



TRIGA Life Safety Systems, LLC  
7600 Olde Eight Rd, Hudson, Ohio, 44236-1057  
Tel: +1 330-577-5199, Email: info@trigaglobal.com

# TR-50WBU Intelligent 50-Watt Dual Channel Amplifier Product Installation Document

PN LS10059-002TR-E:A 02/10/2021 ECN: 151608

## 1 Description

The TR-50WBU is an Intelligent 50 Watt Dual Channel Amplifier with an optional backup amplifier. It provides backup capability when operating the TR-DUAL50W in the 100 watt with backup mode for both the single and the dual channel setups.

### 1.1 Compatibility

The TR-50WBU is compatible with the Triga Series TR-2100ECS Fire Alarm Control Panel FACP. For additional information, refer to the following documents. You can download the documents from the Triga website, [www.trigaglobal.com](http://www.trigaglobal.com).

- TR-2100ECS Manual P/N: LS10143-003TR-E
- TR-DUAL50W Manual P/N: LS10262-002TR-E

## 2 Installation Mounting

The TR-50WBU mounts above the TR-DUAL50W board on the stand-offs provided.

1. Remove the AC power from the TR-DUAL50W.
2. Disconnect the backup batteries from the TR-DUAL50W.
3. Connect one end of the supplied wiring harness (P/N 50116775-001) from the connector labeled "Backup Amplifier" on the TR-DUAL50W to the connector on the TR-50WBU as shown in Figure 2.
4. Use the four supplied screws to mount the TR-50WBU to the standoff's as shown in Figure 2.
5. Restore the AC Power.
6. Reconnect the backup batteries.

Figure 1 shows the TR-50WBU mounted to the panel.

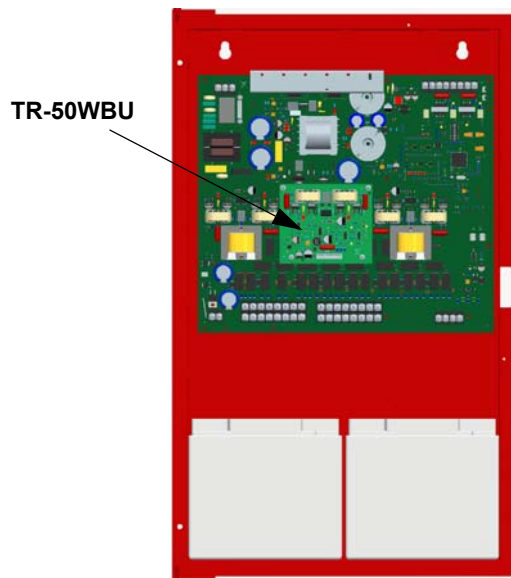


Figure 1 Mounting Location for the TR-50WBU

## 3 Wiring

Figure 2 illustrates the wiring harness connection.

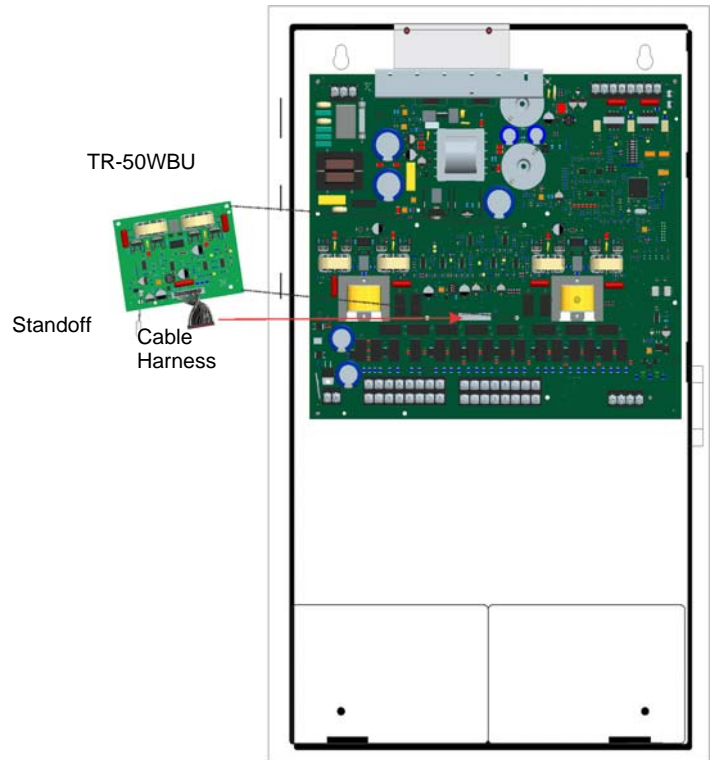


Figure 2 Wiring Harness Connection