR

P/N 7272330

PR264-ISDN



Surtektor Protection Module for 1 ISDN-Basic Rate Interface or 1 S0 bus.

The protection uses a special patented circuit ensuring the so-called "fast self-piloting effect". It thus offers significantly higher effectiveness than surge protectors without this feature, with extraordinarily short times in the order of 1 billionth of a second.

- ISDN bus connections via modular RJ45 sockets or screw terminals
- Unique earthing springs for use on Omega or "C" DIN bars
- Recommended for protection of ISDN telephone exchanges (PABXs) and other ISDN telephone equipment

dimensions (W x H x D) 36,0 x 102,0 x 26,0 mm

weight 80 g

DIN RAIL MOUNTING

ACCESSORIES

P/N 7272709

APR709



Cover for individual PR164-1/240 and PR164-2/240 Surtector Protection Modules.

The cover of the PR164 series protectors, although not indispensable, gives the installed protection an aesthetically pleasing appearance and protects the connection terminals from accidental tampering. The kit also include screws and dowels necessary for mounting the protection either on the wall or on a Gewiss-type box plate.

dimensions (W x H x D) 36,0 x 100,0 x 31,5 mm

weight 17,5 g

P/N 7272710

APR710



Cover for individual PR164-3/240 Surtector Protection Module.

The cover of the PR164 series protectors, although not indispensable, gives the installed protection an aesthetically pleasing appearance and protects the connection terminals from accidental tampering.

dimensions (W x H x D) 54,0 x 100,0 x 31,5 mm

P/N 7272707

APR707



Cover for wall or panel mounting for PR164-1/240 and PR164-2/240 Surtector Protection Modules, complete with cover.

The cover for the PR164 series protections, although not indispensable, gives the installed protection an attractive appearance and protects the connection terminals from accidental tampering.

The kit also include screws and dowels necessary for mounting the protection either on the wall or on a Gewiss-type box plate.

dimensions (W x H x D) 54,0 x 100,0 x 31,5 mm

weight 30 g

P/N 7272708

APR708



Cover for wall or panel mounting for PR164-3/240 Surtector Protection Module, complete with cover.

The cover for the PR164 series protections, although not indispensable, gives the installed protection an attractive appearance and protects the connection terminals from accidental tampering.

dimensions (W x H x D) 54,0 x 100,0 x 31,5 mm

weight 35 g

ACCESSORIES

P/N 7242161

APR161



Kit for mounting protection modules PR164, PR264 and PR159A on DIN EN50035 'C' rail: pair of supports and fixing screws. The kit consists of a pair of plastic supports and relative fixing screws.

It can be used with all Surtector Protection Modules of the PR164, PR264 and PR159A series.

dimensions (W x H x D) 12,0 x 25,0 x 15,0 mm

weight 15 g

P/N 7272721

APR721



The APR721 kit is a necessary accessory for 'snap-on' mounting of PR164 and PR159 Surtector Protection Modules on DIN EN50022 Omega profiles.

dimensions (W x H x D) 35,0 x 35,0 x 9,0 mm

weight 10 g

P/N 7272325

APR325



Kit for "snap-on" mounting of PR264 protection modules, pair of plastic supports.

Accessory required for "snap-on" mounting of PR264

Surtector Protection Modules on Omega DIN 46277 profile.

For earthing the PR264 guard mounted on Omega rail, simply earth the rail itself, thanks to the earthing springs on the back of the guard.

dimensions (W x H x D) 35,0 x 40,0 x 9,0 mm

weight 7,5 g

Analog

INDOOR

P/N 7272746

PR164-1/035



Surtektor Protection Module for 1 signalling telephone line.

The protection uses a special patented circuit ensuring the so-called "fast self-piloting effect". It thus offers significantly higher effectiveness than surge protectors without this feature, with extraordinarily short times in the order of 1 billionth of a second.

- Minimum trigger voltage at 1 mA: 35VDC
- Maximum operating voltage: 32VDC

DIN RAIL MOUNTING

dimensions (W x H x D) 36,0 x 80,0 x 28,0 mm

weight 125 g

P/N 7272747

PR164-2/035



Surtektor Multiple Protection Module for 2 signalling lines.

The protection uses a special patented circuit ensuring the so-called "fast self-piloting effect". It thus offers significantly higher effectiveness than surge protectors without this feature, with extraordinarily short times in the order of 1 billionth of a second.

- Minimum trigger voltage at 1 mA: 35VDC
- Maximum operating voltage: 32VDC

DIN RAIL MOUNTING

dimensions (W x H x D) 36,0 x 80,0 x 28,0 mm

weight 125 g

P/N 7272748

PR164-3/035



Surtektor Multiple Protection Module for 3 signalling lines.

The protection uses a special patented circuit ensuring the so-called "fast self-piloting effect". It thus offers significantly higher effectiveness than surge protectors without this feature, with extraordinarily short times in the order of 1 billionth of a second.

- Minimum trigger voltage at 1 mA: 35VDC
- Maximum operating voltage: 32VDC

DIN RAIL MOUNTING

dimensions (W x H x D) 54,0 x 80,0 x 28,0 mm

weight 187 g

ACCESSORIES

P/N 7272709

APR709



Cover for individual PR164-1/240 and PR164-2/240 Surtector Protection Modules.

The cover of the PR164 series protectors, although not indispensable, gives the installed protection an aesthetically pleasing appearance and protects the connection terminals from accidental tampering. The kit also include screws and dowels necessary for mounting the protection either on the wall or on a Gewiss-type box plate.

dimensions (W x H x D) 36,0 x 100,0 x 31,5 mm

weight 17,5 g

P/N 7272710

APR710



Cover for individual PR164-3/240 Surtector Protection Module.

The cover of the PR164 series protectors, although not indispensable, gives the installed protection an aesthetically pleasing appearance and protects the connection terminals from accidental tampering.

dimensions (W x H x D) 54,0 x 100,0 x 31,5 mm

P/N 7272707

APR707



Cover for wall or panel mounting for PR164-1/240 and PR164-2/240 Surtector Protection Modules, complete with cover.

The cover for the PR164 series protections, although not indispensable, gives the installed protection an attractive appearance and protects the connection terminals from accidental tampering.

The kit also include screws and dowels necessary for mounting the protection either on the wall or on a Gewiss-type box plate.

dimensions (W x H x D) 54,0 x 100,0 x 31,5 mm

weight 30 g

P/N 7272708

APR708



Cover for wall or panel mounting for PR164-3/240 Surtector Protection Module, complete with cover.

The cover for the PR164 series protections, although not indispensable, gives the installed protection an attractive appearance and protects the connection terminals from accidental tampering.

dimensions (W x H x D) 54,0 x 100,0 x 31,5 mm

weight 35 g

ACCESSORIES

P/N 7242161

APR161



Kit for mounting protection modules PR164, PR264 and PR159A on DIN EN50035 'C' rail: pair of supports and fixing screws.

The kit consists of a pair of plastic supports and relative fixing screws.

It can be used with all Surtector Protection Modules of the PR164, PR264 and PR159A series.

dimensions (W x H x D) 12,0 x 25,0 x 15,0 mm

weight 15 g

P/N 7272721

APR721



The APR721 kit is a necessary accessory for 'snap-on' mounting of PR164 and PR159 Surtector Protection Modules on DIN EN50022 Omega profiles.

dimensions (W x H x D) 35,0 x 35,0 x 9,0 mm

weight 10 g

INDOOR

P/N 7242149

PR159A/220VAC-125VA



Surtektor Protection Module for one 220VAC power supply line.

The protection uses a special patented circuit ensuring the so-called "fast self-piloting effect". It thus offers significantly higher effectiveness than surge protectors without this feature, with extraordinarily short times in the order of 1 billionth of a second.

- Operating light signal
- User-operated button for resetting protection after activation
- Maximum load: 125VA

dimensions (W x H x D) 54,0 x 100,0 x 51,0 mm

weight 285 g

WALL MOUNTING

P/N 7242150

PR159A/220VAC-400VA



Surtektor Protection Module for one 220VAC power supply line.

The protection uses a special patented circuit ensuring the so-called "fast self-piloting effect". It thus offers significantly higher effectiveness than surge protectors without this feature, with extraordinarily short times in the order of 1 billionth of a second.

- Operating light signal
- User-operated button for resetting protection after activation
- Maximum load: 400VA

dimensions (W x H x D) 54,0 x 100,0 x 51,0 mm

weight 285 g

WALL MOUNTING

P/N 7242148

PR159A/220VAC-1250VA



Surtektor Protection Module for one 220VAC power supply line.

The protection uses a special patented circuit ensuring the so-called "fast self-piloting effect". It thus offers significantly higher effectiveness than surge protectors without this feature, with extraordinarily short times in the order of 1 billionth of a second.

- Operating light signal
- User-operated button for resetting protection after activation
- Maximum load: 1250VA

dimensions (W x H x D) 54,0 x 100,0 x 51,0 mm

weight 285 g

WALL MOUNTING

P/N 7242144

PR159A/24VAC-6,3A



Surtektor Protection Module for one 24VAC power supply line.

The protection uses a special patented circuit ensuring the so-called "fast self-piloting effect". It thus offers significantly higher effectiveness than surge protectors without this feature, with extraordinarily short times in the order of 1 billionth of a second.

- Operating light signal
- User-operated button for resetting protection after activation
- Maximum load: 6,3A

dimensions (W x H x D) 54,0 x 100,0 x 51,0 mm

weight 285 g

WALL MOUNTING

INDOOR

P/N 7242147

PR159A/12VDC-6,3A



Sur Protector Protection Module for one 12VDC power supply line.

The protection uses a special patented circuit ensuring the so-called "fast self-piloting effect". It thus offers significantly higher effectiveness than surge protectors without this feature, with extraordinarily short times in the order of 1 billionth of a second.

- Operating light signal
- User-operated button for resetting protection after activation
- Maximum load: 6,3A

dimensions (W x H x D) 54,0 x 100,0 x 51,0 mm

weight 285 g

WALL MOUNTING

P/N 7242190

PR159A/48VDC-6,3A



Sur Protector Protection Module for one 48VDC power supply line.

The protection uses a special patented circuit ensuring the so-called "fast self-piloting effect". It thus offers significantly higher effectiveness than surge protectors without this feature, with extraordinarily short times in the order of 1 billionth of a second.

- Operating light signal
- User-operated button for resetting protection after activation
- Maximum load: 6,3A

dimensions (W x H x D) 54,0 x 100,0 x 51,0 mm

weight 285 g

WALL MOUNTING

P/N 7242145

PR159A/110VDC-6,3A



Sur Protector Protection Module for one 110VDC power supply line.

The protection uses a special patented circuit ensuring the so-called "fast self-piloting effect". It thus offers significantly higher effectiveness than surge protectors without this feature, with extraordinarily short times in the order of 1 billionth of a second.

- Operating light signal
- User-operated button for resetting protection after activation
- Maximum load: 6,3A

dimensions (W x H x D) 54,0 x 100,0 x 51,0 mm

weight 285 g

WALL MOUNTING

ACCESSORIES

P/N 7242156

APR156



Adaptation frame for the PR159A protection, a useful accessory for installing the protection on switchboards or in electrical cabinets, keeping the terminals protected.

The adaptation frame, in addition to the DIN profile mounting kits, allows the PR159A protection to be neatly flush-mounted in normal electrical cabinets, together with the modules of normal circuit breakers.

dimensions (W x H x D) 53,5 x 45,0 x 13,0 mm

weight 5 g

P/N 7242161

APR161



Kit for mounting protection modules PR164, PR264 and PR159A on DIN EN50035 'C' rail: pair of supports and fixing screws.

The kit consists of a pair of plastic supports and relative fixing screws.

It can be used with all Surtector Protection Modules of the PR164, PR264 and PR159A series.

dimensions (W x H x D) 12,0 x 25,0 x 15,0 mm

weight 15 g

P/N 7272721

APR721



The APR721 kit is a necessary accessory for 'snap-on' mounting of PR164 and PR159 Surtector Protection Modules on DIN EN50022 Omega profiles.

dimensions (W x H x D) 35,0 x 35,0 x 9,0 mm

weight 10 g

Analog

INDOOR

P/N 7322240

TRILLO LED



Telephone ringer with optical flashing LED

- Both optical and acoustic signalling
- Loud ringer up to 90dB/1m
- Ringer volume level: high / low / off
- High efficiency optical LED
- External power supply not required
- RJ11-RJ11 telephone cable supplied (3 metres)
- RJ11 telephone splitter supplied

ACOUSTIC / LUMINOUS

WALL MOUNTING

dimensions (W x H x D) 71,0 x 115,0 x 24,0 mm

weight 100 g

P/N 7331250

TRILLO 3PN



Acoustic/luminous telephone and bell ringer for indoor use

- Adjustable volume up to 110dB/1m • Incremental ringtone: first ring at 99dB/1m
- 4 different ring tones
- Different sounds for telephone and bell calls
- Input bell call: 1,5 to 40VAC - 2,5 to 60VDC - dry contact
- 3 high efficiency LED signaling
- Output for external loudspeaker: 8W-4Ω
- Power supply: 240VAC - 50Hz
- 12VDC output for external relay bridging ringer's breaks for continuous activating of rotating lamps

ACOUSTIC / LUMINOUS

WALL MOUNTING

dimensions (W x H x D) 106,0 x 225,0 x 73,0 mm

weight 1,5 kg

Analog

WEATHERPROOF

P/N 7327265

AP29/8



Weatherproof call signalling additional to TRILLO 3P (max. 2)

- IP55 protection
- Maximum input power: 8W
- Impedance: 4Ω
- Sound intensity: 110dB/1m (adjustable)

ACOUSTIC

WALL MOUNTING

IP55

dimensions (W x H x D) 106,0 x 140,0 x 73,0 mm

weight 700 g

P/N 7322255

TRILLO 201T/E



Telephone and bell ringer

- Weatherproof IP55 protection
- External power supply not required
- Loud ringer up to 95dB/1m
- Adjustable volume and melody
- Different sounds for telephone and bell calls
- Minimum ring voltage: 10V
- Ring frequency range: 20 to 60Hz or 16 to 60Hz
- Bell input: 12 to 24VAC - 48VDC

ACOUSTIC

WALL MOUNTING

IP55

dimensions mm (W x H x D) 106,0 x 140,0 x 73,0

weight 500 g

P/N 7322260

TRILLO FLASH 201T/E-CLEAR



Weatherproof telephone and bell ringer with XENON flashing lamp

- Clear colour lens
- Maximum acoustic output: 95dB/1m
- Power supply: 48VDC
- Operation modes: acoustic & optical, acoustic only, optical only
- Different sounds for telephone and bell calls
- Minimum ring voltage: 10V
- Ring frequency range: 20 to 60Hz or 16 to 60Hz
- Bell input: 10 to 24VAC - 10 to 48VDC - dry contact

ACOUSTIC / LUMINOUS

WALL MOUNTING

IP55

dimensions (W x H x D) 106,0 x 140,0 x 120,0 mm

weight 550 g

P/N 7322360

TRILLO FLASH 201T/E-AMBER



Weatherproof telephone and bell ringer with XENON flashing lamp

- Amber colour lens
- Maximum acoustic output: 95dB/1m
- Power supply: 48VDC
- Operation modes: acoustic & optical, acoustic only, optical only
- Different sounds for telephone and bell calls
- Minimum ring voltage: 10V
- Ring frequency range: 20 to 60Hz or 16 to 60Hz
- Bell input: 10 to 24VAC - 10 to 48VDC - dry contact

ACOUSTIC / LUMINOUS

WALL MOUNTING

IP55

dimensions (W x H x D) 106,0 x 140,0 x 120,0 mm

weight 550 g

P/N 7322230

TRILLO FLASH 201T/E-ORANGE



Weatherproof telephone and bell ringer with XENON flashing lamp

- Orange colour lens
- Maximum acoustic output: 95dB/1m
- Power supply: 48VDC
- Operation modes: acoustic & optical, acoustic only, optical only
- Different sounds for telephone and bell calls
- Minimum ring voltage: 10V
- Ring frequency range: 20 to 60Hz or 16 to 60Hz
- Bell input: 10 to 24VAC - 10 to 48VDC - dry contact

ACOUSTIC / LUMINOUS

WALL MOUNTING

IP55

dimensions (W x H x D) 106,0 x 140,0 x 120,0 mm

weight 550 g

Analog

WEATHERPROOF

P/N 7332400

R140A RAINBOW



Weatherproof acoustic/luminous repeater for telephone and intercom calls with relay and RGB LED lamp

- Adjustable volume up to 120dB/1m
- Power supply: 230VAC
- LED RGB lamp
- IP66 protection

ACOUSTIC / LUMINOUS

WALL MOUNTING

IP66

230VAC power supply

dimensions (W x H x D) 240,0 x 189,0 x 152,0 mm

weight 4,5 kg

P/N 7332410

R140A RAINBOW



Weatherproof acoustic/luminous repeater for telephone and intercom calls with relay and RGB LED lamp

- Adjustable volume up to 120dB/1m
- Power supply: 115VAC
- LED RGB lamp
- IP66 protection

ACOUSTIC / LUMINOUS

WALL MOUNTING

IP66

115VAC power supply

dimensions (W x H x D) 240,0 x 189,0 x 152,0 mm

weight 4,5 kg

P/N 7332411

R140A RAINBOW



Weatherproof acoustic/luminous repeater for telephone and intercom calls with relay and RGB LED lamp

- Adjustable volume up to 120dB/1m
- Power supply: 24÷60VDC
- LED RGB lamp
- IP66 protection

ACOUSTIC / LUMINOUS

WALL MOUNTING

IP66

24÷60VDC power supply

dimensions (W x H x D) 240,0 x 189,0 x 152,0 mm

weight 4,5 kg

P/N 6535210

CH49 AUTOMATIC / MANUAL SWITCH



CH49 allows two telephone sets (telephone, fax, modem, etc.) to be used on a single telephone line without interference and with total secrecy of conversation.

In automatic operation, when one of the two devices engages the line, the other is automatically excluded.

In manual operation it acts like a normal 2-way switch.

It is not polarized and therefore no telephone cable polarity must be observed.

An important feature is that CH49 guarantees conversation secrecy even in special internal installations, as it interrupts both line wires of the excluded device.

dimensions (W x H x D) 94,0 x 53,0 x 94,0 mm

weight 110 g

Analog

INDOOR

P/N 2964210

RJ12 MODULAR WALL SOCKET



RJ12 modular wall socket made of robust beige plastic

It can be affixed to the wall by means of a strong double-sided adhesive backing (supplied in the package) or by means of two screws with dowels.

WALL MOUNTING

dimensions (W x H x D) 50,6 x 20,3 x 57,3 mm

weight 35 g

P/N 7544942

AXF942



Anti-twister kit for telephone cord

It prevents the phone cable from twisting during the use of the telephone.

- RJ11 plug/connector

ACCESSORIES

dimensions (W x H x D) 10,0 x 15,0 x 48,0 mm

weight 5 g

Analog

WEATHERPROOF

P/N 8343101

IMS1892PS



Magnetic switch with 2 stable positions (PS)

- Activation distance: 150mm
- Power of cut AC 50-60Hz: 3A - 220VAC max.
- Power of cut DC: 0,5A - 75VDC max.

IP65

- 20°C to + 70°C

dimensions (W x H x D) 246,0 x 173,0 x 55,0 mm

weight 3,4 kg

P/N 8343110

IMS1892PS-INOX



Sealed stainless steel case magnetic switch with 2 stable positions (PS)

- Activation distance: 150mm
- Power of cut AC 50-60Hz: 3A - 220VAC max.
- Power of cut DC: 0,5A - 75VDC max.

IP65

- 20°C to + 70°C

dimensions (W x H x D) 250,0 x 177,0 x 48,0 mm

weight 5,2 kg

P/N 8343201

IMS1892RA



Magnetic switch with automatic resetting (RA)

IP65

- 20°C to + 70°C

dimensions (W x H x D) 246,0 x 173,0 x 55,0 mm

weight 3,4 kg

P/N 8343102

IMS1919PS



Magnetic switch with 2 positions (PS)

IP65

dimensions (W x H x D) 97,0 x 270,0 x 54,0 mm

weight 2,0 kg

Analog

WEATHERPROOF

P/N 8343202

IMS1919RA



Magnetic switch with automatic resetting (RA)

IP65

dimensions (W x H x D) 97,0 x 270,0 x 54,0 mm

weight 2,0 kg

P/N 8341101

IMS1927A50/N



Permanent magnet inductor with NORTH polarity (N)

- Activation distance: 110mm

IP68

- 20°C to + 90°C

dimensions (W x H x D) 190,0 x 105,0 x 105,0 mm

weight 3,65 kg

P/N 8341102

IMS1927A50/S



Permanent magnet inductor with SOUTH polarity (S)

- Activation distance: 110mm

IP68

- 20°C to + 90°C

dimensions (W x H x D) 190,0 x 105,0 x 105,0 mm

weight 3,65 kg

P/N 8341103

IMS1927A36/N



Permanent magnet inductor with NORTH polarity (N)

- Activation distance: 60mm

IP68

- 20°C to + 90°C

dimensions (W x H x D) 150,0 x 80,0 x 70,0 mm

weight 1,4 kg

Analog

WEATHERPROOF

P/N 8341104

IMS1927A36/S



Permanent magnet inductor with SOUTH polarity (S)

- Activation distance: 60mm

IP68

- 20°C to + 90°C

dimensions (W x H x D) 150,0 x 80,0 x 70,0 mm

weight 1,4 kg

P/N 8341201

IMS1895



Permanent magnet inductor

- Activation distance: 180mm

IP68

- 20°C to + 90°C

dimensions (W x H x D) 258,0 x 77,0 x 68,0 mm

weight 3,0 kg

P/N 8341202

IMS1922



Permanent magnet inductor

- Activation distance: 60mm

IP68

- 20°C to + 90°C

dimensions (W x H x D) 200,0 x 60,0 x 60,0 mm

weight 1,3 kg

P/N 8342201

IMS1975 230VAC



230VAC electromagnetic inductor

- Activation distance: 180mm

IP65

dimensions (W x H x D) 330,0 x 100,0 x 108,0 mm

weight 7,2 kg

Analog

WEATHERPROOF

P/N 8344213

CAUTOR 2010 FS RAILWAY DETECTOR



One-way electromechanical treadle for detecting the presence of a train travelling along the track and for controlling all functions related to its passage:

- Level crossing (gate and lights control)
- Signal control
- Signal light activation as the train approaches
- Points control in marshalling yards

The device is installed using an iron fixing support clamped to the base of the rail (P/Ns: 8344901, 8444902, 8344903).

- 30°C to + 70°C

CAT. RFI 831/5380

dimensions (W x H x D) 370,0 x 160,0 x 250,0 mm

weight 7,6 kg

P/N 8344133

FORFEX 2010 FS RAILWAY DETECTOR



Two-way electromechanical treadle for detecting the presence of a train travelling along the track and for controlling all functions related to its passage:

- Level crossing (gate and lights control)
- Signal control
- Signal light activation as the train approaches
- Points control in marshalling yards

The device is installed using an iron fixing support clamped to the base of the rail (P/Ns: 8344901, 8444902, 8344903).

- 30°C to + 70°C

CAT. RFI 831/5370

dimensions (W x H x D) 375,0 x 170,0 x 250,0 mm

weight 11,2 kg

P/N 8344912

OIL REFILL



340g single dose hydraulic oil refill for CAUTOR (P/N 8344213) and FORFEX (P/N 8344133) railway detectors.

CAT. RFI 831/5540 - 831/5550

dimensions (W x H x D) 10,0 x 19,0 x 5,0 mm

weight 340 g

P/N 8344922

CONNECTOR WITH CABLE



Connector with 3,2m cable length for CAUTOR and FORFEX railway detectors.

CAT. RFI 831/5480

dimensions (W x H x D) 63,0 x 30,0 x 67,0 mm

weight 1,14 kg

P/N 8344901

IRON FIXING SUPPORT



Iron fixing support for 30-40Kg/m rail for CAUTOR (P/N 8344213) and FORFEX (P/N 8344133) railway detectors.

dimensions (W x H x D) 546,0 x 155,0 x 294,0 mm

weight 14,0 kg

P/N 8344902

IRON FIXING SUPPORT



Iron fixing support for 40-55Kg/m rail for CAUTOR (P/N 8344213) and FORFEX (P/N 8344133) railway detectors.

weight 14,0 kg

P/N 8344903

IRON FIXING SUPPORT



Iron fixing support for 55-65Kg/m rail for CAUTOR (P/N 8344213) and FORFEX (P/N 8344133) railway detectors.

dimensions (W x H x D) 535,0 x 187,0 x 360,0 mm

weight 14,5 kg

CAT. RFI 831/5440

P/N 8344001

CAPTATORE DI BORDO ATM RO 2300/1001



Two-way on-board railway detector

dimensions (W x H x D) 290,0 x 205,0 x 170,0 mm

weight 4,75 kg

P/N 8344000

UNITA' DI RICONOSCIMENTO BANCHINA S.E.Q.



Platform railway detector for railways and subways

dimensions (W x H x D) 300,0 x 175,0 x 312,0 mm

weight 6,2 kg

P/N 8451202

Programming Kit for VEROLINE Positioning and Identification Sensor



Programming Kit H68 with remote control, switcher and supplying control signal.

- Specific suitable PC software
- DB-9 connection
- Power supply provided with a 9VDC battery
- Possibility to have the programming Kit for VEROLINE P.I. Plus
- Sensor type MOUSE format RDC Fitre ref. 8451236

Analog

WEATHERPROOF

P/N 8451200

VEROLINE Positioning and Identification Sensor



Contactless sensor for Positioning and Identification of Cranes and Coke Plant Machines.

IP65

- 20°C + 50°C

dimensions (W x H x D) 250,0 x 170,0 x 250,0 mm

weight 4,5 kg

P/N 8451211

VEROLINE Positioning and Identification HEAD



Positioning and Identification HEAD with mechanical and thermal protection.

POSITIONING FUNCTION (MAGNETIC):

- Working temperature: - 50°C + 220°C
- Double magnet Ne Fe B type

IP66

- 50°C + 220°C

- 20°C + 80°C

IDENTIFICATION FUNCTION (RFID):

- Working temperature: - 20°C + 80°C
- TAG format H68 (160°C during 1h 30')

dimensions (W x H x D) 125,0 x 250,0 x 70,0 mm

weight 1,1 kg

P/N 8451216

VEROLINE Positioning and Identification PLUS Sensor



Contactless sensor for Positioning and Identification of HIGH SPEED Cranes and Coke Plant Machines.

- Power supply: 24VDC
 - RFID 13,56 MHz frequency
 - Range between sensor and P.I. Head RDC: 90mm nominal
- When passing through the magnetic field of the P.I. HEAD RDC the sensor supplies:
- an analog signal 4÷20mA allowing an accurate positioning
 - an identification number on the serial output RS485A
 - a digital I/O
 - a potential free relay to check the sensor internal temperature

IP65

- 20°C + 70°C

dimensions (W x H x D) 401,0 x 406,0 x 120,0 mm

weight 8,2 kg

P/N 8451232

VEROLINE Positioning and Identification HEAD RDC-RFID Technology



HIGH SPEED Positioning and Identification HEAD with mechanical and thermal protection.

POSITIONING FUNCTION (MAGNETIC):

- Working temperature: - 50°C + 220°C
- Double magnet Ne Fe B type

IP66

- 50°C + 220°C

- 20°C + 80°C

IDENTIFICATION FUNCTION (RFID):

- Working temperature: - 20°C + 80°C
- TAG format RDC (160°C during 1h 30')

dimensions (W x H x D) 125,0 x 250,0 x 70,0 mm

weight 1,1 kg

Analog

WEATHERPROOF

P/N 8451228

VEROLINE Identification PLUS Sensor



Contactless sensor for Identification of HIGH SPEED Cranes and Coke Plant Machines such as Loco-Cars.

When passing through the RFID field of the I. HEAD RDC the sensor supplies:

- an identification number on the serial output RS485A
- a digital I/O
- Power supply: 24VDC
- RFID 13,56 MHz frequency
- Read distance up to 400mm
- Possibility to mount a special Glass Fiber Thermal Protection (P/N 8451208)

dimensions (W x H x D) 401,0 x 406,0 x 120,0 mm

weight 8,2 kg

IP65

- 20°C + 70°C

P/N 8451234

VEROLINE Identification HEAD RDC-RFID Technology



HIGH SPEED Identification HEAD with mechanical and thermal protection

IDENTIFICATION FUNCTION (RFID):

- Working temperature: - 20°C + 80°C
- TAG format RDC (160°C during 1h 30')

dimensions (W x H x D) 125,0 x 250,0 x 70,0 mm

weight 1,1 kg

IP66

- 20°C + 80°C

P/N 8451207

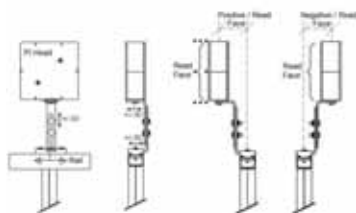
Mechanical Accessory for VEROLINE Positioning and Identification, Identification & PLUS HEAD



Inox straight adjusting and fixing block support for VEROLINE P.I. I. & PLUS HEAD

P/N 8451220

VEROLINE Positioning and Identification HEAD with Special Support



Positioning and Identification HEAD with mechanical, thermal protection and special X-Y-Z support for guide-coke with small space available.

POSITIONING FUNCTION (MAGNETIC):

- Working temperature: - 50°C + 220°C
- Double magnet Ne Fe B type

IDENTIFICATION FUNCTION (RFID):

- Working temperature: - 20°C + 180°C
- TAG format H68 (250°C during 1h 30')

dimensions (W x H x D) 160,0 x 60,0 x 160,0 mm

weight 1,4 kg

IP65

- 50°C + 220°C

- 20°C + 180°C

Analog

WEATHERPROOF

P/N 8451230

Connecting Box for VEROLINE Positioning and Identification Sensor



Connecting box unit RS485/IP Converter

- Aluminium light alloy box
- 24VDC power supply

IP66

dimensions (W x H x D) 264,0 x 314,0 x 122,0 mm

P/N 8451235

Thermal Accessory for VEROLINE Positioning and Identification, Identification & PLUS HEAD



Special Fiberglass Thermal protection FCP for VEROLINE P.I. I. & PLUS Sensor suitable for circulation of pressurized air.

P/N 8411mmm

MX 62



MX 62 is a 19"-rack multichannel gas detection controller providing a backup system to ensure an accurate analysis from the sensors to meet more and more specific requirements.

The structure of the MX 62 system has been developed to provide dual measurement: reliable data is passed quickly from the detectors to the relays.

- Redundant, modular, flexible and reliable
- Up to 128 channels
- Direct connections either on network or in loops
- WinPro® / MX 62 system configuration
- Password-protected configuration via PC

RACK MOUNTING**- 15°C to + 50°C**

P/N 8411fff

MX 16



The MX 16 is a compact digital or analog, 1 input, low-profile controller that continuously monitors gas detection and more generally to the processing of any 4-20mA, on/off or compatible digital signal.

The MX 16 measuring unit prevents the risks linked to the presence of toxic, anoxic and explosive gases in the ambient air.

- Analog or digital controller
- Easy to install
- 1 measurement line / up to 1 detector
- Integrated relays
- RS-485 Signal Output MODBUS RTU (optional)

dimensions (W x H x D) 265,0 x 229,0 x 96,0 mm

weight 1,8 kg

WALL MOUNTING

IP55

- 20°C to + 50°C

P/N 8411nnn

CTX 300



CTX 300 is a gas detector which can detect O₂, CO₂, toxic and refrigerant gases.

- Detection of toxic gases or oxygen
- Interchangeable and pre-calibrated sensor modules
- More than 30 different sensors are available to detect most toxic gases in the industry
- Highly visible backlight LCD display unit (optional)
- Suitable for harsh environments
- Up to 5 years of life for O₂ sensor
- EN14624 compliant with regards to R134a monitoring

dimensions (W x H x D) 130,0 x 136,0 x 69,0 mm

weight 520 g

WALL MOUNTING

IP54

- 40°C to + 50°C

Safety

EXPLOSION-PROOF

P/N 8411ggg

MX 32



The MX 32 is a compact analog and digital low-profile controller that continuously monitors gas detection, including 4-20mA, dry logic input, MODBUS RS485 signal from compatible detectors.

The MX 32 measuring unit prevents the risks linked to the presence of toxic, anoxic and explosive gases in the ambient air.

- Analog and digital controller
- Up to 8 detectors
- Fully scalable
- SIL 1 reliability
- RS-485 signal output MODBUS RTU

dimensions (W x H x D) 265,0 x 266,0 x 96,0 mm

weight 1,8 kg

WALL MOUNTING

IP55

- 20°C to + 50°C

ATEX

P/N 8411hhh

MX 43



The MX 43 is an analog and digital gas detection controller that continuously measures and controls gases in the atmosphere.

The MX 43 gas detector manages both digital lines and analog channels, and covers all needs for a wide variety of gas monitoring applications.

The MX 43 digital technology allows up to 32 detectors to be distributed on 8 lines for increased cost savings.

- Analog and digital controller
- 4 or 8 lines / 16 to 32 detectors max.
- Highly versatile controller
- SIL 1 reliability

dimensions (W x H x D) 370,0 x 299,0 x 107,0 mm

weight 4,0 kg

WALL/RACK MOUNTING

IP55

- 20°C to + 50°C

ATEX

P/N 8411ppp

OLC(T) 20



The OLC(T) 20 series of gas detectors are designed for indoor or outdoor facility monitoring and other applications to accommodate your gas detection requirements. The stainless steel detector provides protection and resistance to corrosive agents.

The precalibrated sensors of the OLC(T) 20 can be disconnected by turning the head of the unit.

- Intrinsically Safe (IS) and XP approved
- Small in size
- Resistant to corrosion
- Pre-calibrated sensor unit

dimensions (W x H x D) 60,0 x 130,0 x 53,0 mm

weight 800 g

IP66

- 25°C to + 60°C

ATEX and IECEx

P/N 8411qqq

OLCT 60



The OLCT 60 gas detector series is rugged and resistant to corrosion, made of 316L stainless steel. This generation of high quality gas detectors is designed for the detection of flammable, toxic gases or oxygen.

The OLCT 60 Series is available in several versions:

- explosion-proof XP or intrinsically safe IS sensor (combustible, toxic or oxygen versions)
- remote or on-board sensor

Pre-calibrated sensors / Non-intrusive calibration / Infrared version

dimensions (W x H x D) 134,0 x 180,0 x 125,0 mm

weight 2,1 kg

IP66

- 20°C to + 60°C

ATEX and IECEx

P/N 8411xxx

OLCT 80



The OLCT 80 is a field detector/transmitter allowing a wireless connectivity in ATEX 1 zones.

- Detectors-transmitters for flammable (LEL catalytic and IR), toxic gases and oxygen
- Non-intrusive operation via intrinsically safe infrared remote control
- Remote versions available XP, IS
- Integrated relays
- Direct link, 4-20mA, loop and isolated sensor mode
- Alarms: 2 programmable thresholds per channel
- Power supply: 16÷28VDC at transmitter entry

dimensions (W x H x D) 261,5 x 224,8 x 110,0 mm

weight 3,5 kg

IP66

- 20°C to + 60°C

ATEX and IECEx

P/N 8411yyy

OLCT 100



The OLCT 100 is a toxic and combustible gas detector designed for the detection of explosive gases, toxic gases or oxygen.

- 4-20mA analog transmitter without display
- SIL2 capability for LEL, O₂, CO, H₂S, NH₃, CO₂
- Designed for industrial applications
- Available with electrochemical, infrared or semiconductor sensors
- Available in explosion-proof or intrinsically safe and stainless steel
- Supply voltage: 10÷32VDC
- Average consumption: from 23.5mA to 340mA
- Cable: 2 active wires, shielded cable / 3 active wires, shielded cable
- Cable entry: M20 or ¾ NPT

dimensions (W x H x D) 138,0 x 179,0 x 84,0 mm

weight 1,0 kg

IP66

- 40°C to + 70°C

ATEX and IECEx

Safety

EXPLOSION-PROOF

P/N 8411ddd

T40 II RATTLER



The T40 II Rattler® single gas detector is primarily used to keep personnel safe by detecting the presence of hydrogen sulfide (H2S) or carbon monoxide (CO), in a serviceable, maintainable and compliance instrument.

- CO, H2S, O2 electrochemical sensor technology
- Polycarbonate with a protective rubber over mold
- 3 colours available: orange, yellow and black
- Ultra-fast sensor response
- Automatic self-test
- Data and event logging
- Multiple sensor range options with high accuracy

dimensions (W x H x D) 60,0 x 82,0 x 27,0 mm

weight 85 g

IP66 / IP68

- 40°C to + 50°C

ATEX and IECEx

Single gas detector

P/N 8411ccc

TANGO TX1



DualSense® Technology increases worker safety by using 2 sensors to detect the same gas

- CO, CO/H2, H2S, NO2, SO2 electrochemical sensor technology
- Guaranteed for Life™ with replaceable sensors and batteries that extends the life of the instrument
- Optional AlarmAmp™ increases audible alarms to 110dB
- Acknowledgeable gas alerts
- Case top: polycarbonate with a protective rubber over mold
- Case bottom: conductive polycarbonate
- 2-button keypad • Segment liquid crystal display (LCD)
- 3.6V primary lithium-thionyl chloride (Li-SOCl2) battery

dimensions (W x H x D) 51,0 x 99,0 x 35,0 mm

weight 126 g

IP66 / IP67

- 40°C to + 50°C

ATEX and IECEx

Single gas detector

P/N 8411bbb

TANGO TX2



The Tango® TX2 is the most accurate 2-gas monitor featuring individual sensors that increase alarm accuracy.

- CO, CO/H2, H2S, NO2, SO2 electrochemical sensor technology
- Protects workers, reduce false alarms, and spend less time managing your gas detector fleet with the Tango TX2
- A 2-year runtime and replaceable battery simplify gas detection management by eliminating the need for charging infrastructure
- Case top: polycarbonate with a protective rubber over mold
- Case bottom: conductive polycarbonate
- 2-button keypad • Segment liquid crystal display (LCD)
- 3.6V primary lithium-thionyl chloride (Li-SOCl2) battery

dimensions (W x H x D) 51,0 x 99,0 x 35,0 mm

weight 126 g

IP66 / IP67

- 40°C to + 50°C

ATEX and IECEx

Multi-gas detector

P/N 8411277

VENTIS MX4

DSX Docking Station available



The Ventis® MX4 is a 4-gas monitor with the portability and size of a single-gas monitor.

- Detect up to 4 of these gases with a wide range of sensor options: LEL (methane), LEL (pentane), CO, H2S, O2, CO/H2 low, SO2, NO2
- Polycarbonate with protective rubber over mold
- Backlit liquid crystal display (LCD)
- Select alarm set points, set latch alarms, disable instrument shutdown while in alarm and more
- Available with or without an integral pump, or with the Ventis slide-on pump for ultimate flexibility

dimensions (W x H x D) 67,0 x 172,0 x 66,0 mm

weight 380 g

IP66 / IP67

- 20°C to + 50°C

ATEX and IECEx

Multi-gas detector

Safety

EXPLOSION-PROOF

P/N 8411aaa

VENTIS PRO5

DSX Docking Station available



The Ventis® Pro5 is a 5-gas monitor giving you the power to monitor up to 5 gases simultaneously and manage worker safety any time, anywhere.

- Take the guesswork out of gas detection by setting custom, actionable alarms for up to five of the following gases: LEL (Methane), LEL (Pentane), Cl₂, CO, CO₂, H₂S, HCN, NO₂, NH₃, O₂, PH₃, SO₂ and VOCs
- Polycarbonate with protective rubber over mold
- 2 buttons for operation • 1 dedicated panic button
- Backlit liquid crystal display (LCD)
- Data log with at least 3 months and 60 alarm events

dimensions (W x H x D) 67,0 x 172,0 x 65,0 mm

weight 390 g

IP68

- 40°C to + 50°C

ATEX and IECEx

Multi-gas detector

P/N 8411www

DSX DOCKING STATION



The DSX Docking Station™ is an automated maintenance, data storage logging and fleet management for gas detectors that adapts to your business needs.

The docking station offers automatic charging, bump testing and automatic calibration.

- Compatible with Ventis MX4 (P/N 8411277) and Ventis PRO5 (P/N 8411aaa)
- 3 versions available: DSX standalone, DSX-L and DSX-i
- 128x64 dot matrix LCD display • Multilingual mode
- 10/100 Ethernet support, category 5 RJ45 connection
- Power supply rating: 100-240VAC / 12VDC • Current rating: 5A

dimensions (W x H x D) 24,9 x 16,9 x 27,3 mm

- 0°C to + 50°C

P/N 8411zzz

MX6 IBRID



The MX6 Ibrid® is an advanced and adaptable 6-gas monitor capable of detecting oxygen, toxic, combustible gases and volatile organic compounds (VOCs) with the help of hundreds of sensor combinations and configurations.

- Lexan/ABS/stainless steel with protective rubber over mold
- 24 "Plug-and-Play" field-replaceable sensors including PID and Infrared options
- 95dB audible alarm
- Optional integral sampling pump with strong 30.5m sample draw
- Full-colour graphic backlit LCD display • 5-way navigation button

dimensions (W x H x D) 77,0 x 193,0 x 56,0 mm

weight 511 g

IP64

- 20°C to + 55°C

ATEX and IECEx

Multi-gas detector

P/N 8411eee

RADIUS BZ1



Radius® BZ1 is an area monitor designed to protect worksite from gas hazards.

- Detects up to 7 gases using 22 sensor options including PID
- Longest running area monitor with a typical run-time of 7 days (168 hours)
- Audible alarms sound at 108dB at 1m to cut through high-noise environments
- All-weather sensor deployment and 360-degree gas path for more accurate detection
- DualSense® technology increases worker safety by using 2 sensors to detect the same gas

dimensions (W x H x D) 290,0 x 550,0 x 290,0 mm

weight 7,5 kg

IP66

- 20°C to + 55°C

ATEX and IECEx

Area monitor

Analog

WEATHERPROOF

P/N 7431300

SNOW BIP RT3



Analog/digital electronic avalanche transceiver with acoustic and visual display indication (distance, direction and signal strength) for guided search of missing persons.

Earphones, harness and batteries included.

- 2-antenna system
- Transmission and reception radio frequency: 457kHz
- Max. range: 60 to 100 metres; accuracy: <30cm at 2 metres depth
- Autonomy: over 450 hours of operation in transmission, plus 10 hours of operation in search mode

dimensions (W x H x D) 75,0 x 135,0 x 25,0 mm

weight 255 g (batte

HANDSFREE

IP67

- 30°C + 55°C

P/N 7431191

SNOW BIP RT75A/II



Analog electronic avalanche transceiver with acoustic indication (distance, direction and signal strength) for guided search of missing persons.

- Transmission and reception radio frequency: 457kHz
- Max. range: 60 to 100 metres; accuracy: <30cm at 2 metres depth
- Autonomy: over 18 days of operation in transmission, plus 5 hours of operation in search mode
- Signal reception: acoustic on integrated loudspeaker and on optional earpiece
- Power supply: 2 x 1.5V LR6 type batteries

dimensions (W x H x D) 80,0 x 135,0 x 25,0 mm

weight 280 g (batte

HANDSFREE

IP67

- 20°C + 40°C

P/N 7431158

EARPIECE FOR SNOW BIP RT75A/II



Earpiece for SNOW BIP RT75A/II avalanche transceiver (P/N 7431191)

- Cable length: 1,5m

ACCESSORIES

weight 40 g

P/N 7128752

DECT300 - HANDSET



- HD audio support (G.722)
- 2" TFT display (176x220)
- Polyphonic ringtones
- Local phonebook (100 entries)
- Central (3000 entries) and Remote (through LDAP protocol) phonebooks
- 3 soft keys
- 3 side keys (Mute, Vol+, Vol-)
- 5-way navigation key
- Headset connector (3.5mm) G.722 codec for HD audio
- G.726 codec for standard audio

dimensions (W x H x D) 48,0 x 140,0 x 25,0 mm

weight 125 g

DESK MOUNTING

IP30

- 10°C to + 50°C

P/N 7549070

SEL3010IP - RADIO BASE



- GAP / CAP / CAT-iq DECT compatible radio base station
- Frequency band: 1880 – 1930 MHz (DECT)
1880 – 1900 MHz (10 carriers)
- 4 power levels (14, 17, 20 and 24dBm)
- Seamless handover using connection handover
- Up to 254 bases and 1000 DECT300 handsets (P/N 7128752)
- Up to 3 DECT113 repeaters (P/N 7128777) per base station
- Internal omni-directional antennas
- Indoor range: 50m • Outdoor range: 300m
- PoE 44-57v-IEEE802.3at
- Maximum power consumption: 5W

dimensions (W x H x D) 150,0 x 205,0 x 56,0 mm

weight 335 g

DESK MOUNTING

IP30

- 5°C to + 55°C

P/N 7128777

DECT113 - RADIO REPEATER



- Up to 3 repeaters per SEL3010IP base station (P/N 7549070) in daisy chain
- Wideband audio
- Automatic registration
- Indoor cabinet
- Manual mounting kit
- Easily mounting on walls
- 12 slot support
- Handling of 5 active narrow band calls simultaneously
- Handling of 2 active wide band calls simultaneously
- DECT encryption

dimensions (W x H x D) 120,0 x 135,0 x 35,0 mm

weight 126 g

WALL MOUNTING

IP30

- 10°C to + 50° C

P/N 7128793

ASD793



Recharging base for DECT300 handset with slot for additional battery

HANDSET

DESK MOUNTING

dimensions (W x H x D) 56,0 x 82,0 x 66,0 mm

weight 160 g

Analog

INDOOR

P/N 8211601

FREEVOICE 850



FreeVoice 850 is a pocket transceiver for the PMR446 (Private Mobile Radio, 446 MHz) service that enables communications using 16 channels arranged at 12.5kHz intervals on the 446 MHz frequency band (between 446.00625 and 446.09375 MHz).

Main features:

- 50 CTCSS codes - 104 normal and 104 inverted DCS code
- Scan function - Emergency call function
- Two dual-function keys for quick access to radio functions
- Time-Out Timer (TOT) function - Squelch level select
- VOX/PTT headset socket (P/N 8211614)

dimensions (W x H x D) 55,1 x 190,0 x 28,5 mm

weight 160 g

IP30

- 25°C to + 55°C

P/N 8211614

VOX/PTT HEADSET FOR FREEVOICE 850



VOX headset for handsfree transmission and PTT (Push-To-Talk) button for FreeVoice 850 pocket transceiver (P/N 8211601).

ACCESSORIES

weight 30 g

P/N 8211110

SEL1000



Booster amplifier for UHF band paging systems.

Manufactured in an elegant wall-mount housing, the SEL1000 is designed for connection to the SEL300 paging system to increase its transmission power by up to 5W.

The stylus antenna supplied with the SEL300 can be directly mounted on the SEL1000 and is sufficient for an adequate coverage.

- Output power: 5W
- Transmission frequency range: 440÷470MHz (UHF band)
- Input power: 30mW÷1W - 15÷30dBm
- Power supply: 12VDC (supplied)

dimensions (W x H x D) 70,0 x 95,0 x 30,0 mm

weight 245 g

WALL MOUNTING

0°C to + 70°C

P/N 8211210

CH440AR



Desktop charger for SEL440AR, complete with power supply

DESK MOUNTING

P/N 8219171

SEL260



Antenna for outdoor use, complete of 2m pole, clamps and 15m coaxial cable.

POLE MOUNTING

*Accessory for SEL1000
booster amplifier*

Analog

EXPLOSION-PROOF

P/N 8211720

DP4401Ex-ATEX UHF PORTABLE RADIO



Rugged, easy to use, non-display Motorola™ ATEX UHF portable radio for hazardous areas.

- Frequency band: UHF B1 (403÷470Mhz)
- Max. number of conversation channels or personality capacity: 32
- Power supply: 7.4V nominal
- Gas rating:
ATEX: Class II 2G Ex ib IIC T4 Gb
IECEX: Ex ib IIC T4 Gb
- Typical battery life: 19 hrs

IP67

-20°C to +55°C

ATEX and IECEX

dimensions (W x H x D) 56,7 x 138,5 x 37,8 mm

weight 455 g

P/N 8211721

PMLN6368-PTT ADAPTER PUSH BUTTON



Nexus™ PTT adapter designed to be used with MT7H79P3E-50 ATEX headset; it enables users with 0-360 degree rotating clothing clip.

-20°C to +55°C

ATEX and IECEX

P/N 8211722

MT7H79P3E-50 - ATEX HEADSET WITH MIC FOR HELMET



Peltor™ ATEX headset with high attenuation values.

It is suitable for helmet attachment and comes with changeable attachments to fit helmets.

- ATEX/IECEX approved for use in areas where intrinsic safety is required
- Dynamic noise cancelling microphone
- Sensitivity: -60dB+3dB (0dB=1V/Pa @ 1 kHz)
- Impedance: 230Ω +20% -10%
- 0.5–1.4m PU curled cable with connector type TP-120

HANDSFREE

-20°C to +55°C

ATEX and IECEX

P/N C920431B

UHF DRIS WIRELESS INTERCOM SET



ATEX Mobile Intercom Set composed by:

- DP4401Ex Motorola™ ATEX portable radio (P/N 8211720) rugged, easy to use, non-display UHF portable radio for hazardous areas
- MT7H79P3E-50 Peltor™ ATEX headset (P/N 8211722) suitable for helmet attachment and comes with changeable attachments to fit helmets
- PMLN6368 Nexus™ ATEX PTT adapter push button (P/N 8211721) PTT adapter designed to be used with MT7H79P3E-50 ATEX headset

- 20°C to + 55° C

ATEX and IECEX

IP protection ratings decoding table

IEC EN 60529 harmonized standard

1st digit: protection against penetration of dust or solid objects

2nd digit: protection against penetration of water

0 no special protection

0 no special protection

1 solid foreign objects > 50,0 mm

1 vertically dripping water

2 solid foreign objects > 12,0 mm

2 direct sprayed water (up to 15° from the vertical)

3 solid foreign objects > 2.5 mm

3 direct sprayed water (up to 60° from the vertical)

4 solid foreign objects > 1.0 mm

4 splashed and direct sprayed water (from all directions)

5 limited ingress of dust

5 low pressure water jets (from all directions)

6 complete protection against ingress of dust

6 strong water jets or sea waves

7 temporary immersion in water

8 continuous submersion in water

9 high pressure water jets with high temperature

Classification table for apparatus in explosive areas

ATEX 2014/34/EU Directive

Group I: mines and their surface plants

Group II: other sites with explosive gas atmosphere

| | cat. M1 | cat. M2 | cat. 1 | cat. 2 | cat. 3 |
|----------------------|---------------------------|---------------------------|------------------------------|------------------------------|------------------------------|
| explosive atmosphere | present | probably present | always present | probably present | normally not present |
| kind of substance | methane, combustible dust | methane, combustible dust | gases, mists, vapours, dusts | gases, mists, vapours, dusts | gases, mists, vapours, dusts |
| protection level | very high | high | very high | high | normal |
| zone correlation | | | gas zone 0 - dust zone 20 | gas zone 1 - dust zone 21 | gas zone 2 - dust zone 22 |

Zone definition

| Gas | Dust | Probability of a potentially explosive atmosphere occurring |
|-----|------|---|
| 0 | 20 | Continuously, for long periods or frequently |
| 1 | 21 | Likely to occur |
| 2 | 22 | Infrequently and for short periods only |

example **CE XXXX** **Ex** **II 2 D Ex** **tb IIB T125°C Db**

| | | | | | | | | | |
|------------------------------|---------|---------------|--------------------|----------|---|------------|--|-------------------------------|----------------------------|
| areas with combustible dusts | CE mark | notified body | product group | category | explosionproof protection | dust group | A = flammable fibres B = non conductive dust C = conductive dust | certified surface temperature | equipment protection level |
| | | | dust (D) - gas (G) | | protection modes: e = increased safety i = intrinsically safety m = moulding t = dust proof | gas group | (max) surface temperature class: T1= 450°C - T1= 300°C T3= 200°C - T4= 135°C T5= 100°C - T6= 85°C | | |

example **CE XXXX** **Ex** **II 2 G Ex ib mb IIB** **T4** **Gb**

| | | | | | | | |
|----------------------------|---------|---------------|--------------------|----------|--|--|----------------------------|
| areas with explosion gases | CE mark | notified body | product group | category | explosionproof protection | typical gas: A = methane, propane, ethane B = acrylic nitrile, ethylene C = hydrogen, acetylene | equipment protection level |
| | | | gas (G) - dust (D) | | a = G: zone 0 - D: zone 20 b = G: zone 1 - D: zone 21 c = G: zone 2 - D: zone 22 | | |

more about FITRE

Fitre is a manufacturer with an enviable experience in the industrial telecommunications sector, found in a very complete and wide range of products, offering the most advanced technical solutions for communications in Transports and Heavy Industries as Petrochemical, Power and Industrial Plants and other harsh environments. That is proven by countless worldwide installations.

Strongly focussed to provide real added value and creative problem-solving solutions to its Customers, **Fitre** often is partner with leading manufacturers to supply state-of-the-art products on the whole product range.

With its own Hardware and Software Laboratories, **Fitre** develops systems and equipment based on the most up to date communications technologies, both analogue than VoIP, and corresponding the most stringent certification standards.

It has to be particularly highlighted the Emergency Systems with centralized diagnostic, designed for applications in Oil & Gas Plants, Railway Stations, Tunnels and on-board trains, certified according to EN50155 & EN54-16 rules.

The heart of these systems is "**Astro System Manager**", a perfect integrated digital IP system, modular and flexible for optimally managing the communication services for all these applications.

With the own specific and distinguishing flexibility, each system may be configured meeting all the Customer's specifications, even developing special functions.

Astro is designed for operating as a stand-alone system and

has a modern IP based digital scalable architecture, either in software and in hardware, so that it offers the maximum level of flexibility and modularity and it can be expanded just adding software functions and/or hardware modules.

A common platform for managing both Intercom, Emergency and Public Address functions: thanks to this fully exploitable system setting, **Astro** is the perfect solution to fulfil every communication demands.

Everything is designed for meeting the high sophisticated demand in terms of safety and reliability, proposing redundant as well hierarchic architectures.

If that were not enough, **Fitre** guarantees the maximum level of flexibility and integration of the system respect to the functional point of view, configuring the "**Astro System Call Manager**" according to the Customer's specifications and providing the interfaces with the external systems (also supplied by others) through appropriate standard software tools. The operator has a real-time control of the system status and he can manage even by remote, through a standard Internet connection.

Even in case of long-distance connections between the LAN switch and the intercom/telephone stations, **Fitre** supports own Customers offering **ReteMatic**, the state-of-the-art technology based on two only wires connection, for transporting either the power supply voltage and the digital SIP protocols.

To satisfy all needs, **Fitre** manufactures a very wide range of station types: flush mounting, wall mounting and desk stations, weatherproof and vandal-proof, also with the required customized keys.

highlight



IF-PowerDrill

The most advanced Intercom and PAGA System for exploration Drilling Rigs



ASTRO PAGA

Public Address & General Alarm
EN 54-16
Certification



TASVoIP-952

Digital Emergency/Info
Call Telephone Point



TASVOICE 164/2

SOS Emergency
call point for
on-board Railway
applications



Explosion-proof VoIP Telephone and Intercom Stations

ATEX certified for Zone 1,
either with handset or hands-free,
fully suitable for the Oil & Gas world



Look online at the main
certifications of our Quality
System and our products



AC6528 • T00 • Complete ed. 202309.r25 eng A4 qrebv



CommunicationsFirst



see more on
fitresistemi.com



COMPANY WITH
**ISO 9001
CERTIFIED**
QUALITY SYSTEM



take a look at the
fitre.it website

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