

# PRA-FMP-AT Fireman's panel (ÖNORM)

## PRAESENSA



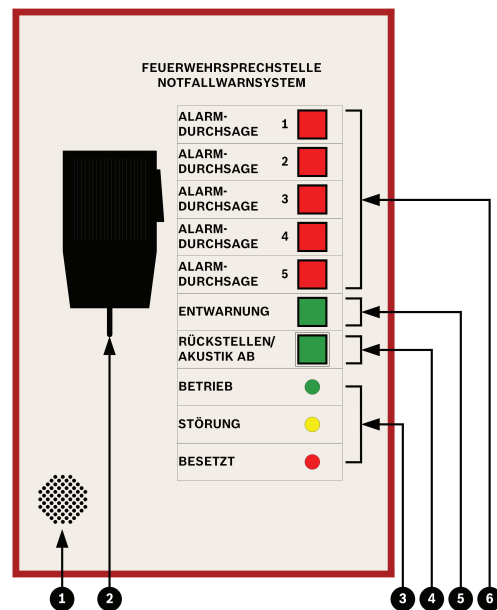
- ▶ Fireman's microphone panel according to ÖNORM F3033 for PRAESENSA system
- ▶ Fault and status LED indicators
- ▶ Buttons with LED status indication
- ▶ Housing for wall mounting with fixed handheld microphone and coiled cable
- ▶ IP-networked via OMNEO for audio and control

The fireman's microphone panel includes a handheld microphone for fire alarm announcements. The side talk button of the microphone is non-latching and can be operated with gloves. The enclosure of the panel is non-flammable, has a viewing window and the door can be locked using a key, in compliance with EN 54-11 (for manual call points).

By pressing buttons 1-5, predefined alarm announcements, stored in the voice alarm system, can be called-up. When the microphone is picked up, ongoing announcements will stop. By pressing the microphone side talk button, a live announcement can be made in all areas covered by the voice alarm system.

### System overview

The following indicators and controls are available:



1. Buzzer
2. Handheld microphone
3. Status LED indicators
4. Acknowledge / reset
5. All-clear button
6. Alarm announcement buttons

The labeling of the indicators and buttons are according to the ÖNORM F3033.

**Regulatory information**

**Emergency standard compliance**

Austria	ÖNORM F 3033
Austria	ÖNORM F 3012

**Regulatory areas**

Immunity	EN 55024 EN 55035 EN 50130-4
Emissions	EN 55032 EN 61000-6-3
Environment	EN 63000

**Conformity**

Europe	CE
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**Parts included**

Quantity	Component
1	Fireman's microphone panel
2	Door lock keys, in compliance with EN 54-11
1	Installation and operation manual
1	Safety instructions

**Technical specifications**

**Quick overview**

Operating voltage (VDC)	37 VDC – 57 VDC (PoE)
Power consumption (W)	5.20 W (maximum)
Microphone element type	Dynamic; Noise cancelling
Polar pattern	Omnidirectional
Sensitivity	89 - 109 dB SPL (configurable)
Maximum sound pressure input level (dB SPL)	120 dB SPL
Frequency range (-10 dB) (Hz)	500 Hz – 8000 Hz
Minimum signal-to-noise ratio (dBA)	73 dBA
Audio input	Microphone
Audio output	Buzzer

Sample rate (kHz)	48 kHz
Ethernet type	100BASE-TX; 1000BASE-T
Protocols / standards	OMNEO; AES 70
Number of Ethernet ports	2
Protection	Watchdog; RSTP
IP rating	IP30
Operating temperature (°C)	-5 °C – 45 °C
Dimension (H x W x D) (mm)	300 mm x 200 mm x 110 mm
Color in RAL	RAL 3000 Flame red
Weight (kg)	3.80 kg

**Electrical**

**Microphone**

Nominal acoustic input level (configurable)	89 – 109 dB SPL
Maximum acoustic input level	120 dB SPL
Signal to Noise Ratio (SNR)	> 73 dBA
Directivity	Omnidirectional
Frequency response (+3 / -6 dB)	500 Hz – 8 kHz (noise cancelling)

**Power transfer**

Power over Ethernet (PoE 1-2)	
Nominal DC input voltage	48 V
Standard	IEEE 802.3af (Mode B)
Power consumption	5.2 W
Input voltage tolerance	37 – 57 VDC

Supervision	
Supervision	
Microphone	Impedance
Audio path	Pilot tone
Press-to-talk switch	Impedance
Controller continuity	Watchdog
PoE (1-2)	Voltage

Network interface	
Ethernet	100BASE-TX, 1000BASE-T
Protocol	TCP/IP
Redundancy	RSTP
Audio/control protocol	OMNEO
Network audio latency	10 ms
Audio data encryption	AES128
Control data security	TLS
Ports	2

### Environmental

Temperature	
Operating	-5 to +45°C
Storage and transport	-30 to +70°C

### Mechanical

Dimensions (WxHxD)	200 x 300 x 110 mm
Case	
Material	Sheet steel
Color	Red (RAL 3000)
Weight	3.8 kg
Ingress protection (EN 60529)	IP30

### Ordering information

#### PRA-FMP-AT Fireman's panel (ÖNORM)

Fireman's panel in lockable wall mount enclosure, according to the Austrian ÖNORM F3033.

Order number **PRA-FMP-AT | F.01U.394.124**

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