

ASB7 - DIGITAL ANALOG SOUNDER BASE



STANDARD FEATURES

- Programmable evacuation codes - Continuous, March, ANSI Temporal 3 patterns
- Base learns the sensor address and automatically sets base address (128-254)
- Up to 127 sensors and 127 ASB7s can be used on one SLC loop
- Can be alarmed or reset by zone or by individual address
- ASB7 SLC loop wire resistance = 50 ohms Max. (total SLC wire run length)
- High sound pressure level (85dB SPL at 10 feet)

SPECIFICATIONS

Operating Voltage	17 ~ 41 VDC
SLC Current Consumption	170µA (Typical) 170µA (Alarm)
Auxiliary Power	16 ~ 31 VDC
Auxiliary Current Consumption	550µA (Typical) 18mA (Alarm)
Sound Pressure Level at 10ft.	85dB
Max. Quantity per Loop	127
UL Ambient Installation	32°F (0°C) ~ 100°F (38°C)
Temperature Range	
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 Sensors	ALO-V, ALN-V, ALK-V, ALG-V, ACE-V, ACC-V, ACD-V, ACA-V, AIE-EA, ATJ-EA, and ATG-EA

Specifications subject to change without notice.

DESCRIPTION

The ASB7 Digital analog Sounder Base is designed for use with Hochiki digital analog sensors ALO-V, ALN-V, ALK-V, ALG-V, AIE-EA, ACE-V, ACC-V, ACA-V, ACD-V, ATJ-EA and ATG-EA. Each addressable base is to be connected to a Hochiki America Corporation DCP Signaling Line Circuit (SLC). The ASB7 provides an audible alarm in the immediate vicinity. Typical applications are hotels, apartments, and hospitals.

The ASB7 has a highly configurable programming algorithm that allows the user to set up groups of bases for synchronization of Continuous, March, or Temporal 3 pattern.

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.

PRODUCT LISTINGS



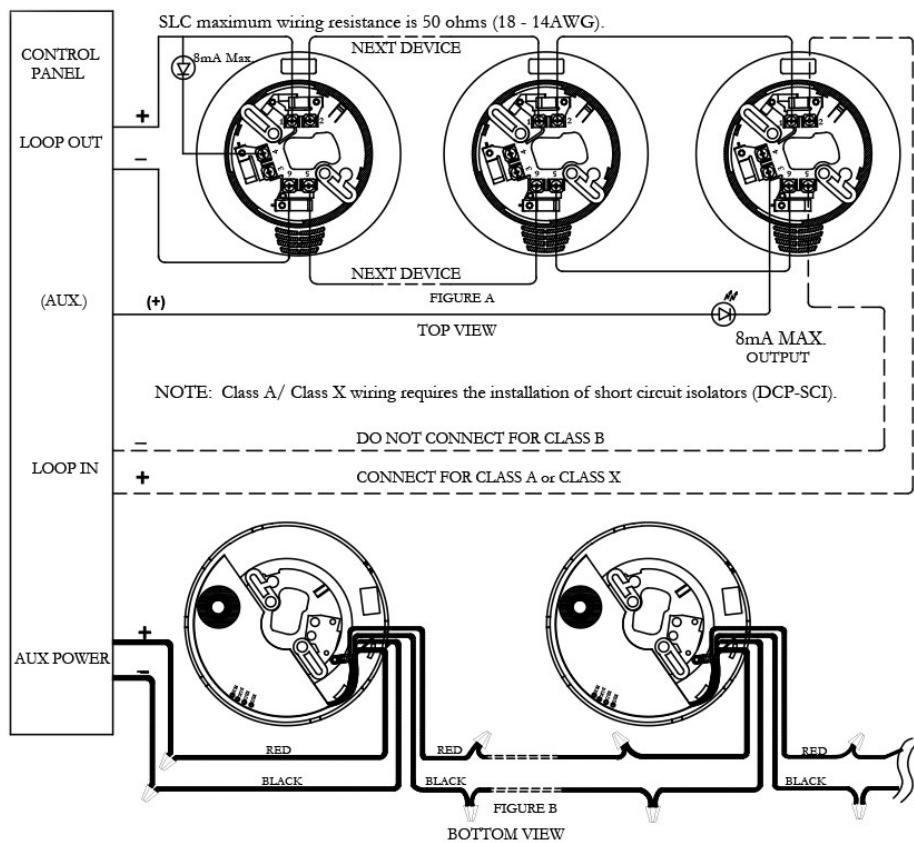
California State
Fire Marshal
7300-0410:0161

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WIRING DIAGRAM



ASB7 Series Mounting Instructions

Please refer to diagram in Figure 1

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.

