INT – FIRE INTERCOM



FEATURES

- Designed for alarm use and accessibility for the disabled
- Hands-free operation
- High-performance microphone capsule
- 32-bit DSP audio processor
- Reliable backlit mechanical buttons
- Up to 5 freely programable buttons
- Hands-free operation
- High-performance microphone capsule
- 32-bit DSP audio processor
- Reliable backlit mechanical buttons
- Up to 5 freely programable buttons
- Vandal-resistant metal housing
- Half-duplex / full-duplex operation depending on scenario and system equipment
- Surface or flush mounting

EN54 16

CNBOP-PIB

Certificate of constancy of performance 1438-CPR-1077
Certificate of admittance 5641/2025

OVERVIEW

Fire intercoms are designed for half-duplex voice communication within the IVO PAVA system. They enable direct interaction with other intercom units, the KG-ETH main controller, or console microphones.

Each unit can be equipped with up to five programmable backlit buttons for customizable control functions. Integrated loudspeaker and microphone ensure clear and reliable audio performance. Communication over the system bus is fully digital, and each unit is powered directly from the IVO system's emergency power supply.

Two versions are available to suit different installation needs:

- INT2P – Surface-mounted version
- INT2N – Flush-mounted (in-wall) version

Compact and versatile, the INT2P and INT2N are ideal for environments requiring reliable, intuitive emergency voice communication.

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TECHNICAL SPECIFICATION

GENERAL	
Power supply	24 V DC ± 20 % 48 V DC ± 15 %
Idle consumption	< 2 W
Standards	EN54, CE
Mechanical	230 x 155 x 43 mm (flush installation) 200 x 125 x 43 mm (wall installation), 2x PG11 cable gland 200 x 125 x 40 mm (installation box)
Operating temperature	-5 : +50 °C
Relative humidity	25 % - 90 %
Indicators	Backlight each button
Connectors	Digital BUS + power

AUDIO SPECIFICATION	
Frequency response	150 Hz - 16 kHz (- 3 dB)
Distortion (THD + N) (1 kHz)	< 0,1 %
Signal-to-noise ratio	> 65 dB

OTHERS	
IP protection	IP30
Switches	Digital BUS terminantion
Options	Up to 5 buttons
Colors	Standard: RAL 6032 (Signal green), INT RAL3000 (Flame red), INT RAL 9005 (Jet black), INT RAL7015 (Slate Grey), RAL7035 (Light grey). Optional: every RAL pallete color

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