

## ASB - DIGITAL ANALOG SOUNDER BASE



SPECIFICATIONS	
Operating Voltage	17 ~ 41 VDC
SLC Current Consumption	170µA (Typical) 170µA (Alarm)
Auxiliary Supply Voltage	16 ~ 31 VDC
Auxiliary Current Consumption	550µA (Typical) 18mA (Alarm)
Sound Pressure Level at 10ft.	85dB
Max. Quantity Per Loop	127
UL Ambient Installation Temperature Range	32°F (0°C) ~ 100°F (38°C)
Operating Temperature Range	32°F (0°C) ~ 122°F (50°C)
Dimensions (without sensor)	1.34"H x 5.94"D
Weight	0.455 lb
Relative Humidity	93% RH Non-Condensing
Compatible Detectors	ALG-V, ALK-V, AIE-EA, ATG-EA, ACA-V, ALN-V, ATJ-EA, ACC-V, ACD-V*

\*The ACD-V sensor will work with ASB version LI/L1 only, marked on PCB.

### STANDARD FEATURES

- Each device has OEM options for up to 16 programmable output patterns for each state.
- 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 ASBs can be used on one SLC loop
- Can be alarmed or reset by zone or by individual address
- ASB SLC loop wire resistance = 50 ohms Max. (total SLC wire run length)
- High sound pressure level (85dB SPL at 10 feet)

### DESCRIPTION

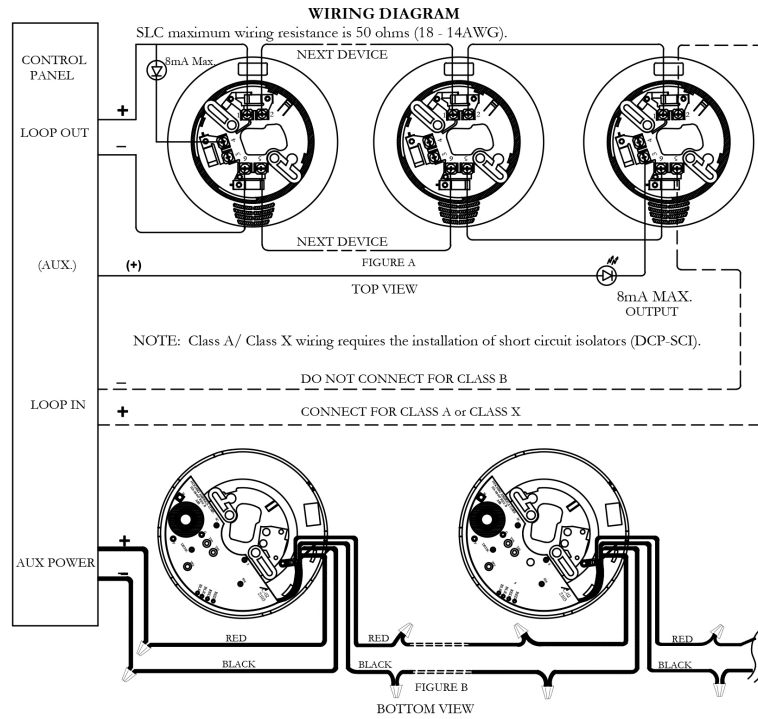
The ASB Digital analog Sounder Base is designed for use with Hochiki digital analog sensors ALG-V, ALK-V, AIE-EA, ATG-EA, ACA-V, ALN-V, ATJ-EA, ACC-V, ACD-V\*. \*The ACD-V sensor will work with ASB version LI/L1 only, marked on PCB. Each addressable base is to be connected to a Hochiki America Corporation DCP Signaling Line Circuit (SLC). The ASB provides an audible alarm in the immediate vicinity. Typical applications are hotels, apartments, and hospitals. The ASB has a highly configurable programming algorithm that allows the user to set up groups of bases for synchronization of modulation tones. The ASB provides the following programmable output patterns: Temporal, Continuous and March.

**PRODUCT LISTINGS**

		<p>California State Fire Marshal</p> <p>7300-0410:161</p>	
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Specifications subject to change without notice.

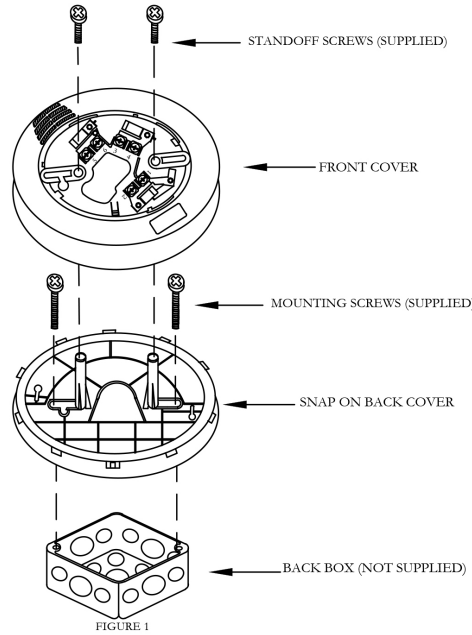
Continued on back.



**ASB Series Mounting Instructions**

Please refer to diagram in Figure 1

The Model ASB series sounder base mount directly to 3" or 4" octagonal boxes. To mount the base, remove the back cover from the main assembly and place flush onto a back box. Attach the cover using the (2) 8-32 x 1 3/8 mounting screws (supplied). Once the back cover is mounted securely to the box, snap the main assembly into place by aligning the notches on both pieces of the plastic housing. Complete the assembly by fastening it using (2) standoff screws (supplied) into the appropriate slots.



<b>NUMBER OF BASES PERMITTED</b>	
# 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.