SILENT KNIGHT
by Honeywell

RA-2000 Remote Annunciator Installation

The optional Model RA-2000 red remote annunciator, shown in Figure 1, performs the same functions as the on-board annunciator. Operation is identical. The RA-2000 can be surface or flush mounted and is available in gray color as RA-2000GRAY.

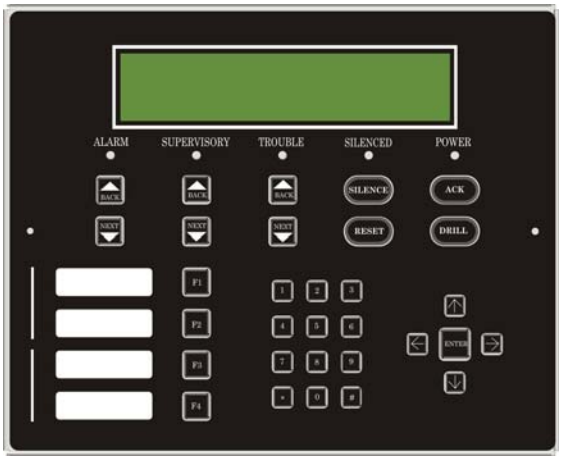


Figure 1: Model RA-2000 Remote Annunciator

RA-2000 installation involves the following steps:

1. Make sure power is off at the panel.
2. Mount the RA-2000 in the desired location (see Section “Mounting the RA-2000”).
3. Connect the RA-2000 to the panel (see Figure 2).
4. Use the dipswitches on the back of the RA-2000 to assign an ID# to the RA-2000 (see Section 4.10.1 of Manual P/N 151430).
5. The RA-2000 module must be added to the system through programming. JumpStart Auto Programming will add the module automatically (refer to Manual P/N 151430).

Wiring Connections

Wire the RA-2000 to the FACP as Shown in Figure 2.

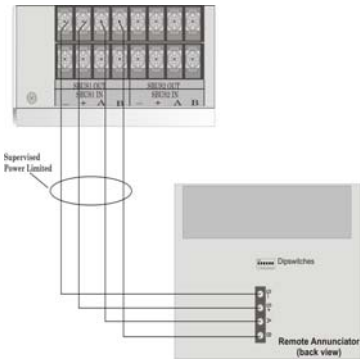


Figure 2: SBUS Connections

Specifications

Parameter		Value
Operating Voltage:		24 VDC
Current	Standby:	25 mA
	Alarm:	50 mA
Operating Temperature:		0° to 49° C (32° to 120° F)
Dimensions:	Flush Mount:	Overall: 12-1/4” W x 11.5” H x 7/8” D 31.1 cm W x 29.2 cm H x 2.2 cm D See “Flush Mounting” for back box dimensions.
	Surface Mount:	Including trim ring: 12-1/4” W x 11.5” H x 3” D 31.1 cm W x 29.2 cm H x 7.6 cm D

Mounting the RA-2000

This section of the manual describes mounting the remote annunciator. The annunciator can be flush- or surface-mounted.

Flush Mounting

This section of the manual describes flush mounting.

Follow these steps to flush mount the RA-2000

1. The back box dimensions are 9-3/8” w x 8-3/8” h. The minimum depth 2". The back box can be mounted prior to the complete installation of the RA-2000 using any of the mounting holes shown in Figure 3.

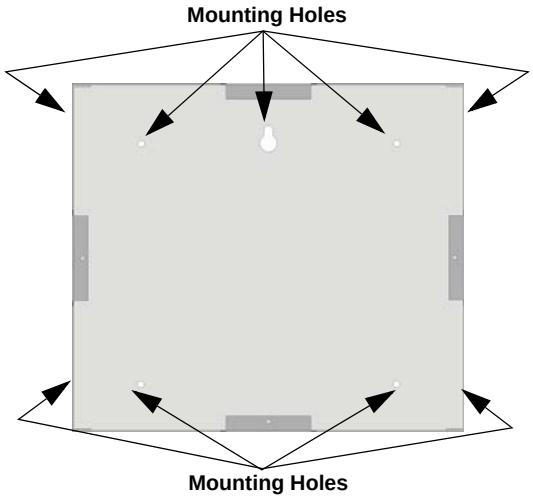


Figure 3: Back Box Mounting Holes

2. Remove knockout holes as needed for wires. See Figure 4

for backbox knockout locations

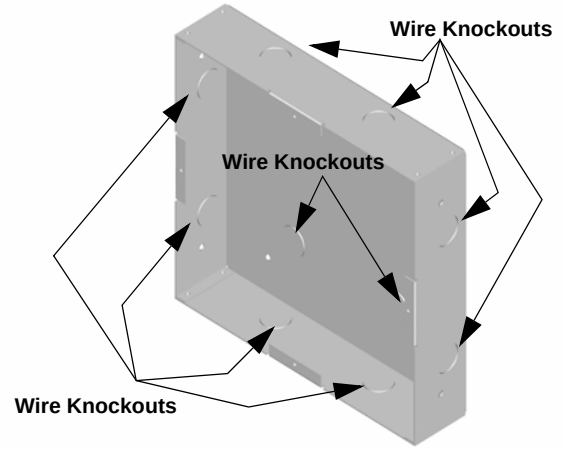


Figure 4: Back Box Knockout Locations

3. Wire the Annunciator board to the main control panel. See Figure 2.
4. Attach the annunciator and door assembly to back box as shown in Figure 5 using the supplied screws.

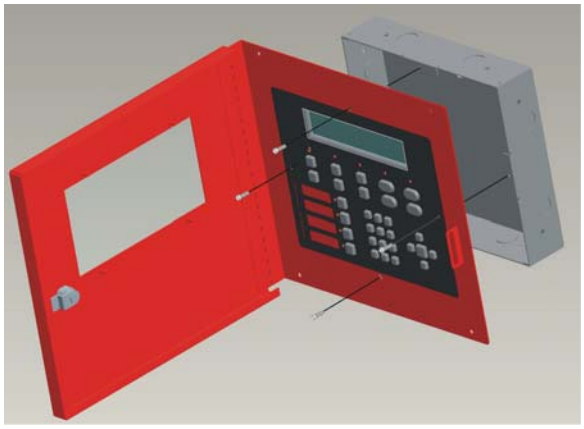


Figure 5: Attaching Annunciator/Door Assembly to Backbox

Surface Mounting

The Model RA-2000TR red trim ring and RA-2000GRAYTR gray trim ring kits are available for use when surface mounting.

1. Remove the desired knock out. See Figure 4.
2. To properly mount the back box, insert a single screw into the key shaped mounting hole. Do not tighten all the way. See Figure 6.

   Place a level on top of the back box, with the back box level insert the rest of the mounting screws.

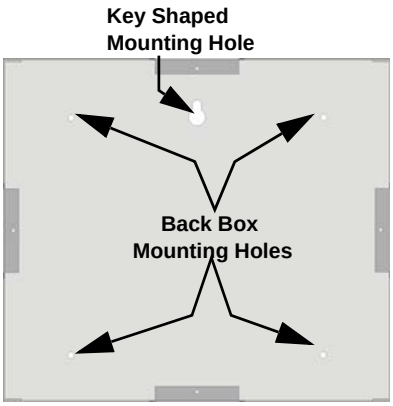


Figure 6: Back Box Surface Mount Holes

3. Run wires to the control panel.
4. Place the trim ring over the back box as shown in Figure 7.

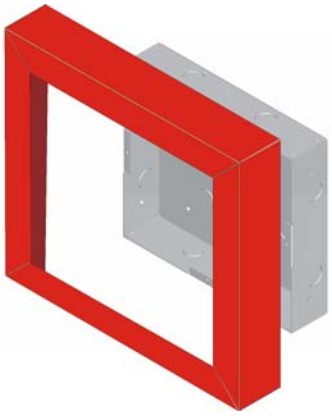


Figure 7: Installing Trim Ring

5. Attach the Door assembly to the back box using screws provided.
6. After the annunciator wiring to the panel has been completed, replace the electronic assembly in the back box. Place the bezel over the back box and tighten the set screws on the bezel.

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