



CATALOG APRIL 2023 REV.01

AUDIO PRODUCTS

INDUSTRIAL INTERCOM - SOUND DIFFUSION - PUBLIC ADDRESS & GENERAL ALARM (PAGA)



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AUDIO PRODUCTS

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GA-SR-B8
Basic



Galaxy Server basic version management for up to 8 users, 8 DI/DO, upon purchase of enabling licenses. Allows the communication with Gateway e TELEA Station Galaxy, TELEA intercom and third parts equipment if communicating with standard SIP (Upon compatibility test). Configuration and synoptic information by LCD monitor (not included) to be connected to VGA port. 230 Vac

GA-SR-B16
Basic

Galaxy Server basic version management as GA-SR-B8 but with 16 users, 16 DI/DO

GA-SR-WL03-STD
Standard

Standard Galaxy Server, for manage up to 24 users, 48 DI/DO, 2 Galaxy Stations, upon purchase of licenses. It offers the possibility to communicate with Gateway and TELEA Galaxy Station, TELEA Intercom and third's part devices if they communicate through SIP standard (upon test of compatibility). Configuration and synoptic information through LCD monitor (not included) to be connected to the VGA gate. Version: Standard Rack 1U, Power 230Vac. Operating temperature: -20°/60°C.

GA-SR-WL02-STD
Standard

Standard Galaxy Server as for GA-SR-WL03-STD but with operating temperature: 0-40°C

GA-SR-WL03-PRO
Professional



Professional Galaxy Server, for manage up to 48 users, 144 DI/DO, 4 Galaxy Stations, upon purchase of licenses It offers the possibility to communicate with Gateway and TELEA Galaxy Station, TELEA Intercom and third's part devices if they communicate through SIP standard (upon test of compatibility). Other features as GA-SR-WL03-STD.

GA-SR-WL02-PRO
Professional

Standard Galaxy Server as for GA-SR-WL03-PRO but with operating temperature: 0-40°C

GA-SR-WL03-ENT
Enterprise



Enterprise Galaxy Server, for manage up to 128 users, 256 DI/DO, 8 Galaxy Stations, also with the visualization of images coming from cameras, upon purchasing of licenses. It offers the possibility to communicate with Gateway and TELEA Galaxy Station, TELEA Intercom and third's part devices if they communicate through SIP standard (upon test of compatibility). Configuration and synoptic information through LCD monitor (not included) to be connected to the VGA port, or through PC connected to the net with Remote Management Software provided. Possibility to redundant configuration upon purchase of Galaxy Server Alert. Possibility to interface with industrial automation systems with communication Protocols to be defined, upon purchase of license. Version: Standard Rack 1U, Power 230Vac. Operating temperature: -20°/60°C

GA-SR-WL02-ENT
Enterprise

Standard Galaxy Server as for GA-SR-WL03-ENT but with operating temperature: 0-40°C

15A059A0

Rack mount for Galaxy Server GA-SR-WL series, 2U. It allows the mounting inside cabinet standard rack 19".

BASE

- 8/16 ID
- Galaxy Station
- 8/16 DI / DO

STANDARD

- 24 ID
- Galaxy Station
- 48 DI / DO

PROFESSIONAL

- 72 ID
- 4 Galaxy Station
- 144 DI / DO
- Redundant configuration
- Remote management software

ENTERPRISE

- 128 ID
- 8 Galaxy station
- 256 DI / DO
- Redundant configuration
- Remote management software
- Additional protocols
- Video flow management

GA-ST-12NX01MIN
Standard



Galaxy Touch Station Standard, 11,6". Operator workstation for communication with TELEA Nexus intercom, gateway and third's part devices, based in on SIP standard protocol (after verification of compatibility). Suitable for professional use 24h/7days, fanless. Command based on virtual keyboard with touch screen commands. Gooseneck microphone and 8W loudspeaker integrated. 42 virtual synoptic positions (buttons/signals). SO Windows10, Intel CPU, resolution 1920x1080 pixel, Intel HD Graphics 500, 4GB memory, Storage 64GB (eMMC). LAN 100/1000 Mbps, Wifi 802.11*/c/b/g/n. Power supply 12vdc 5A included. It requires a connection to a Galaxy Telea Server. IP21 protection degree. Weight 7Kg. Operating temperature -10/+50°C

GA-ST-12NX02MIN
Standard



Galaxy Touch Station Standard, 11,6 as GA-ST-12NX01MIN but with hand microphone

GA-ST-15-03
Standard



Galaxy Touch Station Standard, 15", ratio 16:9. Workstation for the communication with Gateway and Station Galaxy TELEA, TELEA intercom and third's part devices, if communicating on SIP standard (after verification of compatibility). Suitable for professional use 24h/7days, fanless. Intel HD Graphics 620, based on virtual keyboard with touch screen commands, with frontal panel IP54. Gooseneck microphone and loudspeakers integrated. 42 virtual synoptic positions (buttons/signals). Memory: DDR4-2133 (SO-DIMM), max 2x16GB. Storage 500GB. LAN 10/100/1000 mbps, WLAN: 802.11 ac o 802.11 BGN Wifi. USB 2.0x2, USB 3.0x2. Webcam HD 2.0MP. Power supply: 100-240Vac, 65W. It requires a connection to a Galaxy Telea server license

GA-ST-15-03
Professional



Galaxy Touch Station Professional, 15", ratio 16:9. Workstation for the communication with Gateway and Station Galaxy TELEA, TELEA intercom and third's part devices, if communicating on SIP standard (after verification of compatibility). Suitable for professional use 24h/7days, fanless. Intel HD Graphics 620, based on virtual keyboard with touch screen commands, with frontal panel IP54. Gooseneck microphone and loudspeakers integrated. 84 virtual synoptic positions (buttons/signals). Maps management. Memory: DDR4-2133 (SO-DIMM), max 2x16GB. Storage 500GB. LAN 10/100/1000 mbps, WLAN: 802.11 ac o 802.11 BGN Wifi. USB 2.0x2, USB 3.0x2. Webcam HD 2.0MP. Power supply: 100-240Vac, 65W. It requires a connection to a Galaxy Telea server license

GA-ST-15-03
Enterprise



Galaxy Touch Station Enterprise, 15", ratio 16:9. Workstation for the communication with Gateway and Station Galaxy TELEA, TELEA intercom and third's part devices, if communicating on SIP standard (after verification of compatibility). Suitable for professional use 24h/7days, fanless. Intel HD Graphics 620, based on virtual keyboard with touch screen commands, with frontal panel IP54. Gooseneck microphone and loudspeakers integrated. 84 virtual synoptic positions (buttons/signals). Maps management. Video flow management. Memory: DDR4-2133 (SO-DIMM), max 2x16GB. Storage 500GB. LAN 10/100/1000 mbps, WLAN: 802.11 ac o 802.11 BGN Wifi. USB 2.0x2, USB 3.0x2. Webcam HD 2.0MP. Power supply: 100-240Vac, 65W. It requires a connection to a Galaxy Telea server license

GA-ST-19-03
Professional



Galaxy Touch Station Professional, 19,5". Workstation for the communication with Gateway and Station Galaxy TELEA, TELEA intercom and third's part devices, if communicating on SIP standard (after verification of compatibility). Suitable for professional use 24h/7days, fanless Capacitive 10-point multi-touchscreen, with IP54 compliant front panel, resolution 1600x900px Gooseneck microphone and loudspeakers integrated. Virtual keyboard with touch screen commands, 84 virtual synoptic positions (buttons/signals). Maps managemen Intel Core i5 processor, Integrated Graphics Intel HD Graphics 620, memories DDR4-2133 (SO-DIMM), max 2x16B. Storage 500GB. LAN 10/100/1000 mbps, WLAN: 802.11 ac o 802.11 BGN Wifi. USB 2.0x2, USB 3.0x2. Webcam HD 2.0MP. Power supply 100-240Vac / 19Vdc, 65W. It requires a connection to a Galaxy Telea server license

| | |
|---------------------------|---|
| GAL2_Lic_1ID | Activation Licenses for sigle ID (Gateway, Galaxy Station, intercom, phone and third parts devices if communicating on SIP) for Galaxy Server |
| GAL2_Lic_1IO | Activation Licenses for single I/O module connected to Galaxy Server 2.0 |
| GAL2_Lic_IFA | Activation Licenses for NEXUS intercom type A (1x GAL2_Lic_1ID) |
| GAL2_Lic_IFB | Activation Licenses for NEXUS intercom type B (1x GAL2_Lic_1ID + 1x GAL2_Lic_1IO) |
| GAL2_Lic_IFC | Activation Licenses for NEXUS intercom type C (2x GAL2_Lic_1ID + 1x GAL2_Lic_1IO) |
| GAL_Lic_PLC | Communication activation license on the Ethernet network between the Telea Galaxy platform and the customer's PLC/DCS for receiving commands for broadcasting recorded audio messages. ModBus_TCP protocol or other to be defined when ordering. Enabling license valid for the entire system |
| GAL2_Lic_AMP | Activation License for Audio Amplifier Remote Controller (add-on software for TELEA Galaxy Server). It allows remote control over IP of PMD series audio amplifier and advanced diagnostic function |
| GAL2-TEST-LINEE | Line Test Management License |
| GAL2_Lic_UPS | "UPS remote control" function activation license for GALAXY MASTER + ALERT server. Enables remote and automatic control of UPS on an Ethernet network |
| GAL_Map_1 | Elaborazione grafica mappe per compatibilità con Galaxy Station Telea. A carico del Cliente fornitura file mappa originale in formato dwg, jpeg, png |
| GAL2_Lic_REC | Activation License for Call Recorder (add-on software for TELEA Galaxy Server). It allows automatic audio recording of the calls made in the system. Access to recording through Galaxy Server Interface. It requires hardware capacity verification for storage sizing capacity |
| GAL2_Lic_AudioNote | SW license dedicated to recording and archiving of instant audio messages for Telea Galaxy |
| GAL2_Lic_1LOG | Activation Licenses for single LOGO module connected to Galaxy Server |
| GAL2_Lic_TSIP | License to activate Sip trunk communication between GALAXY server and client PBX postoffice. It requires preliminary verification by the customer regarding the availability of the functionality requested to bord PBX customer |

LICENSES & ADD-ON SOFTWARE

IF-NX-01EP035 (A)



Industrial VoIP Intercom IP65 NEXUS series, hands free half duplex communication, with 1 programmable direct call push button with status LED integrated. Supplied with panel microphone. VOIP communication with SIP protocol. Internal speaker: 4W RMS. Required power supply: 24Vdc@1A. Dimensions: 330x200x120 mm. Operating temperature: -15°C/+55°C. Connection to Galaxy Audio Server is required

IF-NX-01EP035-30 (C)

Industrial VoIP Intercom IP65 NEXUS series as IF-NX-01EP035 with additional booster amplifier 30W RMS for external loudspeaker

IF-NX-01EP025 (A)

Industrial VoIP Intercom IP65 NEXUS series, hands free half duplex communication, with 1 programmable direct call push button with status LED integrated. Supplied with soap microphone. VOIP communication with SIP protocol. Internal speaker: 4W RMS. Required power supply: 24Vdc@1A. Dimensions: 330x200x120 mm. Operating temperature: -15°C/+55°C. Connection to Galaxy Audio Server is required

IF-NX-01EP015 (A)

Industrial VoIP Intercom IP65 NEXUS series, hands free half duplex communication, with 1 programmable direct call push button with status LED integrated. Supplied with flexible gooseneck microphone at high sensitivity. VOIP communication with SIP protocol. Internal speaker: 8W RMS. Required power supply: 24Vdc@1A. Dimensions: 330x200x120 mm. Operating temperature: -15°C/+55°C. Connection to Galaxy Audio Server is required

IF-NX-08EP03D (B)



Industrial VoIP Intercom IP65 NEXUS series, hands free half duplex communication, with 8 programmable direct call push button with status LED integrated. Supplied with panel microphone. VOIP communication with SIP protocol. Internal speaker: 4W RMS. Required power supply: PoE+. Dimensions: 330x200x120 mm. Operating temperature: -15°C/+55°C. Connection to Galaxy Audio Server is required

IF-NX-08EP035 (B)

Industrial VoIP Intercom IP65 NEXUS series, hands free half duplex communication, with 8 programmable direct call push button with status LED integrated. Supplied with panel microphone. VOIP communication with SIP protocol. Internal speaker: 4W RMS. Required power supply: 24Vdc@1A. Dimensions: 330x200x120 mm. Operating temperature: -15°C/+55°C. Connection to Galaxy Audio Server is required

IF-NX-08EP035-30 (C)

Industrial VoIP Intercom IP65 NEXUS series, hands free half duplex communication, with 8 programmable direct call push button with status LED integrated. Supplied with integrated speaker 10W and additional booster amplifier 30W RMS for external loudspeaker. VOIP communication with SIP protocol. Required power supply: 24Vdc@3A. Dimensions: 330x200x120 mm. Operating temperature: -10°C/+55°C. Connection to Galaxy Audio Server is required

IF-NX-08EP025 (B)



Industrial VoIP Intercom IP65 NEXUS series, hands free half duplex communication, with 8 programmable direct call push button with status LED integrated. Supplied with soap microphone. VOIP communication with SIP protocol. Internal speaker: 4W RMS. Required power supply: 24Vdc@1A. Dimensions: 330x200x120 mm. Operating temperature: -15°C/+55°C. Connection to Galaxy Audio Server is required

IF-NX-08EP015 (B)

Industrial VoIP Intercom IP65 NEXUS series, hands free half duplex communication, with 8 programmable direct call push button with status LED integrated. Supplied with flexible gooseneck microphone at high sensitivity. VOIP communication with SIP protocol. Internal speaker: 8W RMS. Required power supply: 24Vdc@1A. Dimensions: 330x200x120 mm. Operating temperature: -15°C/+55°C. Connection to Galaxy Audio Server is required

T15A061A0

Steel Painted Dusthood for Telea Intercom series. Dimension (mm wtxhxd): 236x333x195max

IF-IP-FootPedal

Foot pedal switch for TELEA Intercom IF-NX series. It allows to make a half duplex conversation in hands free mode. Equipped with 4m cable with connector. Dimensions: 198x102x39mm

IF-NX-08NT015 (B)



Industrial VoIP intercom IP31 NEXUS series, desk mounting, hands free half duplex communication, with 8 programmable direct call push buttons with status LED integratd. Supplied with flexbile gooseneck microphone at high sensitivity. Voice over IP communication with SIP protocol. 8W internal speaker. Power supply: 24Vdc@3A. Dimensions: 325x260x110 mm. Supplied equipped with local junction box, power IN230Vac. Connection to Galaxy Audio Server is required

IF-NX-08NT015-30 (C)

Industrial VoIP intercom IP31 NEXUS series, desk mounting, hands free half duplex communication, with 8 programmable direct call push buttons with status LED integratd. Supplied with flexbile gooseneck microphone at high sensitivity. Voice over IP communication with SIP protocol. 8W internal speaker and additional booster amplifier 30W RMS for external loudspeaker. Power supply: 24Vdc@3A. Dimensions: 325x260x110 mm. Operating temperature: -15°/+55°C. Supplied equipped with local junction box, power IN230Vac. Connection to Galaxy Audio Server is required

IF-NX-16NT015 (B)**

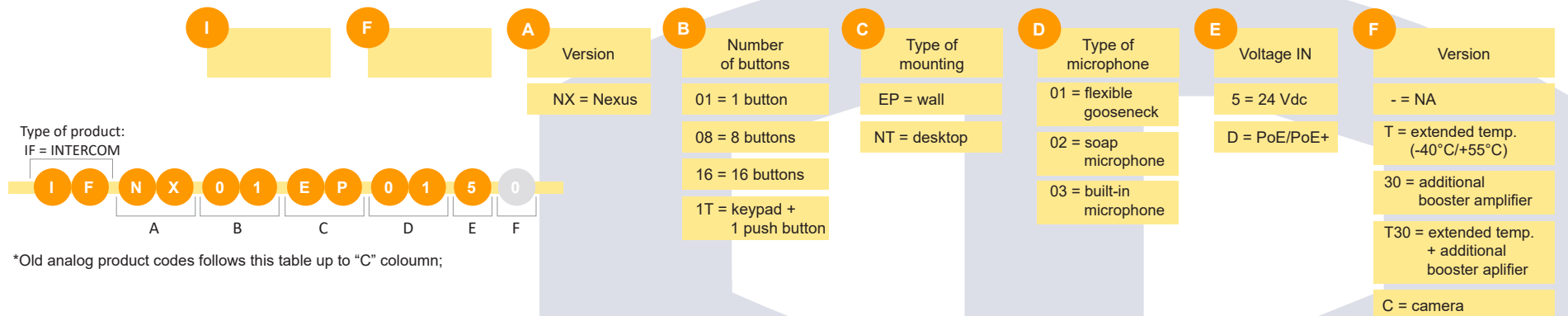


Industrial VoIP intercom IP31 NEXUS series, desk mounting, hands free half duplex communication, with 16 programmable direct call push buttons with status LED integratd. Supplied with flexbile gooseneck microphone at high sensitivity. Voice over IP communication with SIP protocol. 8W internal speaker. Power supply: 24Vdc@3A. Dimensions: 325x260x110 mm. Supplied equipped with local junction box, power IN230Vac. Connection to Galaxy Audio Server is required

IF-NX-16NT015-30 (C)**

Industrial VoIP intercom IP31 NEXUS series, desk mounting, hands free half duplex communication, with 16 programmable direct call push buttons with status LED integratd. Supplied with flexbile gooseneck microphone at high sensitivity. Voice over IP communication with SIP protocol. 8W internal speaker and additional booster amplifier 30W RMS for external loudspeaker. Power supply: 24Vdc@3A. Dimensions: 325x260x110 mm. Operating temperature: -15°/+55°C. Supplied equipped with local junction box, power IN230Vac. Connection to Galaxy Audio Server is required

** It requires license type B or C + 1GAL2_Lic_1ID



IF-IP-20EP04D



Wall-mounting heavy duty SIP industrial intercom equipped with 20 metal buttons keypad for selective call and handset with stainless steel cord. 3 memory keys + 1 dedicated to "Last call". Full duplex communication. Made of Polyamide 66. Power supply: PoE IEEE802,3af. Operating temperature: -25°C/+60°C. IP66 protection degree

IF-IP-15EP00



IP based wall mounting Industrial telephone/intercom with handset and stainless steel keyboard with 15 keys including 3 for special functions. Operating in selective/phone mode and general call. Hands-free functionality selectable. Equipped with back-light display for information and signaling. Stainless steel reinforced handset cable. SIP communication protocol. Menu programming via web browser. Electronic bell >90 dB at 1 meter adjustable. PoE (802.3af) or 12Vdc. IP66 protection. Structure shock & impact resistant made of GRP fiberglass reinforced polymer. Operating temperature: -10°/+75°C

IF-IPX210i



Visualization Paging Console Phone for industrial environment. 20 SIP lines. Equipped with gooseneck microphone, it supports HD hands-free calling. 4,3" color display + 2x3,5" side color displays for DSS keys. Keypad 77 keys, HD Handset (RJ9). 2xRJ45 10/100/1000Mbps, 1xUSB 2,0 ports. PoE enabled. Power supply: 5VDC @2A, consumption: 9W max (with PoE). Operating temperature: 0-45°C

D712

Desktop telephone with HD wideband audio, 4 SIP identities, backlit graphical display 4 lines, configurable function keys with LEDs. Supports XML browser, call lists, local directory with 1000 entries, multiple language. Interoperable with all major IP PBX platforms. IPv6 capable. 2-ports Ethernet switch 10/100Mbps. Dual-angle footstand: 46°/28°, wall mountable. Dimensions: 205x185x40mm (without footstand). Power supply: PoE IEEE802,3af (Class 1) or 5Vdc 10W

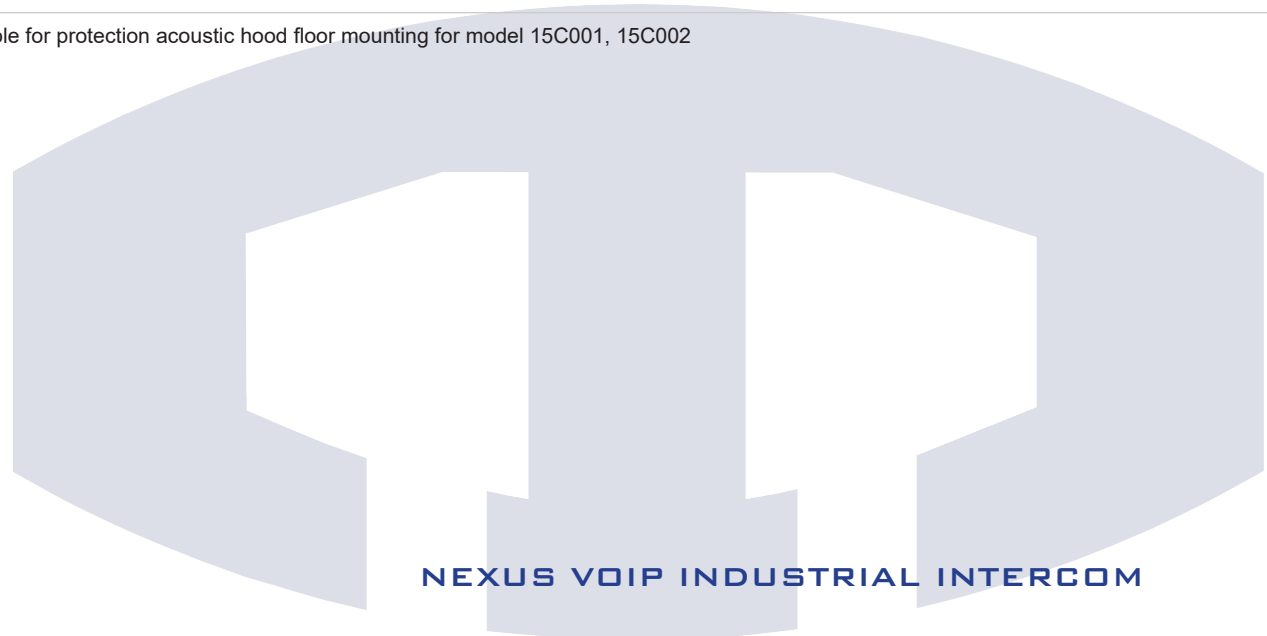
15C001



Weatherproof protection acoustic hood for telephone and intercom devices. Realized in Zinc plated and painted steel sheet. Color: Yellow (RAL 10213). Dimensions: 780x585x457mm. Weight: 36Kg. Noise absorption: Up to 25dB (A). Suitable for wall mounting or on pole (accessories not included)

15C005

Console for protection acoustic hood floor mounting for model 15C001, 15C002



NEXUS VOIP INDUSTRIAL INTERCOM

IF-AN-20EP04



Wall-mounting heavy duty analog industrial telephone intercom equipped with 20 metal buttons keypad for selective call and handset with stainless steel cord. 3 memory keys + 1 dedicated to "Last call". Full duplex communication. Made of Polyamide 66. Operating temperature: -25°C/+60°C. IP66 protection degree

IF-AN-00EP04



Wall-mounting heavy duty analog industrial telephone intercom equipped with handset with stainless steel cord. For direct calls to a predefined address. Full duplex communication. Made of Polyamide 66. Operating temperature: -25°C/+60°C. IP66 protection degree

 **T4FP-15333**



Explosion-proof industrial analog telephone wall mounting type. Certified: II2G Ex emb[ib] IIC T6 Gb, II2D Ex t IIIC T80°C IP66 Db, I M2 Ex emb[ib], I Mb -25°C≤Ta≤60°C. equipped with 20 metal buttons keypad for selective call and handset with stainless steel cord. 3 memory keys + 1 dedicated to "Last call". Made of polyamide 66, resistant to atmospheric agents. IP66 protection degree. Mechanical resistance according to STD EN 60079-0. Electronic bell adjustable up to 90 dB at 1 meter. Supply voltage: 24Vdc to 66Vdc. Dimensions: 245x225x129mm. Operating temperature -40°C/+70°C (-25°C/+60°C for IM2)

 **T4FP-15332**



Explosion-proof industrial analog telephone wall mounting type. Certified: II2G Ex emb[ib] IIC T6 Gb, II2D Ex t IIIC T80°C IP66 Db, I M2 Ex emb[ib], I Mb -25°C≤Ta≤60°C. Direct calling. Equipped with handset and stainless steel reinforced cord. Version without display and keyboard. Made of polyamide 66, resistant to atmospheric agents. IP66 protection degree. Mechanical resistance according to STD EN 60079-0. Electronic bell adjustable up to 90 dB at 1 meter. Supply voltage: 24Vdc to 66Vdc. Dimensions: 245x225x129mm. Operating temperature -40°C/+70°C (-25°C/+60°C for IM2)

GXW-4224v2



High-density 24 ports, SIP based analog VoIP gateway, fully interoperable with Galaxy TELEA audio communication system and leading IP-PBX and Softswitch systems. Interfaces 24xRJ11 FXS Ports and 1x 50-pin Telco connector. Network Interface 1x10M/100Mbps auto-sensing RJ45 Ports, led indicators Power,Ready, LAN,Ports.Power supply Output 12VDC Input 100-249VAC, 1.0A 50/60 Hz. Dimensions 445mm x 269mm x 44,5mm (1U)

VIP-156PE



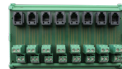
802.3af PoE SIP Analogue Telephony Adapter (ATA) - 2*RJ45 - T.38 FoIP

M-ATA-1A/EUI



Micro Analog Telephone Adapter; 1x FXS RJ1 1; 1x 10/100BaseTX, SIP. Power supply: 100-240Vac 50/60Hz. Operating temperature: 0-40°C. Dimensions: 9,7*4,2*1,9cm

15A007



Interface Module 8 lines, ideal for transformation or permutation by cable connection terminal RJ11. Supplied in board for mounting on DIN-rail

AUDIO AMPLIFIERS

PA-IP-10EP01

10W, AM booster amplifier, VOIP, with SIP protocol mod PA-IP Telea, 20KHz frequency response. Power over ethernet, setting and adjusting via webserver, Ethernet socket RJ45. Enclosure IP54 with choice of materials (aluminium, coated steel or polycarbonate).

GA-GW-A2



Galaxy Gateway 2 lines SIP 2.0 VoIP, supports 2 RTSP lines, web interface, audio IN / OUT. Power supply: PoE IEEE 802.3 af or 12-24Vdc @ 2A. Operating temperatures: -30/+60°C. Dimensions: 113x83x28mm

AW25R-DIN

Class D high-efficiency stereo amplifier with small and compact "Din Rail" design. Power 2x11W (stereo 4ohm + 4ohm) or 25W (mono 8ohm) . Power requirement 24Vdc

AW5612

Power amplifier (Booster), Rated power output: 120W, Tones control: 1. Bass tones: ±10dB (100Hz) 2. Treble tones: ±10dB (10kHz). Frequency response: 30+20,000Hz (-3dB), Sensitivity: 1250mV, Constant voltage outputs: 50-70-100V, Weight: 8.2 kg, Dimensions: 432x88x272 mm

AW5624



Power Amplifier (booster). Rated power output: 240W, Constant voltage outputs: 50-70-100V, Tones control: 1. Bass tones: ±10dB (100Hz) 2. Treble tones: ±10dB (10kHz), Sensitivity: 1250mV. Dimensions: 432x88x272 mm. Weight: 8,2 kg

AW5648

Amplification unit (EN54-16: 2008 certificate) from 480 W RMS, frequency response 30 / 20kHz, output voltages at 50/70/100V, power supply 230/115 Vac and 24 Vdc, high/low tone controls, regulation general volume, line input, sockets for RJ45 base connections (CAT5 SFTP). Equipped with protection against overloads and short-circuits (peak current limiting circuit, thermal switch located inside the power transformer, resettable thermal switch placed in contact with the power amplifier dissipator, mains fuses), fan cooling with automatic speed control

PMD125-V



EN54-16 certified modular audio amplifier 125W class D with diagnostic function. Power output 100V. Distortion <1%, frequency 80-20000Hz, low cut filter (-3dB) 330Hz. Dual RJ45 input connectors for audio IN/OUT and serial line. Control via RS485 or Ethernet line (use SSV5130 module - optional) from Telea Galaxy Server or CR8506-V

PMD250-V



Modular audio amplifier 250W RMS class D certified EN54-16. Includes card for internal control double line speakers A + B. Power supply 230 Vac or 24Vdc. Requires the use of the Std. Rack19" PMS2001 basket

PMD500-V

500W RMS compact Class D amplifier which includes the card for internal speaker line control A+B. Power supply 230Vca - 24Vcc. To be used inside PMS2001 Card-cage standard rack 19"

PMS2001

Basket for modular amplifiers PMW or PMD series mounting, height 3U standard 19". Suitable for containing n.2 500W amplifiers or n.4 250 / 125W amplifiers

ATR-1



1CH audio translator module. Supplied with DIN-Rail Mounting adaptor

ATR-3



3CH audio translator module

15A006

8 relay module for line switching or general applications. Supplied with adapter for DIN rail mounting

AUDIO AMPLIFIERS

HORN & LOUDSPEAKER

HORN & LOUDSPEAKER

Tesp80-8



Speaker 6W RMS wall protected against vandalism, impedance 8Ω. Speaker wide band with good reproduction of spoken language, very robust metal box, dimensions: 170x170x63mm

SPE-158/WS



Flush-mount speaker 15W 8Ohm, frequency range: 100-12,000Hz, sensitivity: 88dB/W/m. Dimensions: Ø153x45 mm, colour: white. Operating temperature: 0-40°C

TNR33KS



Horn speaker 23W /25Wmax in ABS for external IP66, resistant to bad weather conditions. 8 Ohm. Bandwidth 275-7000Hz, SPL (1W/1m) 106dB, with scattering angle 100°H-50°V. Operating temperature: -20°C/+50°C. Supplied with cable L=40cm max

TNR40KS



Horn speaker 30W IP66 tested, protected against powerful water jets. Impedance 16 Ohm. Bandwidth 180-7000Hz, SPL (1W/1m) 113dB, with scattering angle 110°H-45°V. Robust plastic housing. With Stainless Steel mounting bracket. Operating temperature -20°C/+50°C. Dimension: 400x200x385 mm. Weight: 3,3Kg

HD 310T



Aluminum horn with dynamic unit and IP66 transformer. Power: 30W. Impedance: 8ohm. Sensitivity: 108dB. Frequency response: 240-10000Hz. Max SPL @1m: 123dB. Coverage angle: 80°. Constant voltage transformer: 70/100V. Color: gray RAL7035. Dimensions: 315xØ310mm. Operating temperature: -25°C/+70°C



HS-15 EExmNMF



15W Ex aluminum horn loudspeakers IIB, 8 Ohm 3m cable BFOU©, 1x2x0,75mm2 IP67, ATEX II 2 G Ex db mb IIB+H2 T5 Gb. Realized in Aluminum alloy RAL7035. Mounting bracket included. Operating temperature: -50°C/+60°C



DSP-15 EEXmN



8W Ex plastic horn speaker realized in anti-static PA, colour: black. SPL 1W/1m: 106dB. Frequency range: 380-8000Hz. Dispersion 1kHz/4kHz: 120°/37°. 8Ohm version. Equipped with swivel bracket. IP66/IP67. Environmental temperature: -50°C/+60°C. ATEX/IECEx certified IIB/IIC



DSP-15 EEXmNT(25)

Horn speaker 25W ATEX II 2G Ex ec IIC T3 IP66. Realized in anti-static Polyamide, color: black. Mounting bracket included. Supplied with M20 holes for cable entry. Cable glands included. Weight: 2,2Kg. Operating temperature: -50°C/+60°C. SPL 1W/1m: 106dB, effective freq. Range: 380-8000Hz



DSP-25EExmN

25W Ex Anti-static polyamide/black horn loudspeakers IIB, 8 Ohm, IP66, ATEX II 2 G Ex d e mb IIB+H2 T5 Gb. Mounting bracket included. Operating temperature: -50°C/+55°C

LOW IMPEDANCE HORN SPEAKER & LOUDSPEAKER

HORN & LOUDSPEAKER

| | | |
|-------------------------|---|---|
| TEDL606EN |  | 6W ceiling loudspeaker with 100V input line, complete with robust metal basket and protective grid. Power rating 6W |
| TEDL612EN |  | 12W ceiling loudspeaker with 100V input line, complete with robust metal basket and protective grid. Power 12W |
| EDL-110/WS |  | Weatherproof PA wall and ceiling mounting speaker, IP44. 100V line technique. Frequency range: 120-20000 Hz. Power rating 10/5/2.5 W. Sensitivity 94dB. Speaker with polypropylene cone. Splashproof due to plastic cabinet with rubber seals and high-strength cable gland. Movable mounting bracket and screws made of Stainless Steel. Operating temperature: -20°C/+50°C. Dimensions: Ø180x270 mm |
| TESP80-WS |  | Speaker 6W RMS wall protected against vandalism, 100V audio transformer with 4 power contacts. Speaker wide band with good reproduction of spoken language, very robust metal box |
| IT 35 |  | Horn speaker 25W, 100V line technique IP66-tested, protected against powerful water jets. Suitable for universal indoor and outdoor applications. Stable plastic housing and stainless steel mounting bracket and screws. 5-step power selector switch |
| IT-15EN |  | Horn speaker certified EN54-24, weatherproof, IP66. Passive, audio output 100V, power (RMS): 15/7.5/3.75W. Sensitivity: 110dB/W/m, with 110°H-55°V beam angle. Frequency range: 350-10.000Hz. Made of ABS, UL 94V-0. Supplied with mounting bracket. Operating temperature: -25°/+70°C. Dimensions: 180x120x230mm |
| IT-60 |  | Horn speaker 60W rms, 100V line technique IP66-tested, protected against powerful water jets. Suitable for universal indoor and outdoor applications. Stable plastic housing mounting bracket and screws of stainless steel, 5-step power selector switch |
| THDT410/T |  | Aluminium IP66 horn speaker equipped with dynamic unit and line transformer, high efficiency. Power RMS: 50W, musical: 75W. 130dB@1m. Dispersion angle: 80°. Multi-socket transformer for 100/70V constant voltage connection included. Protection filter for low frequency. Equipped with rear cover in ABS RAL 7035. Stainless steel fixing bracket included. Double insulation for temperatures -25°C/+70°C. Dimensions: Ø410x385 mm |
| TMHS-50T |  | Two-way musical loudspeaker realized in ABS and polypropylene, suitable for use in large indoor and outdoor environments. Adjustable fixing bracket in stainless steel. Power 50W with 100V transformer, sensitivity 99dB, frequency response 90-20KHz, size 362x252x310mm, net weight 3.9Kg |
| DB4BDG25100N2BBN |  | Loudspeaker made of GRP, ATEX Ex II 2G certified, Ex d IIC T4/T5/T6 Gb. Power: 25W. 100V line transformer. Response frequency: 350Hz to 8kHz. Supplied with AISI316 bracket. IP66/67. DNV approved. Operating temperatures: -55/+55°C. 2xM20 cable entry |
| DB4BDG25100N2BNG |  | Loudspeaker, GRP EX chamber, thermoplastic flare, DNV & SIL 2 approved, ATEX certified, EX Atmosphere II 2 G, IIC T4/T5/T6 Gb. IP66/IP67. Potenza: 25W. Trasformatore linea 100V. Ingresso cavi 2xM20 |
| DSP-15 EEXmNT |  | 8W Ex plastic horn speaker realized in anti-static PA, colour: black. SPL 1W/1m: 106dB. Frequency range: 380-8000Hz. Dispersion 1kHz/4kHz: 120°/37°. 100V version. Equipped with swivel bracket. IP66/IP67. Environmental temperature: -50°C/+60°C. ATEX/IECEx certified IIB/IIC |
| HS-15 EExmNMFT |  | 15W ATEX horn speaker IP67, certified II 2 GD Ex db mb IIB+H2 / IIC T5 Gb, IIC T84°C Db. Realized in Aluminum alloy RAL7035. Mounting bracket included. Supplied with 3m BFOU© 2x2x0,75mm2 cable. Operating temperature: -50°C/+60°C. SPL 1W/1m: 101dB, effective freq. range: 420-7000Hz |
| HD6045EN |  | IP65 long-throw fiberglass horn with four 2" compression drivers. Power (100V): 200W. Sensitivity: 110dB. Frequency response: 200-10000Hz. Coverage angle: 60°(H), 50°(V). Constant voltage transformer: 100V. EN54-24, CE certified. Color: white RAL9003. Dimensions: 475x620x564mm |

HIGH IMPEDANCE HORN SPEAKER & LOUDSPEAKER