Advanced

Axis AX

Intelligent Multi-Flex Sounder Base

The Intelligent Multi-Flex Sounder Base, with or without optional synchronization modules, provides advanced functionality and performance, delivering flexible notification capabilities for any installation. The sounder base offers selectable steady or temporal (NFPA 72 three-pulse) signal pattern output with a high or low volume level.

With Advanced built-in sub-addressing, each sounder base can be independently controlled by the Axis AX Series Intelligent Fire Alarm Control Panel's SLC loop. Intelligent Multi-Flex Sounder Bases can be programmed to activate from associated intelligent detectors or from any other system criteria, such as general alarm. Sub-addressing makes installation applications, programming, and commissioning of the most complex projects extremely flexible and simplistic.

The Intelligent Multi-Flex Sounder Base can accommodate any Axis AX Series intelligent detector, providing the ultimate in smoke detection and alarm signaling.

Intelligent Multi-Flex Sounder Bases require an external 24VDC power input. The 24VDC may be obtained from the power outputs of the Axis AX Series Intelligent Fire Alarm Control Panel or from any external power supply, Listed for Fire Protective Signaling. In addition to the sub-addressing control features of the sounder bases, reversing the polarity of the 24VDC supply voltage will put all connected sounder bases into a general alarm mode.

Optional synchronization modules are available to allow temporal pattern signaling to be completely synchronized throughout the installation. When utilizing the optional synchronization module general alarm signaling of all sounder bases is accomplished by reversing the polarity of the 24VDC power input. This eliminates the merging of tones from multiple sounder bases programmed for temporal pattern signaling.

The Intelligent Multi-Flex Sounder Base mounts to a 4-inch octagonal or 4-inch square electrical box. The sounder base has in-out terminals for Axis AX Series SLC loop wiring. Though not required for proper operation, each sounder base has dedicated earth connection terminals for clean, isolated, and continuity maintenance of earth ground connection of wire shield when shielded cable is utilized.Each Intelligent MultiFlex Sounder Base's are designed to enable "one-way-only" intelligent detector insertion without any need for force. Simply insert the detector and rotate clockwise. Incorporating a high degree of protection against unauthorized removal of detectors, each base can be locked to its associated detector by a mini-hexagonal screw.



Features

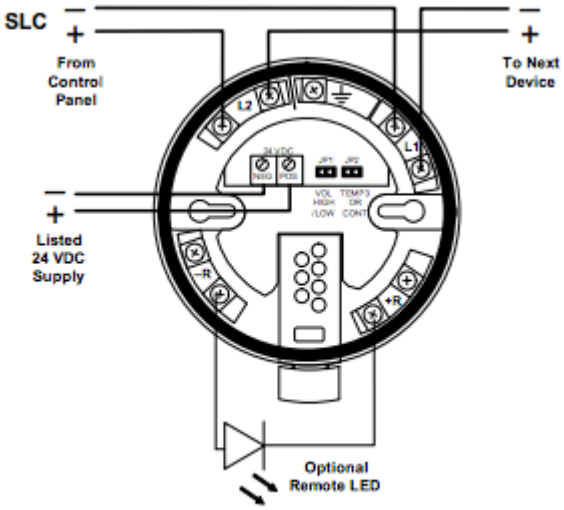
- Sub-Addressable
- DynamiX I/O Relationship Programming
- Patented XPerT Card Addressing
- Optional Synchronization of Temporal Pattern
- In-Out Terminals for Ease of Wiring
- Dedicated Terminal for Shielded Cable
- Integral XPerT Card Address Labeling Tab
- Single Station / Multi-Station Programming
- Compatible with all AxisAX Series Intelligent Detectors
- Selectable Temporal or Steady Tone
- Selectable High or Low Volume
- 4" Square Electrical Box Mounting
- Base to Detector Locking Mechanism
- "One-Way-Only" Detector Insertion

Listings and Approvals

- ETL ANSI/UL 864 Listed: 101564744NYM-001
- UL File: UROX.S2829
- ULC File: UROXC.S2829
- CSFM Approved: 7300-1004:0117
- NYCFD MEA 73-92-E

Similar to all other Axis AX Series intelligent bases, the sounder bases incorporate a fire alarm industry unique method of addressing plugged in intelligent detectors. The Intelligent Multi-Flex Sounder Base is addressed by a patented address (“XPerT”) card. The address is quickly and easily set by removing “pips” on the XPerT card according to a chart supplied with each base. Once the address is set on the XPerT card, it is slid into the base and locked in place. By addressing the Axis AX Series intelligent detector at the base rather than internally to the detector, the all-too-common errors associated with detector removal and maintenance are eliminated.

Wiring Diagram



**Note: Optional Remote LED follows sounder operation

Specification

Operating Voltage	17 - 28 VDC
Sounder Output Level (Jumper Selectable)	75 or 85 dB
Sounder Alarm Current	29 mA
Environment	Indoor, Dry
Operating Temperature	32-120ºF (0-48ºC)
Humidity	95% (Non-Condensing)
Dimensions	6”L x 6”W x 1.6”D
Weight	4 oz
Terminals	Nickel-Plated Steel
Housing	Polycarbonate, 94 V0

Order Codes and Options

MB-SDRT-AA	Intelligent Multi-Flex Sounder Base
MB-SDRT-SM	Multi-Flex Synchronization Module

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As our policy is one of constant product improvement the right is therefore reserved to modify product specifications without prior notice.