MAG202FD

Explosion-Proof Networked SIP Telephone

Description

The Explosion-Proof Networked SIP Telephone is an intrinsically safe device designed to be explosion-proof, waterproof, and dustproof. Housed in a corrosion-resistant, vandal-proof cast aluminum waterproof enclosure, it supports full-duplex intercom communication. The device is compatible with customer SIP telephone systems and features dedicated dialing keys for rapid access to specific zone broadcasting, all-zone broadcasting, and selective zone broadcasting functions. Equipped with one short-circuit input interface and one short-circuit output interface, it enables integrated triggering with fire alarm control systems, surveillance management systems, and emergency broadcast systems. Suitable for deployment in various explosive environments, the device can be integrated with our network public address system to achieve telephone paging, intercom, background music broadcasting, fire alarm linkage, scheduled broadcasting, and more. Additionally, it can connect to customer SIP telephone systems, enabling SIP phones to perform paging and intercommunication functions with networked terminals.
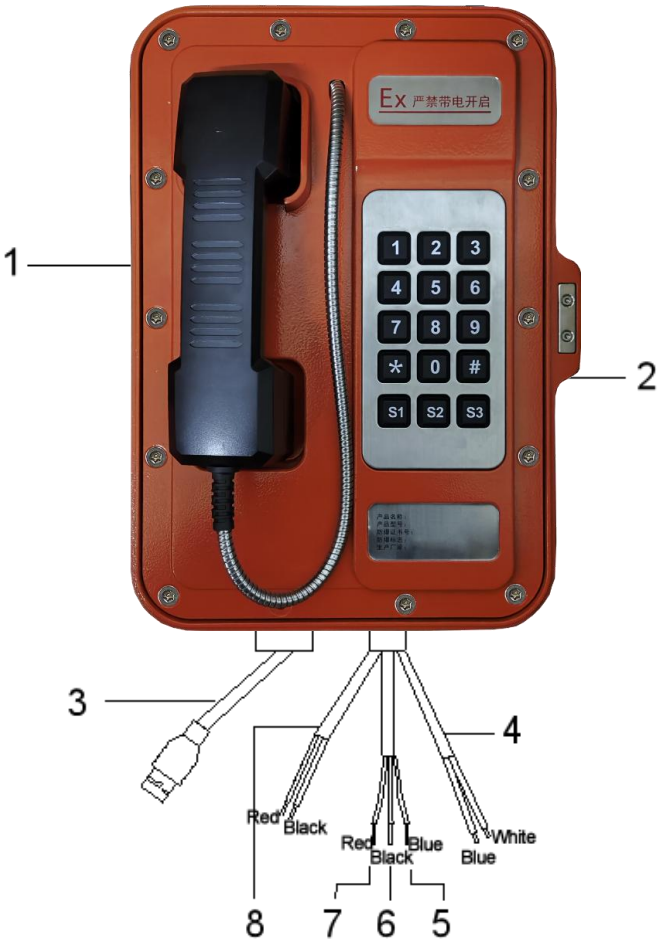
Features

- Can play background music, emergency paging, and alarm signals from the system host.
- Supports full-duplex intercom with networked paging stations and telephone terminals.
- Supports quick or dial paging to various broadcast terminals.
- Supports standard SIP protocol and can connect to customer SIP telephone systems, allowing remote paging and full-duplex intercom with mobile phones and SIP phones.
- Equipped with one short-circuit input interface and one short-circuit output interface for linking with cameras or other devices.
- Supports quick-dial key operation.

- Supports web-based configuration of SIP parameters.
- Power supply: PoE (802.3) or DC24V.
- Power output: 15W/8Ω via PoE digital amplifier, 30W/4Ω via DC supply.
- Industrial-grade explosion-proof design: waterproof, dustproof, explosion-proof, rugged and durable, with good sealing.
- Complies with IP66 protection rating.
- Certificate number: SYEx24.11223.
- Explosion-proof marking: Ex db ib IIB T6 Gb.

Specifications

Model		MAG202FD
Network Output	Input Sensitivity	10±1dB
	Frequency Response	20Hz-20kHz
	Distortion	≥1%
	Signal-to-Noise Ratio	≤70B
Maximum Amplifier Output Power	DC Power Mode	30W 4Ω
	PoE Power Mode	15W 8Ω
Package Dimensions (L×W×H)		450×345×200mm
Unit Dimensions (L×W×H)		355×285×140mm
Gross Weight		8.55kg
Net Weight		7.50kg

Front / Rear Panel

1. Handset
2. Keypad
3. Network Port
4. Speaker Output
5. Short-Circuit Trigger Output
6. Common Ground
7. Alarm Input Interface
8. DC 24V Input

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