

ISD-1000M In-Suite Signaling Device



ISD-1000MW

ISD-1000MR

Features

- Addressable Multi Device Networking
- Plugs into standard AC Power outlet
- Network/Addressable Status LED (“ON” indicator)
- Supervised rechargeable 24 Hour Battery Backup
- Use as a portable “Personal Beacon” in a fire situation
- Designed to meet or exceed NFPA / ANSI standards
- Unattended verification of piezo sounding - suite entry not required
- UL Pending for UL985 Listing

Description

FIRE-LINK® is a system designed to supplement the signaling capabilities of a building's Fire Alarm System. By utilizing the existing wiring infrastructure (i.e. the building's own 120VAC power line) Mircom offers the fire protection industry a solution that is easy to install, can be placed anywhere a standard power line outlet exists and prevents unsightly surface raceway from being installed in public hallways.

The FIRE-LINK® system provides a cost beneficial solution to a North America wide audibility problem without the expense of any additional wiring.

The ISD-1000M is a plug-in, addressable, audible device. It does NOT detect smoke or carbon monoxide. It is intended for use in living and sleeping areas to insure safety and peace of mind. The ISD-1000M uses a unique power line technology to provide the highest possible reliability.

The sounder piezo can be configured for continuous, march-time or temporal sound meeting the requirements of different users.

Each unit is equipped with a supervised rechargeable battery pack for 24 hr. backup power to maintain communications in the event of total building power loss.

Our network addressable design permits many features and services which can be field configured to suit varied installations. For example, special “messaging” features are programmable to denote the manager/caretakers’ suite ISD unit or, as in the case of a hotel, the receptionists’ ISD unit. In the event of any trouble condition, a special “trouble alert” signal can be sent to that particular ISD unit only. When in “test mode” each ISD unit can be tested individually for piezo operation from our control unit without the added cost of entering each suite.



S24274

Specifications

Enclosure Dimensions	6.44" x 3.19" x 2.34" (163 x 80 x 59 mm)	H x W x D
Mounting	Electrical Power Outlet	
Supply Voltage	120 VAC, ± 10%, 60 Hz	Nominal
Power Fail Protection	NiMH Battery Pack (6)	Supervised
Enclosure Material	ABS/UL-94V	(indoor use only)
Power Consumption	85 mW, 2W	RX,TX
Compatibility	Power Line (PL)	
Operating Temperature	0 - +40 °C	< 90% Humidity
Indicators	Tri-color LED	Operational status
Controls	"Push to Silence" membrane switch	
Push to Test	Test switch membrane	
Sound Output	91 dB	@3m
Sound Output (Tone)	2.9 ±0.5 KHz	Programmable (global) as Continuous, March Time and Temporal (default)

Applicable Standards

The ISD-1000M has been designed to meet or exceed, where applicable, the following standards and guidelines;

- ANSI/NFPA 72 National Fire Alarm Code (2002 Edition)
- CAN/ULC S527 and S545 Fire Alarm Control Unit Accessory and Residential Fire Warning Systems
- UL985 Household Fire Warning System Units
- UL1971 Standard for Signaling Devices for the Hearing Impaired
- ADA (AG) Americans with Disabilities Act

Ordering Information

Model	Description
ISD-1000MR	Fire-Link® In-Suite Signaling Device, Red
ISD-1000MW	Fire-Link® In-Suite Signaling Device, White