

AS7008-00

ADDRESSABLE SOUNDER BASE



Application

The AS7008-00 Sounder Base is designed for use with Avenger Addressable Sensors. Each base is to be connected to the Avenger State-of-the-Art Digital Communications Protocol (DCP) Signaling Line Circuit (SLC). The AS7008-00 provides an audible alarm in the immediate vicinity. Ideal applications are Hotels, Apartments, and Hospitals.

The AS7008-00 bases are lightweight and very thin, providing a low profile once installed. The solderless screw terminals enable quick and easy wiring connections.

Operation

The AS7008-00 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.

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

Standard Features

- Programmable evacuation codes - Continuous, March, ANSI Temporal patterns
- High sound pressure level: 85db @ 10 feet
- Can be alarmed / reset by zone or by individual address
- Up to 127 sensors and 127 AS7005 bases can be used on one SLC loop
- Base learns the sensor address and assumes an upper range address (128 - 254)
- Requires auxiliary 24VDC line
- AS7006-00 optional trim ring for surface mount installations

Technical Specifications

Operating Voltage	17 - 41 VDC
SLC Current Consumption	110µA (Standby and Alarm)
Auxiliary Power	16 - 31 VDC
Auxiliary Current Consumption	550µA (Standby) 18mA (Alarm)
Sound Pressure Level	85db
Max. Quantity per Loop	127
UL Ambient Installation Temperature Range	32°F to 100°F (0°C to 38°C)
Operating Temperature Range	32°F to 122°F (0°C to 50°C)
Maximum Humidity	Up to 93% non-condensing
Dimensions	1.34"H x 5.94"D
Weight	0.455 lb
Security Feature	Plastic tamper-lock
Color and Case Material	Bone PC / White - ABS Blend

Number of Bases Permitted

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

NOTE: SLC maximum wiring resistance is 50 ohms