



**TELEINDUSTRIA**  
TELECOMUNICAZIONI PER L'INDUSTRIA  
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# EMERGENCY & SERVICE INTERCOM SYSTEM

PROFESSIONAL INDUSTRIAL INTERCOM NETWORK

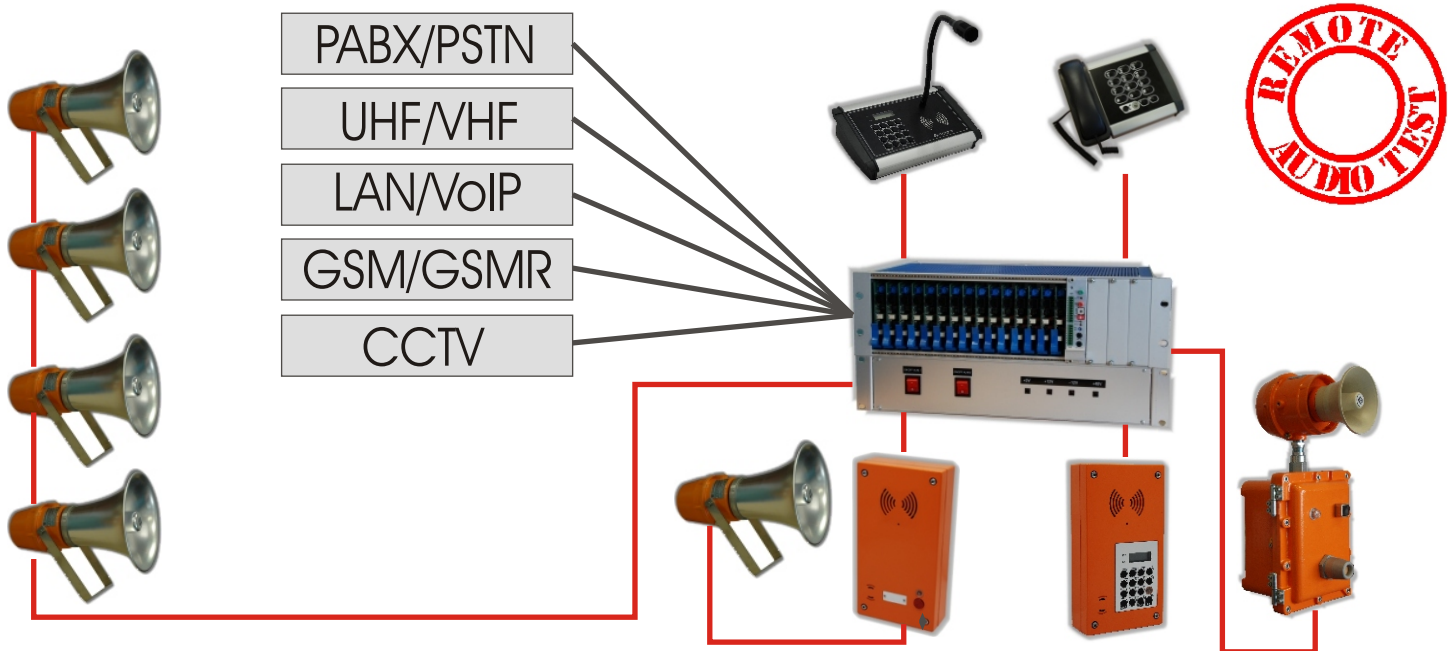
# GOLENA

- Roads Railways
- Metro Tunnels
- Parking Prisons
- Mines Oil&Gas
- Off-Shore Vessels
- Electrical Power Plants
- SteelWorks Chemicals

Up to 100dB  
2 to 500 stations  
Hands-Free  
Fault-Detection  
General Call  
Group Calls  
Vandal resistant  
Robust IK10  
-40°C +70°C  
Protected IP66  
ATEX

The industrial intercom system **GOLENA** is designed to realize very simple and efficient communication networks with the best audio quality independently by level of noise. **GOLENA** is managed by a centralized switching unit (size from 2 to 500 users) and each intercom station is connected to it by a **simple UTP cable** or by a **3 pairs telephone cable (3x2x0,6mm)** up to **1,2 km of distance**. The intercom stations can be equipped with a handset (for **private conversations**) or with microphone + loudspeaker for **hands-free conversations**. In order to obtain the best performances also in very noisy areas, the system works both in **Full-Duplex** mode and in **Push-To-Talk (PTT)** mode. This makes **GOLENA** suitable to work up to 100dB(SPL) ambient noise. Thanks to its special architecture and to some specialized circuits **GOLENA** never enter in the unstable area of "acoustic feedback" (Larsen). All the intercom stations are equipped with an extended intelligent **smart keypad with 16 buttons** and with a **graphic retroilluminated LCD display**. All the main functions of a professional communication network are covered, including of course, **General Call, Group Calls, Conference, Diverting on busy, Paging, Emergency calls**. The General Call (All-Call) is activated by a dedicated push-button present on all the intercom stations. Each intercom station is singularly programmed at the moment of start-up to reply to incoming calls automatically (after a pre-settled number of rings) or manually by pressing the PTT button for a pre-settled time. **GOLENA** can be interfaced to many external systems, including: PABX/PSTN, GSM/GSMR, VoIP, UHF/VHF, CCTV, Anti-Intrusion, SCADA etc.. And **GOLENA** is equipped with the **function of Self-Detection of Faults**: each intercom station can periodically make a **audio test of its microphone and loudspeaker**, signalling the status of fault.

## high reliability in every industrial area





# GOLENA

PROFESSIONAL INDUSTRIAL INTERCOM NETWORK

GRAPHIC DISPLAY

LEDs 3mm Tx/Rx

METAL BUTTONS IK10

METAL MADE KEYPAD

FUNCTION KEY Fn

GENERAL CALL

PUSH-TO-TALK BUTTON

VOLUME ADJUSTMENT



BODY IK10

VANDAL PROOF MICROPHONE AND LOUDSPEAKER

LIGHT ALLOY BODY THICKNESS 5mm





TLG487TD



TLG246TD

### MASTER Station IP66 for desk and wall mounting

Keypad 15 keys + LED  
Graphic Display LCD retro-illuminated  
LEDs Tx/Rx  
Vandal-Resistant IP66 loudspeaker 5W  
Vandal-Resistant Microphone  
Fault-Detection LED  
Booster Amplifier 15W  
Powered @24Vcc-500mA  
Stand-by consumption 18mA



TLG487TD



TLG246TD

### SLAVE Stations IP66 for wall or flush-mounting

1 Emergency Cal Push-Button  
Vandal-Resistant IP66 loudspeaker 5W  
Vandal-Resistant Microphone  
Fault-Detection LED  
Booster Amplifier 15W  
Powered @24Vcc-500mA  
Stand-by consumption 18mA



TLG250T



### Clean Room intercom stations

Keypad 15 keys + LED  
Graphic Display LCD retro-illuminated  
LEDs Tx/Rx  
Vandal-Resistant IP66 loudspeaker 5W  
Vandal-Resistant Microphone  
Fault-Detection LED  
Booster Amplifier 15W  
Powered @24Vcc-500mA  
Stand-by consumption 18mA



TLG325M1

### Explosion-proof station ATEX Zone 1

Keypad 15 keys + LED  
Graphic Display LCD retro-illuminated  
LEDs Tx/Rx  
Vandal-Resistant IP66 loudspeaker 5W  
Vandal-Resistant Microphone  
Fault-Detection LED  
Booster Amplifier 15W  
Powered @24Vcc-500mA  
Stand-by consumption 18mA