

INSTALLATION INSTRUCTIONS FOR MODELS ASB7, ASB7-W ANALOG SOUNDER BASES

The information contained in this installation instruction is a quick reference guide. For detailed system information refer to the panel manufacturer's installation manual. This instruction will not address specific programming procedures.

GENERAL DESCRIPTION

This instruction applies to models ASB7 (bone color) and ASB7-W (white color) analog sounder bases, which are to be connected to a DCP Signaling Line Circuit (SLC). The ASB7 series is to be used with the ACA-V, ACC-V, ACD-V, ACE-V, AIE-EA, ALG-V, ALK-V, ALN-V, ALO-V, ATG-EA, and ATJ-EA model sensors only. The ASB7 series provides an audible alarm in the immediate vicinity. Typical applications are for use in hotels, apartments, and hospitals. For sleeping areas requiring CO detection, use a low-frequency sounder base such as model ASBL7.

MOUNTING REQUIREMENTS

BASE	BOX MOUNTING		
	3" OCT	4" OCT	4" SQR
ALL MODELS	YES	YES	NO

WIRING

NOTE: All wiring must conform to local codes, ordinances and regulations.

- 1) **This is a warning.** Connect wiring to terminals as shown. Do Not loop wire under terminals. Break wire run to provide supervision of connections.
- 2) Install base wiring in accordance with the applicable drawings and appropriate wiring diagram (see Figures A and B).

SPECIFICATIONS

Model	ASB7, ASB7-W
DCP Voltage Range	17-41VDC
DCP Loop Idle Current	170 μ A
DCP Loop Max. Alarm Current	170 μ A
Aux. Power Supply Voltage Range (See Table Number of Bases Permitted)	16-31VDC
Device aux power min. voltage	15.0 VDC
Aux. Idle Current	550 μ A
Aux. Max. Alarm Current	18mA
Max Humidity	93%RH (non-condensing)
Sound Pressure Level at 10 ft	85 dB
Operating Temperature Range	0°C (32°F) ~ 38°C(100°F)
Storage Temperature	-30°C (-22°F) ~ 70°C(158°F)
Base Diameter	5.94"
Base Height (without sensor)	1.34"
Weight	0.455 lb
Compatible Detectors	ACA-V, ACC-V, ACD-V, ACE-V, AIE-EA, ALG-V, ALK-V, ALN-V, ALO-V, ATG-EA, ATJ-EA

CAUTION !

To ensure proper operation connect this base to a compatible Fire Control Panel only. Refer to panel instructions for proper connection and compatibility.

CAUTION !

If this base will be installed in an existing operational system, inform the operator and local authority that the system will be temporarily out of service. Disconnect power to the control panel before installing the base.

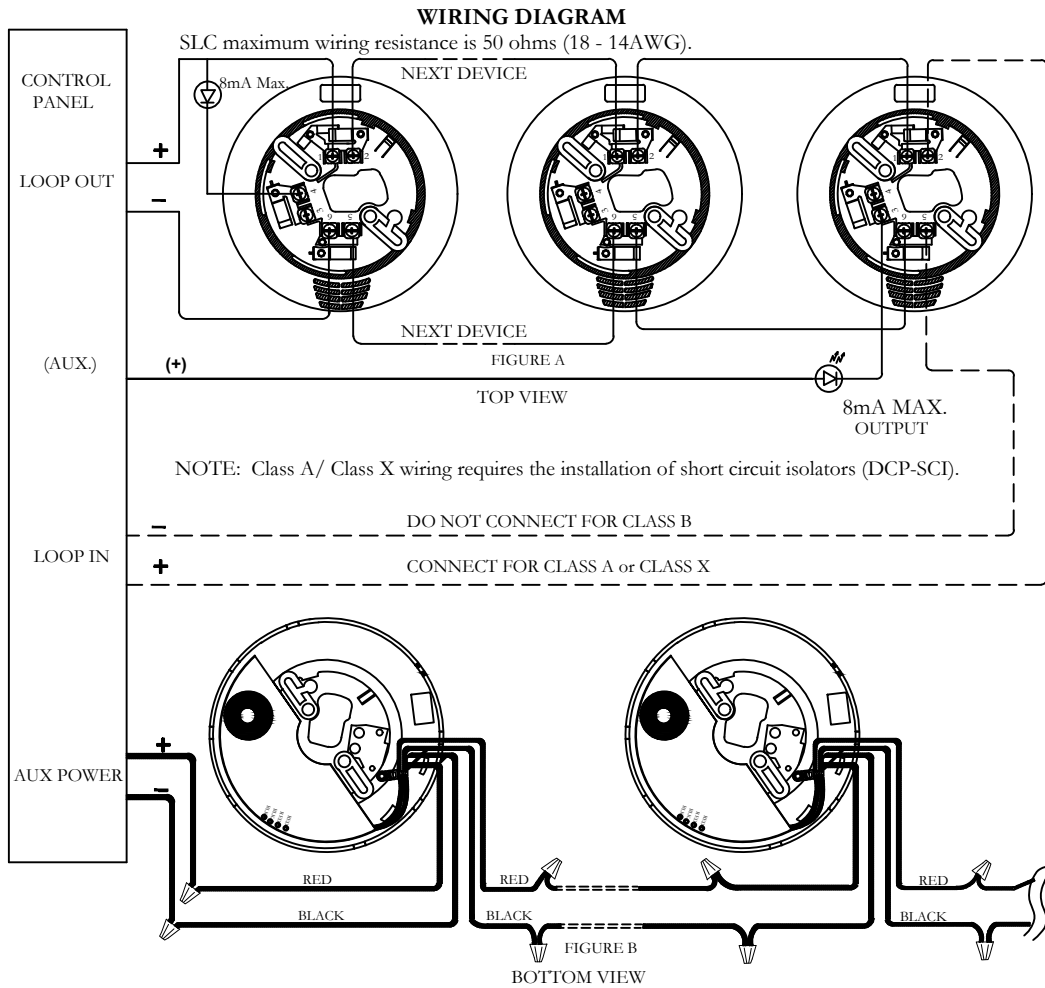
CAUTION

Install the bases in this instruction in accordance with applicable NFPA standards, local codes, and the authorities having jurisdiction. Failure to follow these instructions may result in failure of the detector to initiate an alarm condition. Hochiki America is not responsible for detectors that have been improperly installed, tested, or maintained.

For testing and cleaning information refer to detector technical bulletin. Also refer to NFPA-72 Chapter 2 & 7 for Automatic Fire Detectors for installation guidelines, testing, and maintenance. Use "3M" Weatherban # 606 nonflammable sealing compound to seal field wiring conduit openings in the mounting back box. Compliance with this request may reduce the occurrence of the "STACK EFFECT".

FEATURES

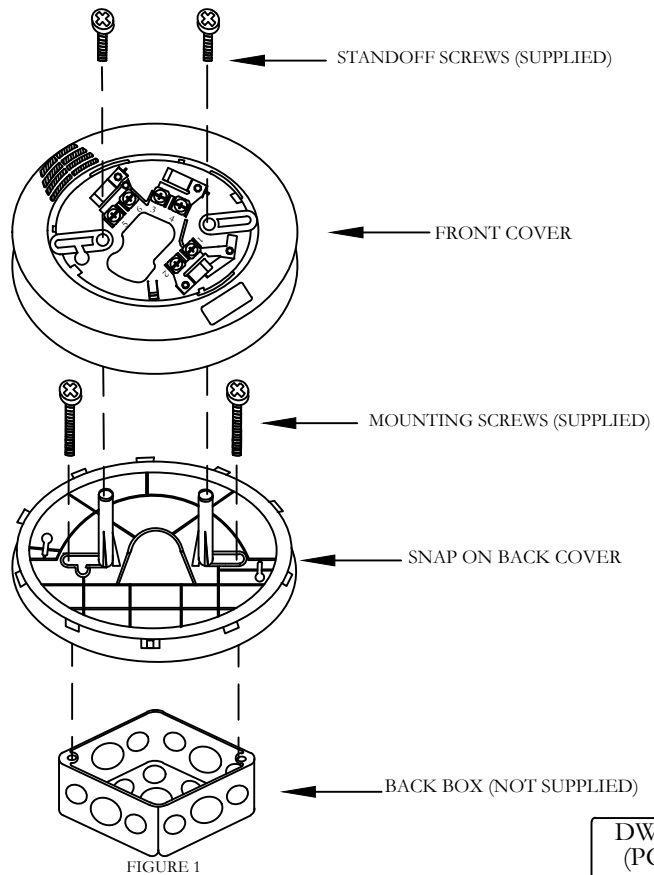
- Command selectable evacuation codes - Continuous, March or ANSI Temporal patterns.
- Uses the sensor address. Automatically assigns sensor address + 127, allowing 127 sensors and 127 ASB's on one loop.
- Alarmable and Resettable by zone or by individual address.
- ASB7 SLC loop cable resistance = 50 ohms Max (25 ohms per wire).
- High sound pressure level (85 dB SPL at 10 feet).



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.



DWG. # HA-06-449
PG 2 of 3, 03/22
PART# 1700-12700

Testifire 1000 or 2000 with TS3 or TC3:

1. Insert the battery baton, hold the Testifire head unit by the handle and depress the upper spring button on the battery baton. Align the button with the location hole in the handle and push the battery baton into the handle until the button springs up through the location hole.
2. Insert the other end of the battery baton into the Solo access pole and depress the lower spring button. Align it with the location hole and push the battery baton further into the pole until the button springs up through the hole.
3. Remove the capsule from its outer carton and Anti-Static bag.
4. Remove the spring clip protector cap from the new capsule.
5. Holding the capsule by spring clips with the label on the underside, carefully insert the new capsule into the capsule port. Push it into position, ensuring that the clips spring out positively on both sides of the capsule.
6. Close the access cover securely.
7. Program the tester to the following options available: Smoke, Heat or CO.
8. Raise Testifire over the sensor. The sensor should touch the base of the inner clear cup.
9. Lower Testifire from the sensor.

Testifire's LED Indications:

Blue Solid:	Smoke test in progress
Red Solid:	Heat test in progress
Green Solid:	CO test in progress
Green Slow Flashing:	Standby mode
Green Fast Flashing:	Operational mode
Red Flashing:	Battery needs charging, but still operational
Alternating Red/Green Flashing:	Timeout indication (after 2 minutes of continuous testing on one stimulus or combination of stimuli)
Red Solid:	Error
Green Solid:	CO cooling
Alternating Red/Green	CO cooling phase wait until standby mode status before continuing to test CO

To perform the CO test, the Panel must first be in test mode.
On the Panel:

Access Level 3 > Edit Configuration > Edit Device Attribute > Edit Device on Loop > Select detector (Enter) > Edit Modes > Select:

DAY: +S+FT+RoR+CO+COHb
NIGHT: +S+FT+RoR+CO+COHb

