

# AS7005-00

## ADDRESSABLE LOW FREQUENCY SOUNDER BASE



### Standard Features

- UL268 and UL464 listed
- 520Hz low frequency alarm signal meets NFPA requirements for sleeping areas
- Up to 127 sensors and 127 AS7005 bases can be used on one SLC loop
- Can be alarmed or reset by zone or by individual address
- Programmable evacuation codes: Continuous, March, ANSI Temporal 3 and 4 patterns
- High sound pressure level (85dB SPL at 10 feet)
- Support for Temporal 4 when used with AS2014 CO detector
- Requires auxiliary 24VDC line
- AS7006-00 optional Trim Ring for surface mount installations

### Application

The AS7005-00 Low Frequency 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 AS7005-00 provides an audible alarm in the immediate vicinity. Ideal applications are Hotels, Apartments, and Hospitals. The AS7005-00 meets NFPA 72 requirements for Low Frequency alarms in sleeping areas. Studies have shown that a low frequency alarm signal is the most effective at waking people with mild to moderate hearing loss.

### Operation

The AS7005-00 is designed for installation in sleeping areas, such as bedrooms, dorm rooms, hotel rooms, patient rooms, etc. Operation and supervision of the AS7005-00 is fully managed by the compatible Fire Alarm Control Panel (FACP). The AS7005-00 has a highly configurable programming algorithm that allows the user to set up groups of bases for synchronization of modulation tones. Each device has 16 states that are programmed with the desired sound pattern to be used for each state.

### Technical Specifications

<b>Operating Voltage</b>	17 - 41 VDC
<b>SLC Current Consumption</b>	154µA (Standby and Alarm)
<b>Auxiliary Power</b>	16 - 31 VDC
<b>Auxiliary Current Consumption</b>	2.8mA (Standby)
<b>Auxiliary Current Consumption (Alarm)</b>	72mA @ 33VDC 95mA @ 24VDC 140mA @ 16VDC
<b>Sound Pressure Level</b>	85db
<b>Max. Quantity per Loop</b>	127
<b>UL Ambient Installation Temperature Range</b>	32°F to 100°F (0°C to 38°C)
<b>Operating Temperature Range</b>	32°F to 122°F (0°C to 50°C)
<b>Maximum Humidity</b>	Up to 93% non-condensing
<b>Base Diameter</b>	6.6"
<b>Base Height</b>	3.1"
<b>Security Feature</b>	Plastic tamper-lock
<b>Color and Case Material</b>	Bone PC / White - ABS Blend