

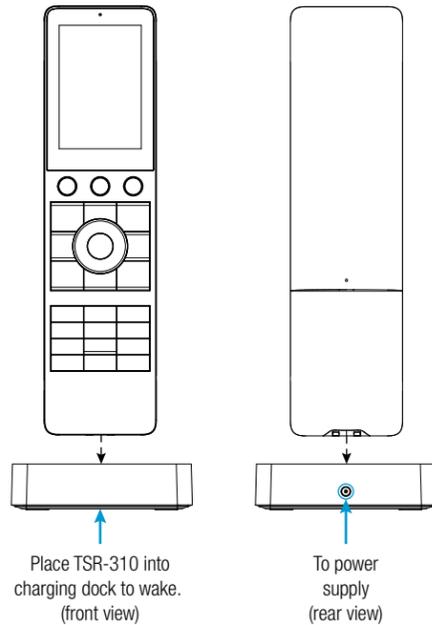
TSR-310 Handheld Touch Screen Remote

DO Charge the Battery

CAUTION: Do not attempt to remove the TSR-310 battery. If the TSR-310 battery must be replaced, refer to the TSR-310-BTP Installation Guide (Doc. 8227) at www.crestron.com/manuals.

The Crestron® TSR-310 ships in low power mode to conserve the battery charge. To charge the TSR-310 battery:

1. Apply power to the charging dock using the power supply.
2. Place the TSR-310 into the charging dock as shown in the illustration below. Prior to operation, allow the remote to remain in its charging dock for up to three hours until fully charged.



To check the battery level, access the setup screens as described in the “DO Set Up the Device” section below. The battery level is displayed in the top right corner of the main setup screen.

DO Set Up the Device

Once the TSR-310 wakes from low power mode, a splash screen is displayed. For first time setup, tap the screen to access the setup screens.

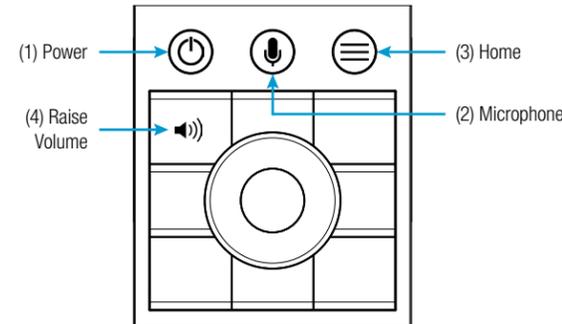
Splash Screen



Main Setup Screen



To access the setup screens during normal operation, press the power (1), microphone (2), home (3), and raise volume (4) buttons twice, in this order, within five seconds. Refer to the illustration below for button locations on the TSR-310.



NOTE: The keypad backlight on the TSR-310 illuminates when the remote is handled, regardless of the room’s ambient light level.

Configure various settings for the TSR-310, including the display setup, wireless setup, IP table setup, timeout durations, and diagnostics from the setup screens.

The TSR-310 also provides a web configuration interface that is used to view and configure various TSR-310 settings.

To access the web configuration interface, connect to a Wi-Fi® network, then use the Device Discovery tool in Crestron Toolbox™ software to discover the TSR-310 and its IP address on the network or enter the TSR-310 IP address into a web browser.

NOTE: To reset the TSR-310, press and hold the power button (1) and the home button (3) simultaneously for eight seconds. Refer to the illustration above for button locations on the TSR-310. If the TSR-310 does not reset after this procedure is performed, place the TSR-310 on the charging dock to initiate the reset.

For more information, refer to the TSR-310 Supplemental Guide (Doc. 8226) at www.crestron.com/manuals.

DO Update the Device

Firmware updates require a wired or wireless connection to Crestron Toolbox.

- If the TSR-310 battery level is over 40%, firmware updates may be applied while the remote is off of the charging dock (undocked)
- If the TSR-310 battery level is below 40%, the TSR-310 must be placed on the charging dock prior to applying firmware updates.

To apply firmware updates via a wired connection, connect to the micro USB port inside the battery compartment. The USB port is accessible only while the TSR-310 is undocked.

For more information on performing a firmware update, refer to the TSR-310 Supplemental Guide (Doc. 8226) or the embedded Crestron Toolbox help file.

DO Check the Box

QUANTITY	ITEM	PART NUMBER
1	Power Pack, 5 Vdc 2.6 A, 100-240 Vac, PW-0526WU	2050124
1	Tool, T-Pin	2050937

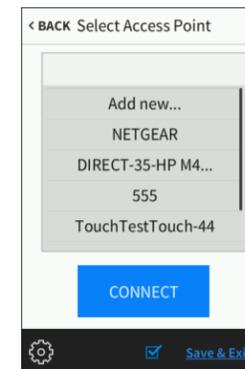
DO Set Up a Wi-Fi Connection

Select an Access Point

To configure the wireless access point (WAP) for optimal performance with the TSR-310, refer to the TSR-310 Wireless Access Points Configuration Guide (Doc. 8309) at www.crestron.com/manuals.

To set up a Wi-Fi network connection:

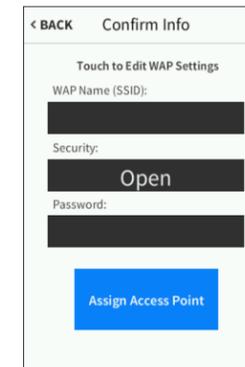
1. Tap **Wireless Setup** on the main setup screen to display the **Wireless Setup** screen.
2. Tap **Connect to WAP** on the **Wireless Setup** screen to display the **Select Access Point** screen.



If the desired WAP is already listed, tap the access point, tap **Connect**, and proceed to step 8. Otherwise, continue to add and connect a new access point.

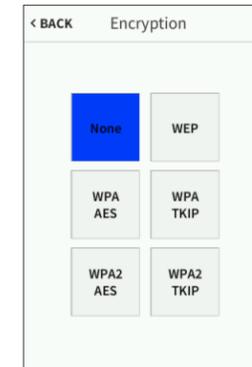
NOTE: The TSR-310 notifies the user if the desired WAP is not included in Crestron’s recommended list of WAP brands. For a complete list of recommended WAP brands, refer to the TSR-310 Supplemental Guide (Doc. 8226).

3. Tap **Add New** in the list of access points, and then tap **Connect**. The **Confirm Info** screen displays.



4. Tap the **WAP Name (SSID)** field on the **Confirm Info** screen, and enter the name of the access point using the on-screen keyboard.
5. Tap **SAVE** to save the access point name or **CANCEL** to cancel editing the access point name.

6. Tap the **Security** field on the **Confirm Info** screen to display the **Encryption** screen.



7. Tap the appropriate type of encryption used by the access point, and then tap **< BACK**.
8. Tap the **Password** field on the **Confirm Info** screen, and enter the access point connection password using the on-screen keyboard.
9. Tap **SAVE** to save the password or **CANCEL** to cancel editing the password.
10. Once all fields have been entered, tap **Assign Access Point** on the **Confirm Info** screen to assign the access point. The **WAP Connect** screen loads, indicating the status of the wireless connection attempt.



If the connection to the access point is successful, the **WAP Connect** screen indicates that the connection is active.



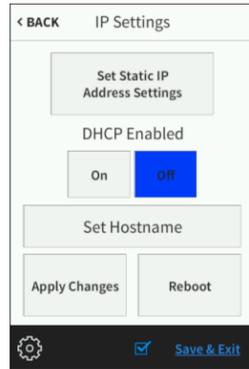
11. Tap **< DONE** to return to the **Wireless Setup** screen.



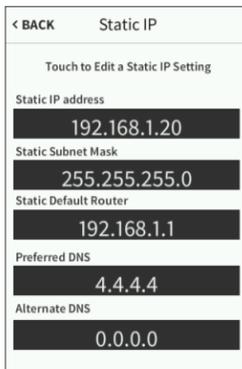
Configure IP Settings

To configure IP settings for the TSR-310:

1. Tap **IP Settings** on the **Wireless Setup** screen to display the **IP Settings** screen.

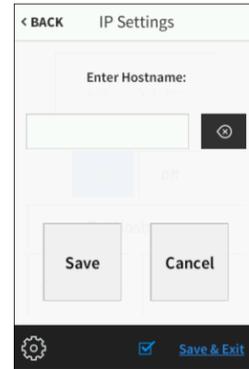


2. Tap **On** or **Off** under **DHCP Enabled** to enable or disable using DHCP (dynamic host configuration protocol).
3. If DHCP is enabled, proceed to step 7. If DHCP is disabled, tap **Set Static IP Settings** to display the **Static IP** screen.



4. Tap the fields under **Static IP Address**, **Static Subnet Mask**, **Static Default Router**, **Preferred DNS**, and **Alternate DNS** to enter the required information using the on-screen keypad.

5. Tap **SAVE** to save the new entry or tap **CANCEL** to discard any changes.
6. Tap **< BACK** on the **Static IP** screen to return to the **IP Settings** screen.
7. Tap **Set Hostname** on the **IP Settings** screen to display a screen for entering the TSR-310 hostname.

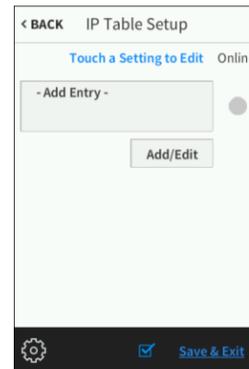


8. Tap the **Enter Hostname** field to enter the TSR-310 hostname using the pop-up keyboard.
9. Tap **SAVE** to save the hostname or **CANCEL** to discard any changes.
10. Once all IP settings have been configured, tap **Apply Changes** on the **IP Settings** screen to apply the new settings and to stay in setup mode.
11. Tap **Reboot** to exit setup mode and to reboot the TSR-310.

DO Configure IP Table Settings

To set up a connection between the TSR-310 and a control system's IP table:

1. Tap **IP Table Setup** on the main setup screen. The **IP Table Setup** screen displays.



2. Tap **Add/Edit** to add or edit an entry. The **Edit IP Table Setup** screen displays.



3. Tap the text field below **CIP ID** to enter the appropriate CIP ID using the on-screen keypad.
4. Tap **SAVE** to save the new entry or tap **CANCEL** to discard any changes and to return to the **Edit IP Table Setup** screen.
5. Tap the text field under **IP Address / Hostname** to enter the control system's IP address or hostname.
NOTE: Depending on the network configuration, using a static IP address may yield slightly faster connections when the remote wakes.
6. Tap **SAVE** to save the new entry or tap **CANCEL** to discard any changes and to return to the **Edit IP Table Setup** screen.
7. Tap **SAVE** to save the current entry or tap **DELETE** to clear it.
8. Tap **< BACK** to return to the main setup screen.

DO Set Up Voice Services

Voice services for the TSR-310 allows the user to control various device functions using voice commands. For instructions on configuring voice services for the TSR-310, refer to the TSR-310 Supplemental Guide (Doc. 8226).

DO Learn More

Visit the website for additional information and the latest firmware updates. Instructional videos showing various installation procedures can also be viewed. Use a QR reader application on your mobile device to scan to the QR images, or click the QR images to load the web pages. The instructional videos may also be accessed by visiting vimeo.com/album/4939476.

Crestron Electronics

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Product Page



Instructional Videos



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 two conditions:

(1) 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)

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This document was written by the Technical Publications department at Crestron.

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The product warranty can be found at www.crestron.com/legal/sales-terms-conditions-warranties.