TSW-770R and TSW-1070R

7 in. and 10.1 in. Wall Mount Touch Screens, Crestron Home™ OS Version

The Crestron® TSW-770R and TSW-1070R are wall mount touch screens designed specifically to run the Crestron Home™ OS application. The touch screens support H.265/H.264 streaming video, a Rava® SIP intercom, Wi-Fi® network connectivity, and PoE+ (Power over Ethernet Plus) network power.

NOTE: The TSW-770R and TSW-1070R are functionally similar. For simplicity within this guide, the term "touch screen" is used except where otherwise noted.

In the Box

1	TSW-770R or TSW-1070R*, Wall Mount Touch Screens

Additional Items

1	Bracket, Mounting (2055453)
4	Screw, 6-32 x 3/4 in., Undercut Head, Phillips (2033247)
4	Screw, M3 x 16 mm, Flat Head, Phillips (2013788)
2	Screw, M3.5 x 25 mm, Flat Head, Phillips (2023756)
4	Anchor, #6-8, Self-Drilling (2035879)
4	Screw, 6-AB x 1 in., Flat Head, Phillips (2056874)
1	Bracket, Security (2055451)
2	Screw, M2 x 4 mm, Security (2055454)
1	Key, Security Bracket Release (2055452)

* Refer to the TSW-770R-B and TSW-1070R-B product pages at www.crestron.com for a complete list of color variations.

Install the Mounting Bracket

The TSW-770R and TSW-1070R install over a standard 2-gang or 3-gang U.S. electrical box, a 2-gang European electrical box, or a 2-gang U.K. electrical box. The touch screen also installs into drywall.

NOTES:

- Additional mounting options are possible using the following mounting accessories. For more information, refer to the product pages at www.crestron.com.
  - TSW-UMB-70 universal mounting bracket
  - TSW-UMB-70-PMK preconstruction mounting kit
  - TSW-UMB-70-BBI wall mount back box
  - TSW-770/1070-MSMK series multisurface mounting kits
  - TSW-770/1070-MUMK mullion mounting kit
  - TSW-770/1070-RMB series retrofit mounting brackets
  - TSW-770/1070-RMK series rack mount kits
- Installing the mounting bracket to an electrical box is required only if one of the mounting solutions above is not used. Refer to the documentation for your chosen mounting solution at www.crestron.com/manuals.
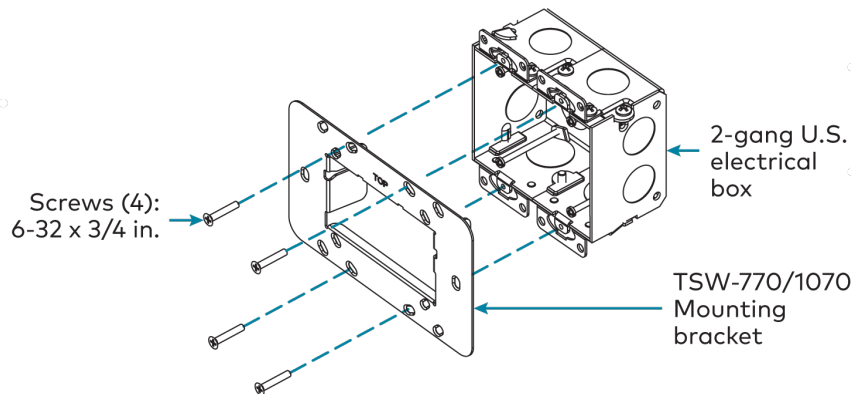
Electrical Box Mounting

To mount the touch screen into an electrical box, use the appropriate screws (four 6-32 x 3/4 in. screws, four M3 x 16 mm screws, or two M3.5 x 25 mm screws) to attach the mounting bracket to the electrical box as shown in the following illustrations:
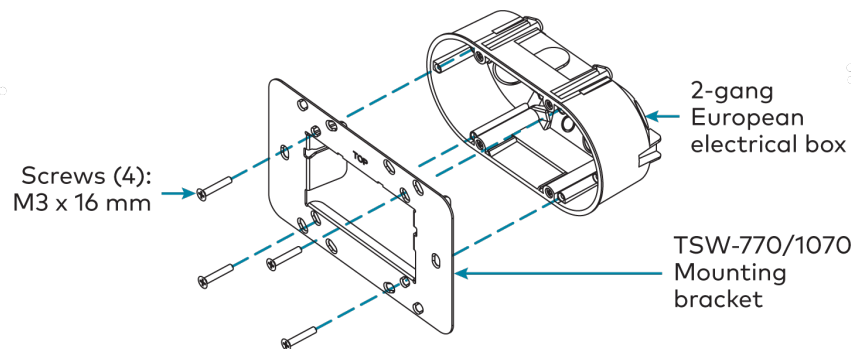
NOTE: For U.S. installations, use a #2 Phillips screwdriver. For European or U.K. installations, use a #1 Phillips screwdriver.

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- For U.S. installations, use the four 6-32 x 3/4 in. screws.

Screws (4): 6-32 x 3/4 in.

2-gang U.S. electrical box

TSW-770/1070 Mounting bracket

- For European installations, use the four M3 x 16 mm screws.

Screws (4): M3 x 16 mm

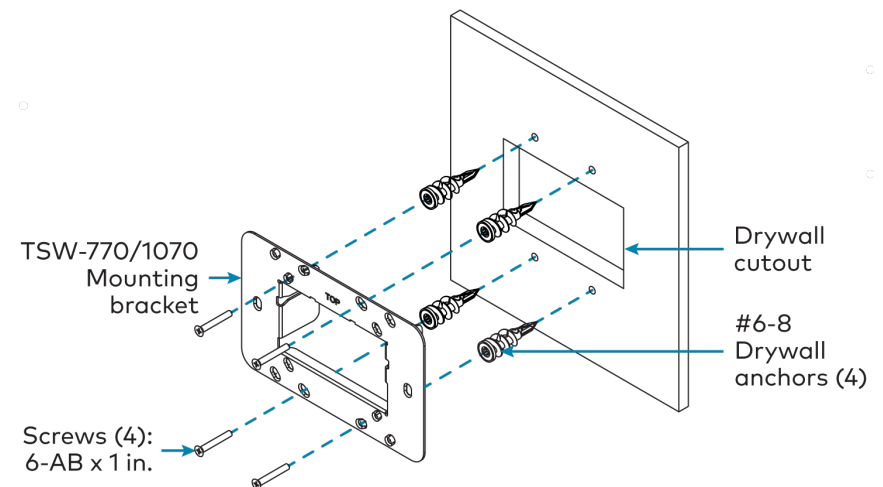2-gang European electrical box

TSW-770/1070 Mounting bracket

- For U.K. installations (not pictured), use the two M3.5 x 25 mm screws to attach the mounting bracket to the electrical box. Insert the screws through the center openings in the left and right sides of the mounting bracket.

Drywall Mounting

Mounting hardware is provided with the touch screen for drywall installations without an electrical box. Using this hardware will ensure that the bracket is completely flush with the touch screen to provide maximum magnetic force.

To install the mounting bracket into drywall:

1. Using the inside of the mounting bracket as a template, cut a 2–1/8 x 3-5/8 in. (54 x 92 mm) hole into the drywall. Ensure the template is level prior to cutting the hole.
2. Align the mounting bracket with the cutout and ensure it is level.
3. Use one of the anchors to make a center mark in the drywall through the four 2-gang openings in the template. Refer to the image below for the required mounting holes.
4. Screw the four anchors into the drywall using the center marks as a reference.
5. Attach the mounting bracket to the anchors using the four 6-AB x 1 in. screws as shown in the image below.

TSW-770/1070 Mounting bracket

Screws (4): 6-AB x 1 in.

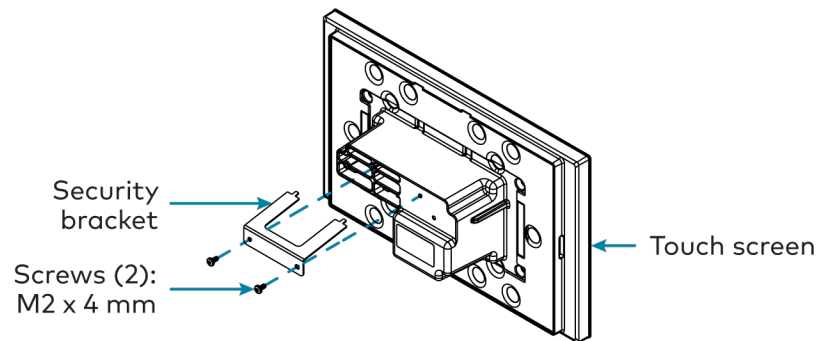Drywall cutout

#6-8 Drywall anchors (4)

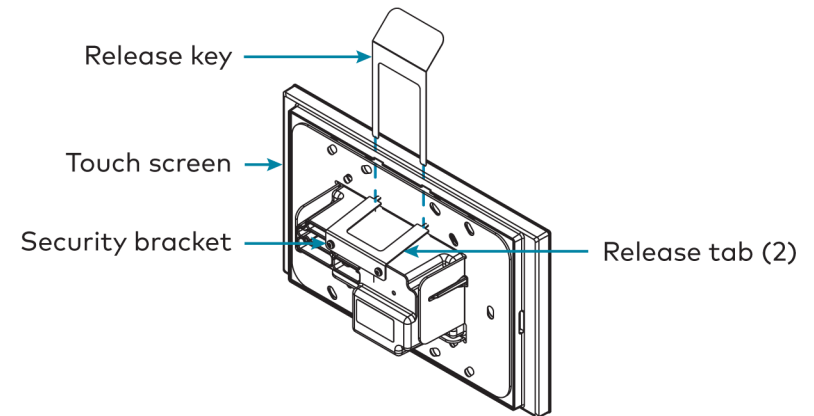## 7 in. and 10.1 in. Wall Mount Touch Screens, Crestron Home™ OS Version

Install the Security Bracket (Optional)

The included security bracket may be attached to the touch screen to prevent unauthorized removal after installation. The security bracket snaps into place behind the mounting bracket so that the touch screen cannot be removed without using the included release key.

Use the two M2 x 4 mm screws to attach the security bracket to the touch screen rear housing as shown in the following illustration.

To remove the touch screen after installation, use the included release key to push down on the security bracket release tabs as shown in the following illustration while gently pulling the touch screen away from the mounting bracket.
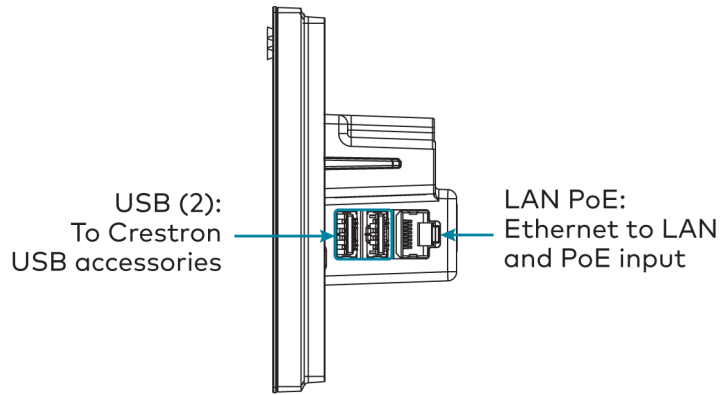
7 in. and 10.1 in. Wall Mount Touch Screens, Crestron Home™ OS Version

Connect the Touch Screen

Route all necessary cables through the rear of the mounting bracket, and then make connections to the side of the touch screen rear housing.

USB (2):
To Crestron
USB accessories

LAN PoE:
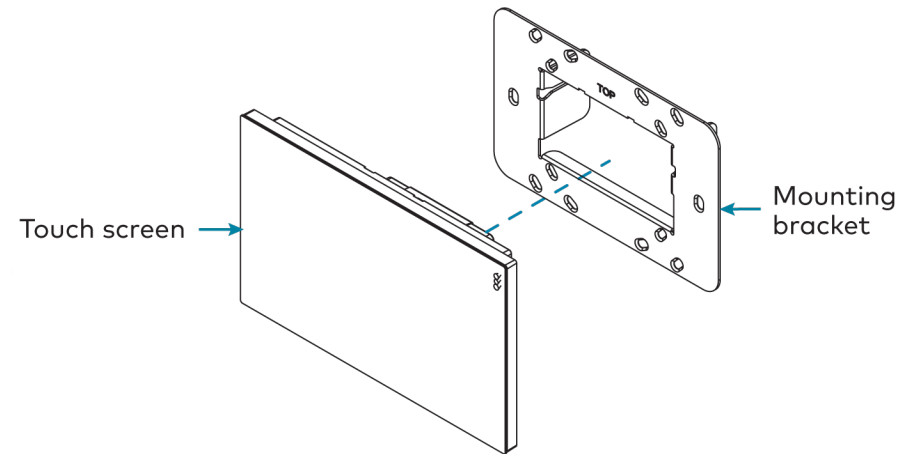Ethernet to LAN
and PoE input

Observe the following when connecting the touch screen:

- Power and data connection is provided to the touch screen by a single Ethernet cable. A Crestron PoE (Power over Ethernet) power supply, such as the PWE-4803RU, or a PoE-capable network switch is recommended (neither included).
- Apply power after all connections have been made.

Mount the Touch Screen

After all connections have been made, push the touch screen gently into the mounting bracket so that its rear housing is secured within the center opening of the mounting bracket.

Touch screen

Mounting bracket

If the touch screen is not level after installation, pull it out of the mounting bracket and loosen the screws holding the bracket into place. This procedure allows the mounting bracket to be rotated slightly.

Once the mounting bracket has been repositioned, retighten the screws, reinstall the touch screen into the bracket, and ensure that the touch screen is now level.
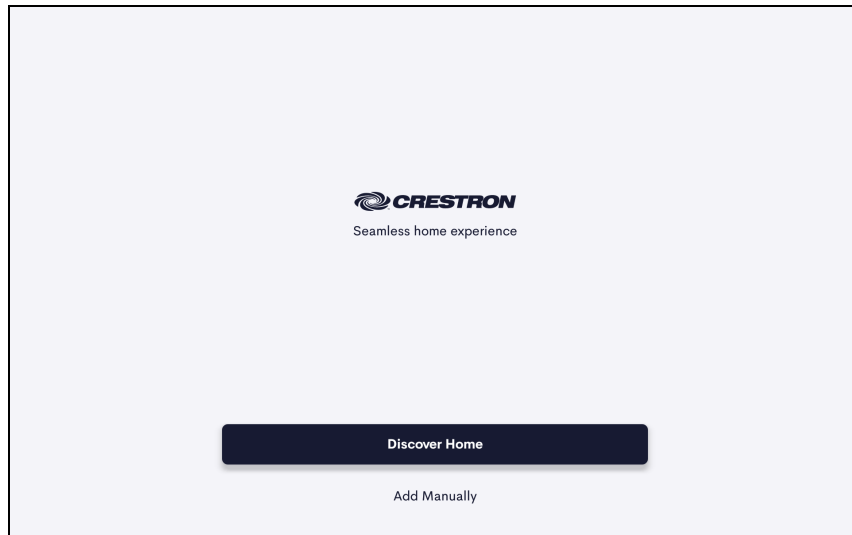
NOTE: To clean or disinfect a touch screen display, use a soft, clean, damp (not wet) cloth with any commercially available non-ammonia glass cleaner or disinfectant cleaner. Bezels do not provide a complete watertight seal, so apply cleaning solution to the cloth rather than the surface of the touch screen. Wipe the touch screen clean and avoid ingress of moisture beneath the bezels.

7 in. and 10.1 in. Wall Mount Touch Screens, Crestron Home™ OS Version
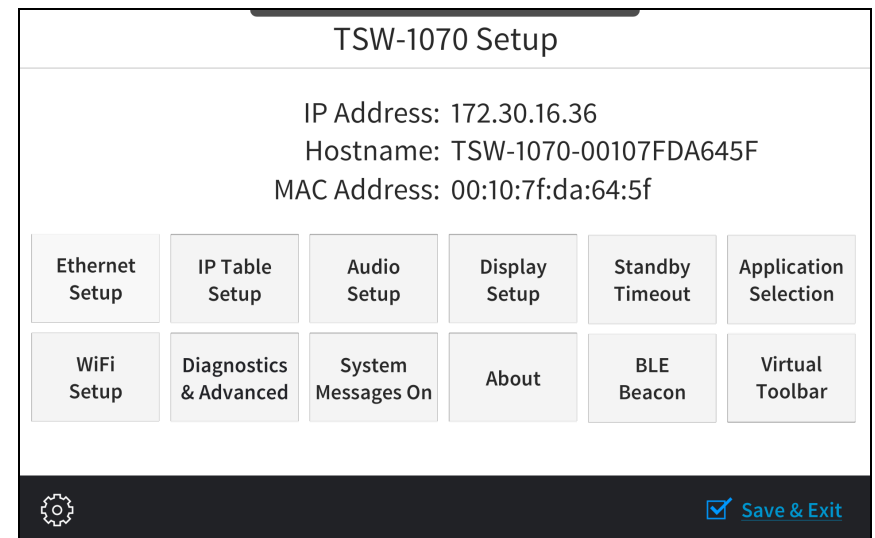
Configure the Touch Screen

When power is applied for the first time, the touch screen boots to the Crestron Home application setup screen. The touch screen may take up to two minutes to boot.

Device settings for the touch screen may be configured using the built-in setup screens or the web configuration interface. For more information on configuring the touch screen, refer to the TSW-570, TSW-770, and TSW-1070 Product Manual.

Access the Device Setup Screens

To access the built-in setup screens, place five fingers on the display and hold for 15 seconds. The main Setup screen is displayed (TSW-1070 shown).

Use the setup screens to configure various settings for the touch screen, including Ethernet setup, IP table setup, audio setup, display setup, standby timeout,Wi-Fi network setup, and diagnostics.

NOTE: Time zone settings do not need to be configured on the touch screen, as these settings will be pushed to the touch screen from the control system running Crestron Home.

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Access the Web Configuration Interface

The touch screen provides a web configuration interface that is used to view and configure various touch screen settings. The interface can be accessed using the touch screen IP address.

To access the web configuration interface using the touch screen IP address:

1. Ensure that the touch screen is connected to the network.

2. Use the Device Discovery tool in Crestron Toolbox™ software to discover the touch screen and its IP address on the network.

3. Enter the touch screen IP address into a web browser.

Create an Admin Account

The first time the web configuration interface is accessed, a dialog box is displayed asking the user to create an admin account. A similar message is displayed when connecting to the device in Crestron Toolbox software if an admin account has not already been created.

To create an admin account:

1. Enter a username and password for the admin account in the appropriate text fields.

   > **CAUTION:** Do not lose the username and password for the admin account, as the device must be reset to factory settings to regain access.

2. Click **OK**. A dialog box is displayed stating that enabling authentication will restart the web session.

3. Click **Yes** to confirm and restart. The username and password created in step 1 must be entered to regain access to the web configuration interface.

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Configure the Crestron Home App

The touch screen ships with the Crestron Home user control application running out of the box. The application must be paired with an existing Crestron Home system prior to use.

NOTE: A configured Crestron Home system is required for this application. For more information, refer to the Crestron Home OS Product Manual.

To set up the Crestron Home user control application on the touch screen:

1. From the Crestron Home application, tap **Discover Home** to discover a Crestron Home system on the network, or tap **Add Manually** to enter connection information for a Crestron Home system manually.

2. Complete any additional setup and configuration procedures as described in the Crestron Home OS Product Manual.

Visit the Product Pages

Scan the QR code to visit the product page.

TSW-770R

www.crestron.com/model/6511706

TSW-1070R

www.crestron.com/model/6511708

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Additional Information

Original Instructions
The U.S. English version of this document is the original instructions.
All other languages are a translation of the original instructions.

Regulatory Models: M201923002, M201923003

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