

AS7008-00

6" Analog Sounder Base



Standard Features

- Programmable evacuation codes - Continuous, March, ANSI Temporal patterns
- Base learns the sensor address and assumes an upper range address (128-254)
- Up to 127 sensors and 127 AS7008s can be used on one SLC loop
- Can be alarmed or reset by zone or by individual address
- SLC loop wire resistance = 50 ohms Max. (total SLC wire run length)
- High sound pressure level (85dB SPL at 10 feet)

Application

The AS7008 Analog Sounder Base is designed for use with Supreme analog style sensors models AS2010, AS2011 and AS2012. Each addressable base is to be connected to an Avenger DCP Signaling Line Circuit (SLC).

The AS7008 provides an audible alarm in the immediate vicinity. Typical applications are use in hotels, apartments, and hospitals

The AS 7008 has a highly configurable programming algorithm that allows the user to setup groups of bases for synchronization of modulation tones. Each device has 16 states that are programmed with the desired output pattern to be used (e.g., "Temporal" or "March") for each state.

Operation

The AS7008 base is designed specifically for use with the Avenger Systems Analog sensors, models AS2011 Photoelectric Smoke Sensor, AS2010 Heat Sensor and AS2012 Multi-Criteria Sensors.

The AS7008 sounder base allows for complete compatibility for all of the Avenger Analog sensors.

The bases are lightweight and very thin, providing a low profile once installed. The solderless screw terminals enable quick and easy wiring connections.

Addressing is automatically provided by the attached Sensor. The device is configurable through Loop Explorer Programming Software.

Engineering Specifications

The Dealer shall furnish and install where indicated on the plans, models AS2011 Photoelectric Smoke Sensor, AS2010 Heat Sensor and AS2012 Multi-Criteria Sensors.

The base shall permit direct interchange with the models AS2011 Photoelectric Smoke Sensor, AS2010 Heat Sensor and AS2012 Multi-Criteria Sensors.

The vandal-resistant, security locking feature shall be used in those areas as indicated on the drawing. The locking feature shall be optional and can be implemented when required.

Number of bases permitted

# Bases in Alarm	Max. Auxiliary 24VDC Power Wire Resistance (Total Run Length)	# Bases in Alarm	Max. Auxiliary 24VDC Power Wire Resistance (Total Run Length)
127	1.4 ohm	30	6.1 ohm
75	2.4 ohm	20	9.1 ohm
60	3.0 ohm	15	12.2 ohm
50	3.6 ohm	10	18.3 ohm

NOTE: SLC max. resistance is 50 ohms

Technical Specifications

Operating Voltage: 17-41 VDC
SLC Loop Idle Current: 110 μ A
SLC Loop Max. Alarm Current: 110 μ A
Device Aux. Power Min. Voltage: 16-31 mA
Aux. Idle Current (Idle): 550 μ A
Aux. Idle Current (Alarm): 18mA
Maximum Humidity: 93% RH Non-Condensing
UL Ambient Installation Temp. Range: 32° F to 100° F
Operating Temperature Range: 14° F to 122° F
Sound Pressure Level @ 10': 85 dB
Color & Case Material: Bone PC / ABS Blend
Weight: 0.455 lb
Dimensions: 5.9" (Diameter), 1.3" (Height)