6860

Remote Annunciator

Product Installation Document

1 Description

The 6860 is an optional 4x40 remote annunciator that can be surface or flush-mounted.

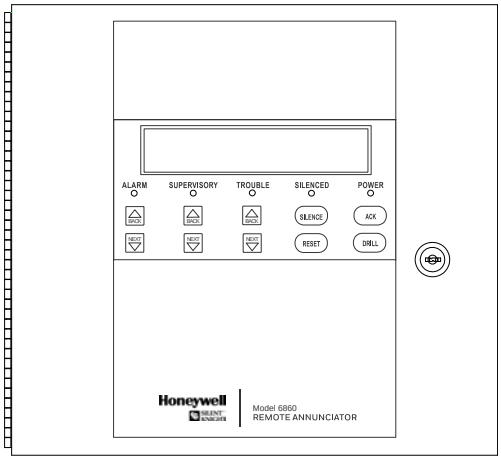

Figure 1 6860 Remote Annunciator

1.1 Compatibility

The 6860 is compatible with the Silent Knight Series FACPs. For more information, refer to the FACP Manual.

1.2 Specifications

Operating Voltage:		24VDC
Current	Standby Current:	35mA
	Alarm Current:	53mA
Operating Temperature:		32° to 120° F (0° to 49° C)
Dimensions	Flush Mount:	Overall: 12.25" W x 11.5" H x 0.875" D (31.1 cm W x 29.2 cm H x 2.2 cm D) Backbox: 9.25" W x 8.375"H (23.5cm W x 21.27cm H)
	Surface Mount:	Including trim ring: 12.25" W x 11.5" H x 3.0" D (31.1 cm W x 29.2 cm H x 7.6 cm D)

Table 1 Specifications

2 Installation

1. Ensure power is turned off at the panel.
2. Mount the 6860 in the desired location. See Section 2.1.
3. Connect the 6860 to the panel. See Figure 5.
4. Use the DIP switches on the back of the 6860 to assign an ID number. Refer to the FACP manual.
5. The 6860 module must be added to the system through FACP programming. JumpStart can be used to automatically add the module or it may be added manually. Refer to the *FACP Manual* for more information.

2.1 Mounting

2.1.1 Flush Mounting

Follow these steps to flush mount the 6860.

1. The backbox dimensions are 9.25" W x 8.375" H. The minimum depth required is 2". Mount the backbox using the mounting holes shown below.

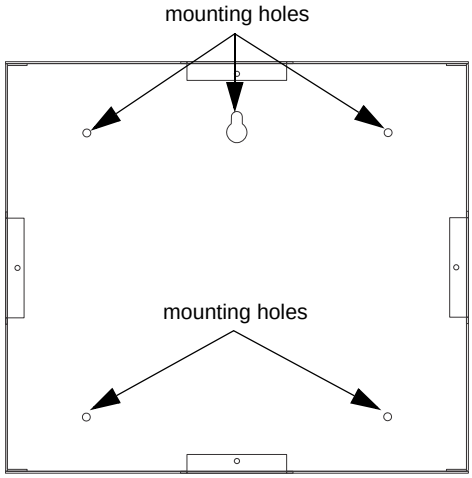

Figure 2 6860 Backbox Mounting

2. Remove knockouts as needed for wires. There are 10 knockouts available, two on each side and two in the back of the cabinet.
3. Wire the annunciator board to the main control panel as shown in Figure 5.

4. Attach the annunciator and door assembly to back box as shown below using the supplied screws.

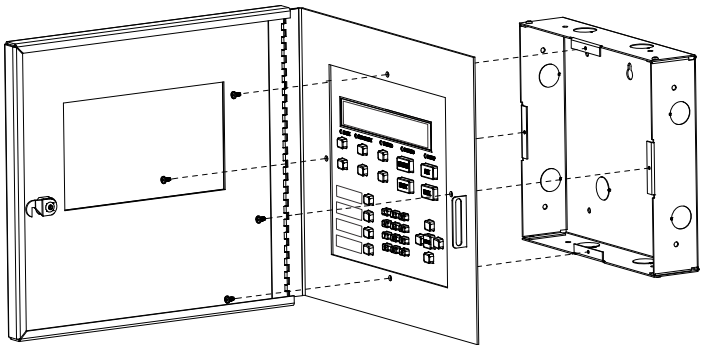

Figure 3 Attaching Annunciator/Door Assembly

2.1.2 Surface Mounting

The RA-100TR Red Trim Ring kit is available for use when surface mounting the 6860.

1. Remove the desired knockout.
2. Mark and pre-drill hole in the wall for the center top keyhole mounting bolt. Refer to Figure 2 for mounting hole locations.
3. Install center top fastener in the wall with the screw head protruding.
4. Place backbox over the top screw, level and secure.
5. Mark and drill the left and right upper and lower mounting holes.
6. Install remaining fasteners and tighten.
7. Run wires to the control panel. Refer to Figure 5.
8. Place the trim ring over the back box as shown below.

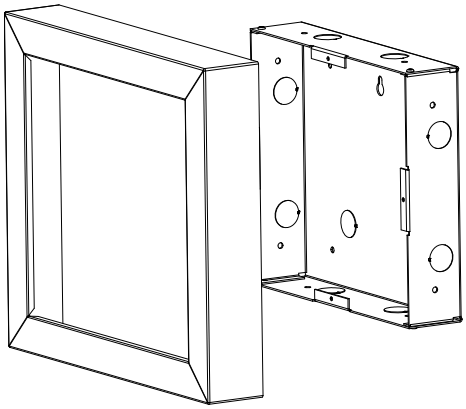

Figure 4 Installing Trim Ring

9. Attach the door assembly to the backbox using the screws provided. Refer to Figure 3.

3 Wiring Connections

Wire the 6860 to the FACP as shown in below.

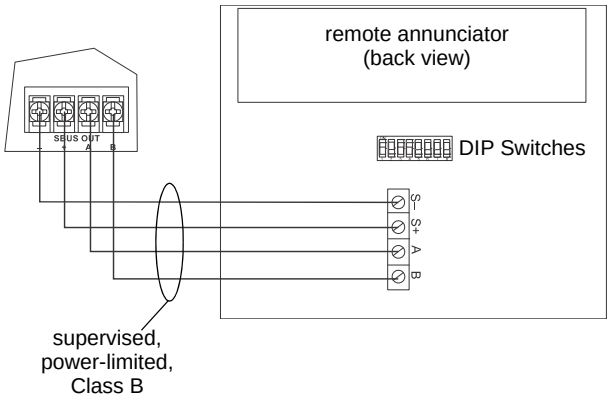

Figure 5 SBUS Connections

4 Setting the DIP Switches

4.1 Address Setting

Each SBUS device requires a unique address. DIP switches 1-6 on S1 are used to set the address. This address will be displayed on the LCD display as the Station ID number.

The maximum number of devices that can be connected to the SBUS communication circuit depends on the limitations of the FACP. Refer to the FACP manual for more information. SBUS device addresses do not need to be sequential and can be set to any number between 01 and 63. Note that 00 is not a valid address.

4.2 Communication Protocol

DIP switch 7 is used to determine the communication protocol of the 6860. Set DIP switch 7 to ON for SBUS protocol. This switch must stay in the ON position for proper functionality.

Ensure switch 7 is ON

Incorrect setting

4.3 End-of-Line Resistor

The end-of-line termination resistor must be enabled at S1 DIP switch 8 on the last device on the communication circuit. All other annunciators should have these switches set to disable.

termination enabled

termination disabled

Honeywell Silent Knight
12 Clintonville Road
Northford, CT 06472-1610
203.484.7161
www.silentknight.com

LS10174-001SK-E | C | 06-22

Honeywell