



TR-STSR/TR-STSS Single Telephone Station Product Installation Document

PN LS10308-001TR-E:A 02/03/21 ECN: 151608

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1 Description

The TR-STSR (recessed) and TR-STSS (surface mount) single Telephone Stations are used with the TR-FFT Series Fire Fighter's Telephone.

The TR-STSR/TR-STSS are compatible with the Triga Fire Fighters Telephone TR-FFT Series. The Single Telephone Station Series has a handset with a push-to-talk switch that is used for communication with the main FFT controller or the other remote handsets.

Figure 1 shows the single mount telephone station. Figure 2 shows the backbox with the mounting holes.

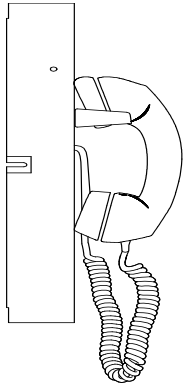


Figure 1 Telephone Chassis

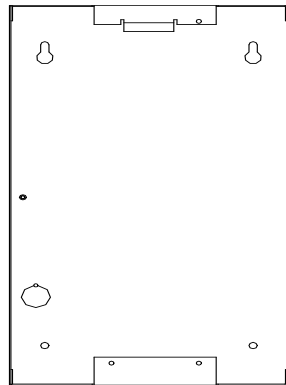


Figure 2 Backbox

1.1 Compatibility

The TR-STSR/TR-STSS is compatible with the Triga Series Fire Fighter Telephone. For additional information, refer to the following Installation Manuals. The documents are located on the Triga website, www.trigaglobal.com.

Document	Document Part Number
TR-2100ECSR Manual	LS10143-003TR-E
TR-RPS1 Manual	LS10259-002TR-E
Triga ECS Manual	LS10262-002TR-E
TR-FFT Manual	LS10309-001TR-E

2 Installation

2.1 Water Damage Protection

It is important to protect the TR-STSR and its contents from water. To prevent the water damage, follow the mounting requirements listed below:

- Do not mount the station directly on exterior walls, especially masonry walls (condensation).
- Do not mount the station directly on exterior walls below grade (condensation).
- Protect the station from the plumbing leaks.
- Protect the station from splash caused by sprinkler inspection ports.
- Do not mount the station in areas with humidity-generating equipment (such as dryers, production machinery).
- Mount the station in an area that always remains within the following temperature and humidity range: 0°C-49°C (32°F-120°F) and 10%-93% at 30°C (86°F) non-condensing.
- Mount the station in an indoor, dry location.



WARNING: THE ELECTRONIC COMPONENTS ON THE TR-STSR/TR-STSS ARE SENSITIVE TO ELECTROSTATIC DISCHARGE. WEAR A GROUNDING STRAP WHEN YOU HANDLE ANY OF THE BOARDS.

2.2 Mounting Options

There are two options to mount the TR-STSR (recessed) and TR-STSS (surface mount). Figure 3 shows the components of the Breakglass Kit.

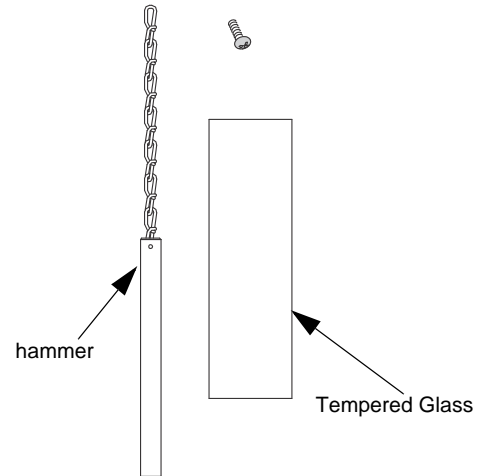


Figure 3 Breakglass Kit

Figure 4 shows the TR-STSR recessed-mount door with the keylock.

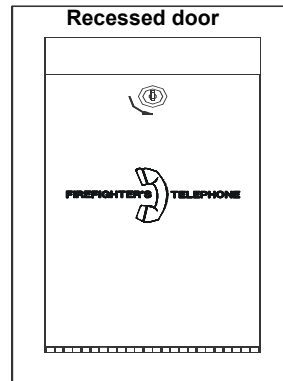


Figure 4 TR-STSR Recessed-Mount Door with Keylock

Figure 5 shows the TR-STSS surface-mount door with the keylock.

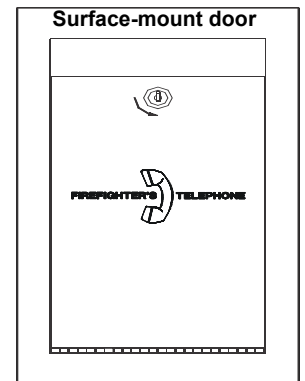


Figure 5 TR-STSS Surface-Mount Door with Keylock

3 System Wiring

The following list the wiring specifications.

- Riser Wiring Resistance (maximum) 50 ohms
- Wiring Distance at 14AWG (maximum) 10,000 ft. (3048 m)



WARNING: THE SYSTEM WIRING FOR TELEPHONES WITH COILED CORD HANDSETS MUST NOT BE CONNECTED TO THE OUTSIDE WIRING. ALSO, DO NOT RUN THE SAME CONDUIT OR CABLE TRAY AS THE POWER OR CABLE TV LINES.

3.1 Telephone Wiring Connection

After the enclosure is mounted and the system wiring is completed, assemble the telephones with the coiled cord handsets. To assemble the telephones with the coiled cord handsets, refer to the following steps.

1. Attach the system wiring to the terminal block on the telephone chassis assembly.
2. Insert the 6-32 nut in the backbox. Do not tighten the 6-32 nuts.
3. Position and connect the telephone chassis assembly in the backbox.
4. To install the trim ring on the backbox, use the 6-32 wing nuts. Do not tighten the 6-32 nuts.
5. Position and install the door assembly. To secure the door assembly, tighten the wing nuts.

Figure 6 shows the wiring assembly of the TR-STSR/TR-STSS telephone connection.

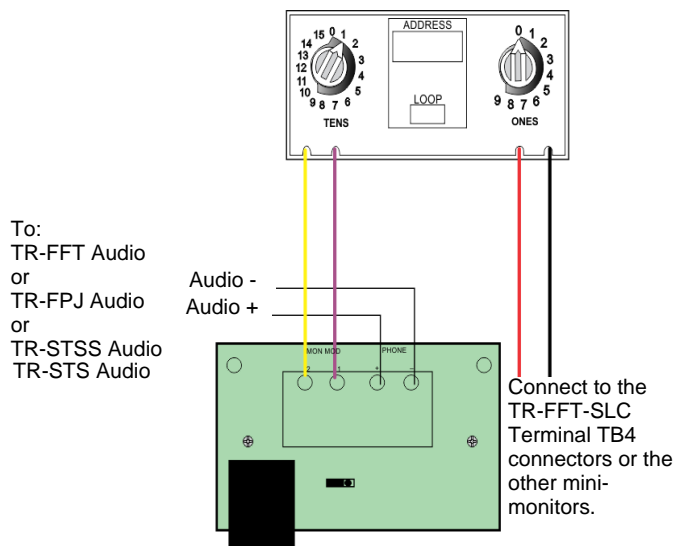


Figure 6 TR-STSR/TR-STSS Telephone Connection