RA-2000 Remote Annunciator Installation Instruction

The RA-2000, an optional 4x40 Remote Annunciator, is shown in Figure 1. The RA-2000 can be surface or flush-mounted and is available in gray color as RA-2000GRAY.

Figure 1: Model RA-2000GRAY Remote Annunciator

Compatibility

The RA-2000 is compatible with Honeywell's Farenhyt Series FACP's.

Note: For more information, see the FACP Installation manual.

Specifications

Parameter		Value
Operating Voltage:		24VDC
Current	Standby:	25mA
	Alarm:	50mA
Operating Temperature:		0° to 49° C (32° to 120° F)
Dimensions:	Flush Mount:	Overall: 12¼" W x 11½" 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: 12¼" W x 11½" H x 3" D 31.1 cm W x 29.2 cm H x 7.6 cm D

Mounting

Flush Mounting

Follow these steps to flush mount the RA-2000

1. The backbox measures 9-1/4" W x 8-3/8" H. The backbox can be mounted prior to the complete installation of the RA-2000 using any of the mounting holes shown in Figure 2.
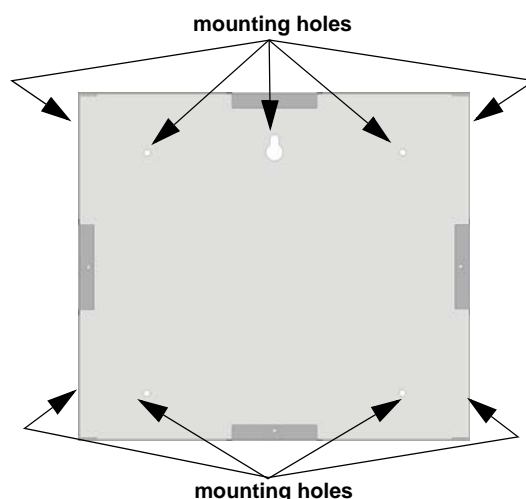

Figure 2: Backbox Mounting Holes

2. Remove knockout holes as needed for wires. See Figure 3 for backbox knockout locations
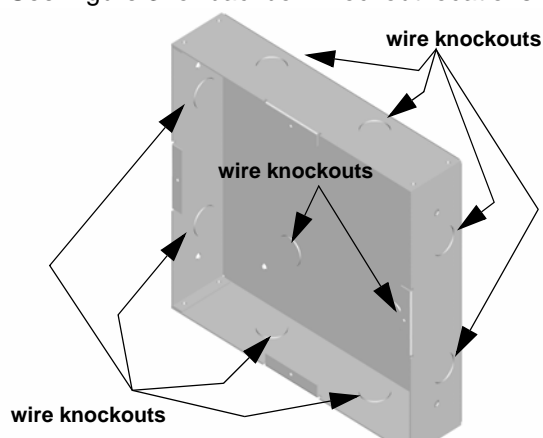

Figure 3: Backbox Knockout Locations

3. Wire the annunciator board to the main control panel. See Figure 7.
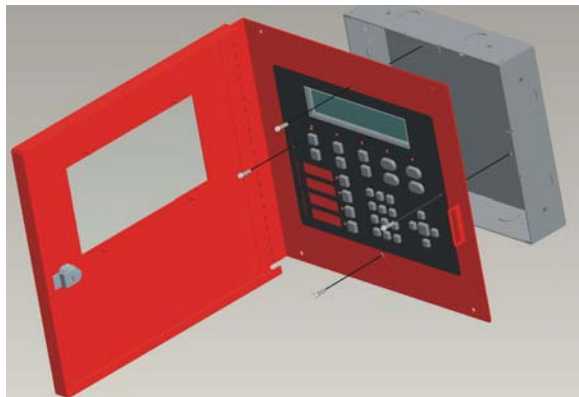4. Attach the annunciator/door assembly to backbox as shown in Figure 4 using the supplied

screws.

Figure 4: Attaching Door Assembly to Backbox

Surface Mounting

1. Remove the desired knockout. See Figure 3.
2. To properly mount the backbox, insert a single screw into the key shaped mounting hole. Do not tighten all the way. See Figure 5.Place a level on top of the backbox, with the backbox level insert the rest of the mounting screws.
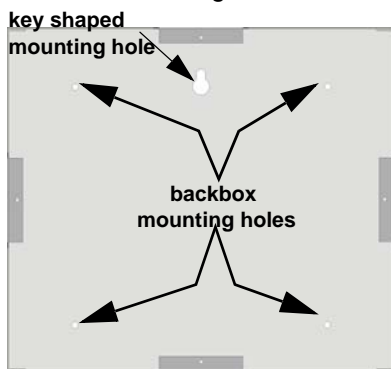

Figure 5: Backbox Surface Mount Holes

3. Connect wires from the RA-2000 to the SBUS connectors on the FACP. See Figure 7.
4. The RA-2000TR or RA-2000GRAYTR ring trim kits are available for use when surface mounting. Place the trim ring over the backbox as shown in Figure 6.
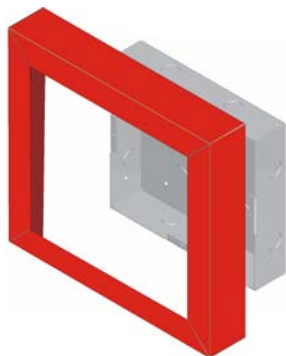

Figure 6: Installing Trim Ring

5. Attach the annunicator/door assembly to the

backbox using screws provided (see Figure 4).
6. Replace the electronic assembly in the backbox.

Wiring Connections
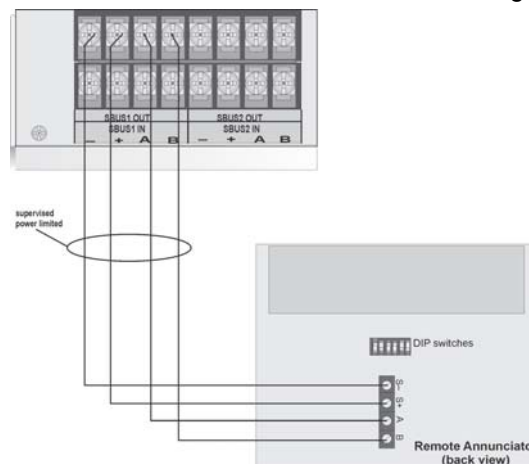Wire the RA-2000 to the FACP as Shown in Figure 7.

Figure 7: SBUS Connections

Installation

1. Ensure power is turned off at the panel.
2. Mount the RA-2000 in the desired location.
3. Connect the RA-2000 to the panel (see Figure 7).
4. Use the DIP switches on the back of the RA-2000 to assign an ID number. (See FACP manual).
5. The RA-2000 module must be added to the system through programming. JumpStart® will add the module automatically. Refer to the FACP manual for more information.

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