POTTER
The Symbol of Protection

Features

- Integrated Sounder in base
- 75 dB (UL 464 Listed) sounder output
- Sounder independent of sensor, allows for a single station, grouped or all-call
- May be mapped to any device connected to the control panel
- Terminals accept 22 to 12 AWG wire sizes
- Supports Class A, Class X and Class B wiring
- Does not require SLC Loop address
- UUKL Listed for Smoke Control

ASSEMBLED IN THE USA

FM APPROVED

UL LISTED

Description

The Addressable Sounder Base 6" (PAD100-SB) is a sounder base that may be utilized in a variety of applications. The base has a locking feature for the sensor that may be used or removed in the field. Once the head is removed, the sounder is accessible in the bottom of the unit.

The base has an independent sounder module that may be programmed as a single station, zone or all call sounder. The PAD100-SB passes through the sound pattern sent to the sounder, therefore it may reproduce in any pattern the power supply provides.

The panel will support any combination of sensors or modules on the SLC. The PAD100-SB does not consume an address on the loop and is fully programmable to operate with any input. Once activated the sounder will also follow the input from the power source and de-activate accordingly.
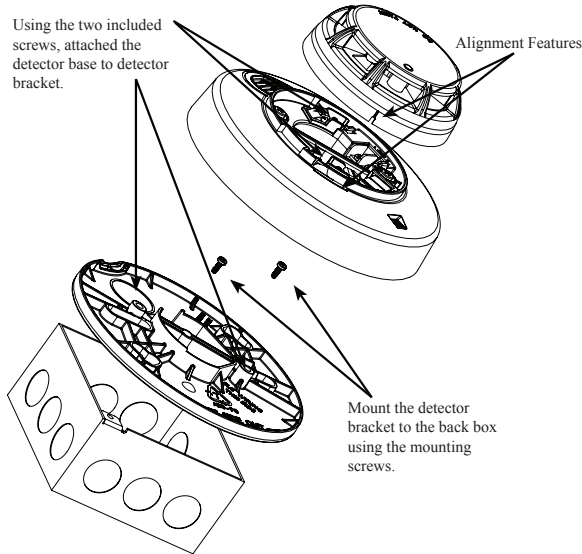
Technical Specifications

Working Range for SLC	24 VDC
Working voltage range for PWR	16 - 33 VDC
Active current for PWR	30 ma
Sound pressure level	75dB/10ft (min.) as per UL464
Installation temperature range	32°F to 120°F (0°C to 49°C)
Operating relative humidity range	0% to 93% (Non-condensing)
Start-up time	Max. 1 sec.
Maximum number of devices per zone	127
Color	Eggshell White
Dimensions (without detector)	Height: 0.75 in (19mm) Diameter: 6.3 in (166 mm)

Detector Base Mounting

PAD100-SB should be mounted directly on the electrical box. The mounting holes are configured for a single gang, double gang, octagon or 4" square box. See Fig. 1.
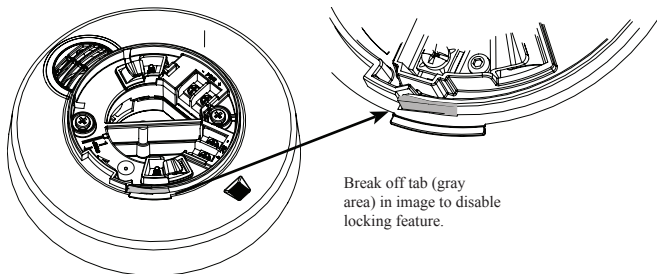
Fig. 1

Using the two included screws, attached the detector base to detector bracket.

Alignment Features

Mount the detector bracket to the back box using the mounting screws.

Locking Feature

Eliminate the Locking Feature

PAD100-SB include a locking feature that prevents removal of the detector and removal of the base cover without using a tool.

1. To eliminate this feature, break off the locking tab and then install the detector. See Fig. 2.
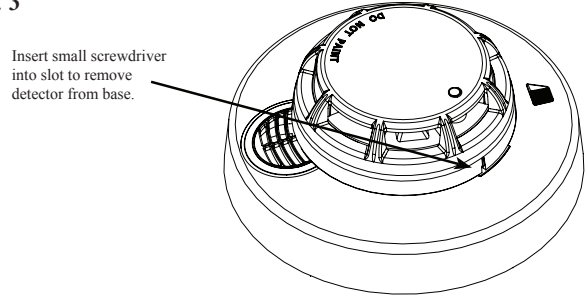
Fig. 2

Break off tab (gray area) in image to disable locking feature.

Removing of Detector Head from Base

2. To remove the detector from the base once the locking feature has been activated, insert a small screwdriver into the slot on the base to push the plastic tab while simultaneously turning the detector head counter-clockwise. See Fig. 3.

Fig. 3

Insert small screwdriver into slot to remove detector from base.

3. To remove the base cover from the lower enclosure once the locking feature has been activated, insert a small screwdriver into the slot on the on the base to push the plastic tab while simultaneously turning the detector head counter-clockwise.

Ordering Information

Model	Description	Stock No.
PAD100-SB	Addressable Sounder Base	3992729