

## TST-902 8.7" Wireless Touch Screen

### DO Install the Battery Pack

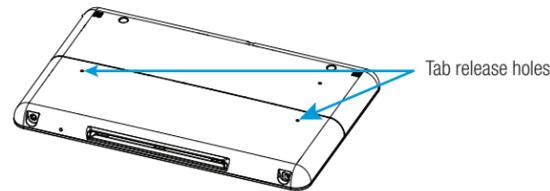
**NOTE:** The Crestron® TST-902 wireless touch screen contains electrostatic discharge (ESD) sensitive devices. To avoid damaging the unit, perform the following procedure while wearing a grounding strap that is properly grounded or while working on a grounded workstation.

**NOTE:** To prevent damage to the multipin connector and wiring, use care when handling the battery pack.

**NOTE:** The battery pack is enclosed in a black plastic overwrap that is meant to stay on the battery permanently. It must not be removed.

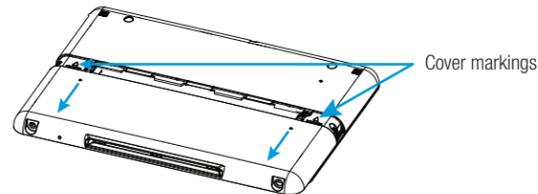
Perform the following procedure to install the battery pack in a TST-902:

1. Insert the included pin tool into one of the two tab release holes on the back of the unit, and then slide the bottom cover downward to release the tab on that side.

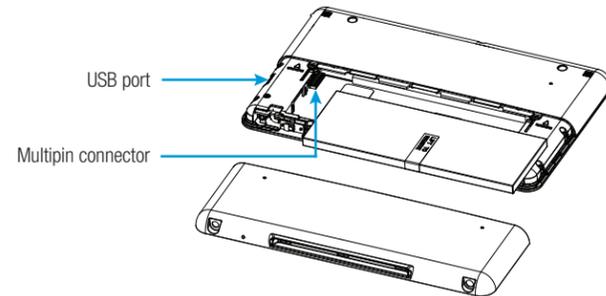


2. Insert the pin tool into the other tab release hole, and then slide the bottom cover downward to release the tab on that side.

3. Slide the bottom cover downward about 3/4" (19 mm) to expose the cover markings, and then lift the cover to remove it.



4. Orient the battery pack so the "Lift to Remove" tag is visible and the multipin connector is positioned on the left.



5. Ensure that the pin side of the multipin connector on the unit is facing upward, and then connect it to the battery pack.



### DO Check the Box

QUANTITY	PRODUCT	PART NUMBER
1	Battery Pack, Rechargeable, TST-902-BTP	4513771
1	Docking Station, TST-902-DS	4517187
1	Power Cord, 6' 7" (2 m)	2001134
1	Power Pack, 24 Vdc 0.75 A, 100-240 Vac	2048337
1	Tool, T-Pin	2020478

6. Gently place the battery pack in the battery compartment of the touch screen.

7. Reattach the battery compartment cover to the device by placing it on the back of the touch screen below the cover markings, and then slide it up into place.

To charge the battery pack, mount the touch screen on its included docking station, and then connect the docking station to ac power.

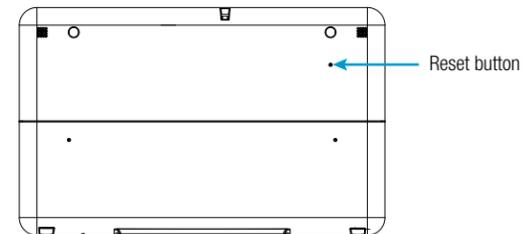
**NOTE:** If the touch screen is in use while charging, the battery pack may take up to 6 hours to charge.

**NOTE:** Upon the initial installation of the battery, allow the touch screen to charge completely overnight before removing it from the dock.

**NOTE:** The battery pack should be replaced every 18 to 24 months under normal use.

### DO Access the Setup Screens

The setup screens enable basic configuration prior to regular operation of the TST-902. If no project is loaded, tap the screen to access the setup screens. If a project is loaded, access the setup screens by using the included pin tool to press the reset button four times within a 5-second period.



### DO Set Up a Basic Wireless Connection

Before a TST-902 can be used with a Crestron control system, it must be acquired by a Crestron extended range (ER) wireless gateway (sold separately). To acquire a TST-902, perform the following procedure:

1. Use a stylus or other thin-tipped object to press **ACQUIRE** on the gateway to enter Acquire mode. The accompanying LED illuminates, indicating the unit is ready to link with the touch screen.
2. Tap **RF Setup** on the TST-902 main Setup screen to display the **RF Setup** screen. Then, place the TST-902 into Acquire mode by tapping **Acquire** on the **RF Setup** screen. The screen displays an "Acquire in progress" message, and the TST-902 is automatically acquired by the gateway within 2 minutes.



3. When the screen displays an "Acquire OK" message, press **ACQUIRE** on the gateway to exit Acquire mode. The LED turns off.



### DO Set Up a Wi-Fi Connection

**NOTE:** In the absence of a Wi-Fi® network connection, the USB port behind the battery cover can be used for project loads, configuration, and firmware updates. (To locate the USB port, refer to the illustration in step 4 of "DO Install the Battery Pack.")

Perform the following procedure to set up a Wi-Fi connection for the TST-902:

1. From the main screen, tap **WiFi Setup** to display the **WiFi Setup** screen.



2. If using a static IP address, tap **Set Static IP Address Settings** to display the **WiFi Setup - Static IPs** screen. If using DHCP, skip to step 5 to connect to a Wi-Fi access point.



- Use the **WiFi Setup - Static IPs** screen to edit the **Static IP address**, **Static Subnet Mask**, **Static Default Router**, **Preferred DNS**, and **Alternate Preferred DNS** fields. Tap each field to display a keypad for entering each new setting.



- Tap the arrow icon in the upper right corner of the screen to return to the **WiFi Setup** screen. Then, tap **Apply Changes** to apply the new settings. (Refer to the image for step 2 on the previous page.)

- Tap **Select a WiFi Access Point** on the **WiFi Setup** screen to display the **Connect to a WiFi Access Point: 1-2-3** screen.



- Choose from the list of available access points that are displayed on the left side of the screen. Once an access point is selected, the name and the security type for that access point are displayed on the right side of the screen.



- Tap the **Password** field to display a keyboard, and then enter the password for the selected access point. Once the password is entered, tap **Save**.

- Tap **Step 3 - Make this my Access Point** to confirm the access point for the Wi-Fi connection.

## DO Configure the Device

Use the setup screens to configure various settings for the TST-902, including RF setup, audio setup, display setup, standby timeout, Wi-Fi setup, and diagnostics. For more information on configuring the TST-902, refer to the TST-902 Supplemental Guide (Doc. 7750) at [www.crestron.com/manuals](http://www.crestron.com/manuals).

## DO Reset the Device

To reset the TST-902, use the included pin tool to press and hold the reset button for 5 seconds.

## DO Learn More

Visit the website for additional information and the latest firmware updates. To learn more about this product, use a QR reader application on your mobile device to scan the QR image.

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**CE** As of the date of manufacture, the product has been tested and found to comply with specifications for CE marking.

### Federal Communications Commission (FCC) Compliance Statement

This device complies with part 15 of the FCC Rules. Operation is subject to the following conditions:

- This device may not cause harmful interference and (2) this device must accept any interference received, including interference that may cause undesired operation.

**CAUTION:** Changes or modifications not expressly approved by the manufacturer responsible for compliance could void the user's authority to operate the equipment.

**NOTE:** This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation.

If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

### Industry Canada (IC) Compliance Statement

CAN ICES-3 (B)/NMB-3(B)

### Electrical Connection

"This product must be connected to an earthed mains socket-outlet."

- Finland: "Laitte on liitettävä suojaadoituskoskettimilla varustettuun pistorasiaan."
- Norway: "Apparatet må tilkoples jordat stikkontakt."
- Sweden: "Apparaten skall anslutas till jordat uttag."

### RF Exposure (OET Bulletin 65):

To comply with FCC's RF exposure limits for general population/uncontrolled exposure, this transmitter must be installed to provide a separation distance of at least 20 cm from all persons and must not be colocated or operating in conjunction with any other antenna or transmitter.

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