



TR-RD2R/TR-RD2G Remote Annunciator Product Installation Document

PN LS10261-002TR-E:A 05/04/21 ECN: 151608

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1 Description

The TR-RD2R/TR-RD2G is an optional 4x40 Remote Annunciator. Figure 1 shows the TR-RD2R/TR-RD2G. The TR-RD2R/TR-RD2G can be surface or flush-mounted.



Figure 1 Model TR-RD2R/TR-RD2G Remote Annunciator

1.1 Compatibility

Use the TR-RD2R/TR-RD2G with the compatible Triga Series, Fire Alarm Control Panels, (FACPs). For additional information, refer to the following FACP Installation Manuals.

Document	Document Part Number
TR-2100ECS Manual	LS10143-003TR-E
TR-RPS1 Manual	LS10259-002TR-E
Triga ECS Manual	LS10262-002TR-E

1.2 Specifications

The specifications are as follows.

Parameter	Value
Operating Voltage:	24VDC
Current	Standby: 24mA
	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 (31.1cm W x 29.2cm H x 2.2cm D) See "Flush-Mounting" on page 1 for backbox dimensions.
	Surface-Mount: Including trim ring: 12¼" W x 11½" H x 3" D (31.1cm W x 29.2cm H x 7.6cm D)

Table 1.1 Specifications

2 Mounting

2.1 Installation

1. Ensure the power is turned off at the panel.
2. Mount the TR-RD2R/TR-RD2G in the desired location.
3. Connect the TR-RD2R/TR-RD2G to the panel (see Figure 7).
4. To assign an ID number, use the DIP switches on the back of the TR-RD2R/TR-RD2G. (Refer to the FACP Manuals in Section 1.1).
5. Use the JumpStart® programming to add the TR-RD2R/TR-RD2G module to the System. The Program will automatically add the module to the System.

2.2 Flush-Mounting

To flush-mount the TR-RD2R/TR-RD2G, refer to the following steps.

1. The backbox measures 9-1/4" W x 8-3/8" H (23.49cm W x 21.28cm H).

Use any of the mounting holes shown in Figure 2 to mount the backbox prior to completing the TR-RD2R/TR-RD2G installation.

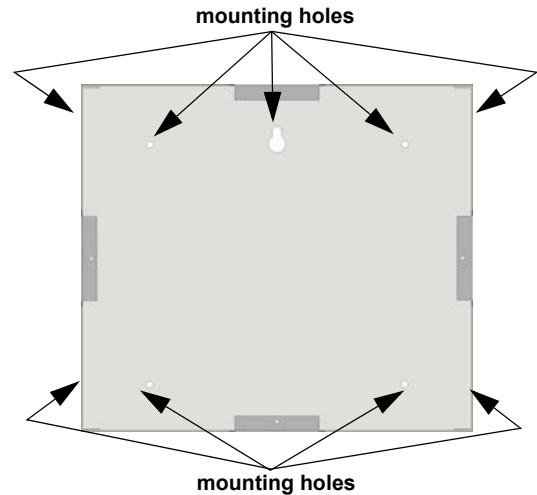


Figure 2 Backbox Mounting Holes

2. Remove the knockout holes to pull through the wires, as needed. See Figure 3 to identify the backbox knockout locations.

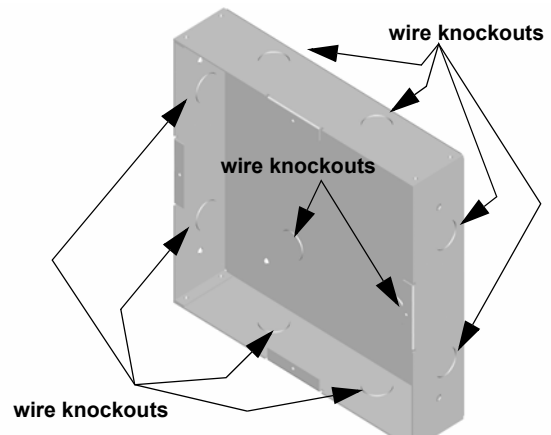


Figure 3 Backbox Knockout Locations

3. Wire the annunciator board to the main control panel. See Figure 7.
4. To attach the annunciator/door assembly to the backbox as shown in Figure 4, use the supplied screws.

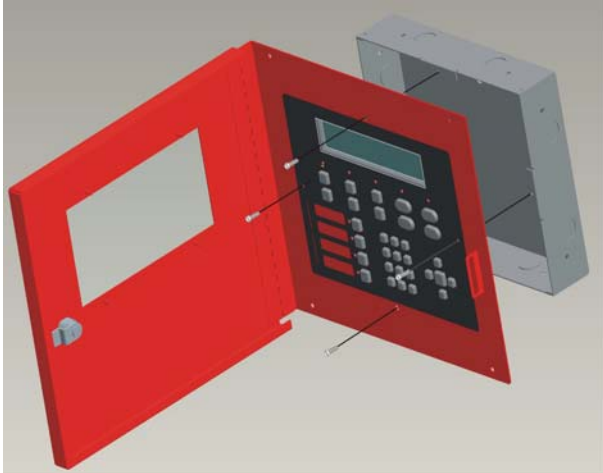


Figure 4 Attaching Door Assembly to Backbox

2.3 Surface-Mounting

1. Remove the desired knockouts from the backbox. 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 and with the backbox level, insert the rest of the mounting screws.

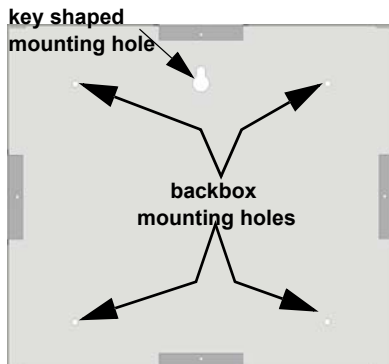


Figure 5 Backbox Surface Mounting Holes

3. Connect the wires from the TR-RD2R/TR-RD2G 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.
5. Place the trim ring over the backbox as shown in Figure 6.

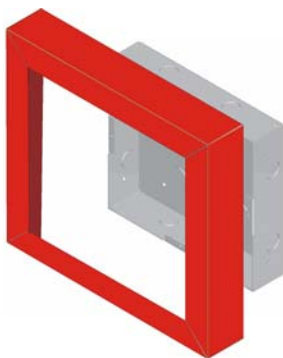


Figure 6 Trim Ring Installation

6. Attach the annunciator door assembly to the backbox, using the screws provided (see Figure 4).
7. Replace the electronic assembly in the backbox.

3 Wiring Connections

Wire the TR-RD2R/TR-RD2G to the FACP as shown in Figure 7.

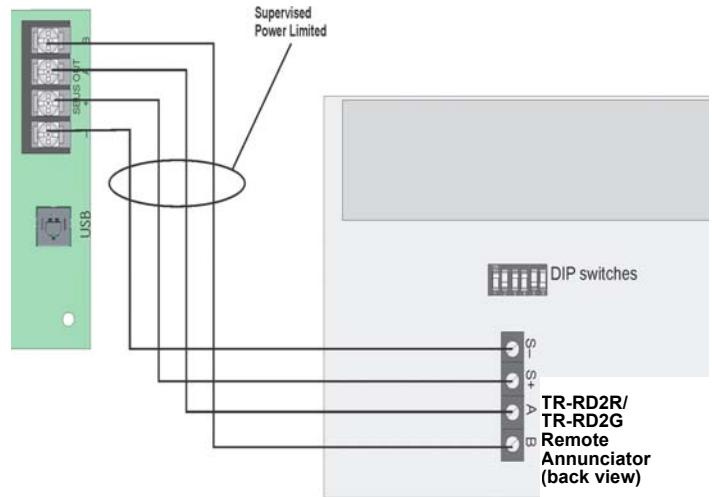


Figure 7 SBUS Connections