7 in. and 10.1 in. Surface Mount Touch Screens

The Crestron® TS-770 and TS-1070 are surface mount touch screens that feature web browsing, Smart Graphics® software and HTML5 UI technology, custom-programmable icons, H.265/H.264 streaming video, a Rava® SIP intercom, Wi-Fi® network connectivity, and PoE+ (Power over Ethernet Plus) network power. The touch screens also provide built-in applications for room scheduling, conferencing, and home control.

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

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

In the Box

1   TS-770 or TS-1070*, Surface Mount Touch Screens

Additional Items

\#   Item (#######)
\#   Item (#######)
\#   Item (#######)

TS-770 Only

\#   Item (#######)
\#   Item (#######)
\#   Item (#######)
\#   Item (#######)
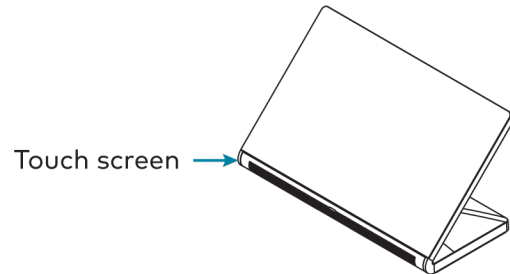
TS-1070 Only

\#   Item (#######)
\#   Item (#######)
\#   Item (#######)
\#   Item (#######)

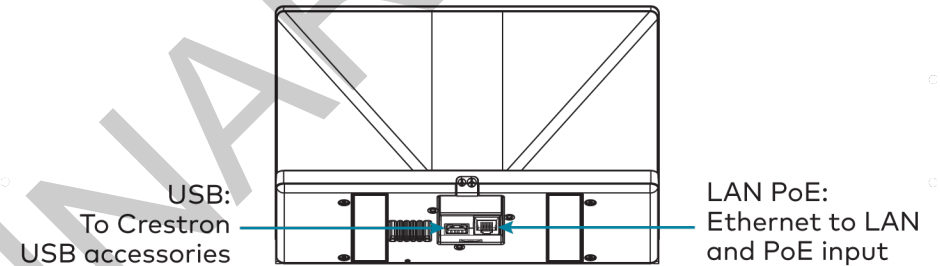## 7 in. and 10.1 in. Surface Mount Touch Screens

Place the Touch Screen

The touch screen may be placed on any flat, level surface such as a desk, conference table, lectern, or podium. The rubber strips on the bottom of the touch screen prevent it from moving easily.

Touch screen

Connect the Touch Screen

Route all necessary cables to the touch screen, and then make connections to the bottom of the touch screen as shown in the illustration below.

USB:
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 (both not included).
- The USB ports are used to connect compatible Crestron LED accessories to the touch screen.

   NOTE: The TS-770 may use either PoE or PoE+ to supply power to compatible LED accessories over USB; the TS-1070 must use only PoE+ to supply power to LED accessories over USB.

- Apply power after all connections have been made.

7 in. and 10.1 in. Surface Mount Touch Screens
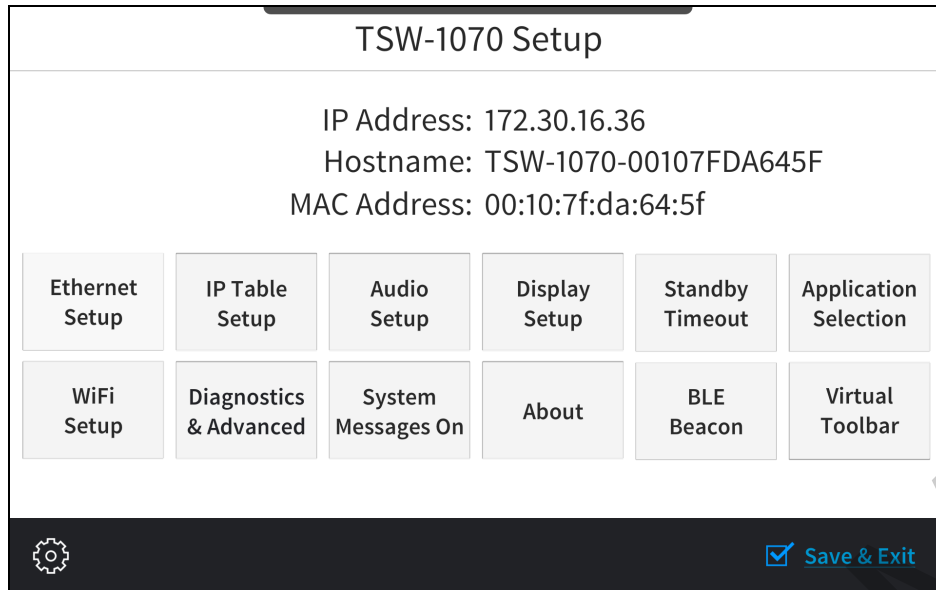
Install the Cable Grommet

TBD

Configure the Touch Screen

When power is applied for the first time, the following screen is displayed. The touch screen may take up to two minutes to boot.

7 in. and 10.1 in. Surface Mount Touch Screens

Touch the screen to display the main Setup screen (TSW-1070 shown).

TSW-1070 Setup

IP Address: 172.30.16.36
Hostname: TSW-1070-00107FDA645F
MAC Address: 00:10:7f:da:64:5f

Ethernet Setup	IP Table Setup	Audio Setup	Display Setup	Standby Timeout	Application Selection
WiFi Setup	Diagnostics & Advanced	System Messages On	About	BLE Beacon	Virtual Toolbar

☑ Save & Exit

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 TS-770/TS-1070 Supplemental Guide (Doc. 8555) at www.crestron.com/manuals.

Access the Device Setup Screens

To access the built-in setup screens, place five fingers on the display and hold for 15 seconds.

Use the setup screens to configure various settings for the touch screen, including Ethernet setup, IP table setup, audio setup, display setup, standby timeout, application selection, Wi-Fi network setup, diagnostics, the Bluetooth™ beacon, and the virtual toolbar.

Access the Web Configuration Interface

The touch screen provides a web configuration interface that is used to view and configure various touch screen settings and to select an application. The interface can be accessed using the touch screen IP address or the Crestron XiO Cloud™ service.

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.

Crestron XiO Cloud Service

The Crestron XiO Cloud service allows supported Crestron devices across an enterprise to be managed and configured from one central and secure location in the cloud. Supported devices are configured to connect to the service. Use of the service requires a registered Crestron XiO Cloud account.

NOTE: The device may be disconnected from the service by navigating to the Cloud Services tab in Crestron Toolbox software (**Functions** > **Device Info** > **Cloud Services**). For details, refer to the Crestron Toolbox help file.

7 in. and 10.1 in. Surface Mount Touch Screens

To access the web configuration interface using the Crestron XiO Cloud service:

1. Record the MAC address and serial number that are labeled on the shipping box or rear panel of the device. The MAC address and serial number are required to add the device to the service.
2. Do either of the following:
   - For existing accounts, access the Crestron XiO Cloud service at https://portal.crestron.io.
   - For new accounts, register for a Crestron XiO Cloud account at www.crestron.com/xio-cloud-registration.
3. Claim the device to the service as described in the Crestron XiO Cloud User Guide (Doc. 8214) at www.crestron.com/manuals.
4. Select the device from the cloud interface to view its settings.

Set the Time Zone

The time zone must be set on the touch screen if it will not be paired with a control system IP table.

To set the time zone:

1. Access the web configuration interface using either the touch screen IP address or the Crestron XiO Cloud service.
2. Select the **Settings** tab.
3. Navigate to **System Setup** > **Time/Date**.
4. Select the time zone where the touch screen will be used from the **Time Zone** drop-down menu.
5. Click **Save Changes** on the top right of the screen.

Visit the Product Pages

Scan the QR code to visit the product page.

TS-770

www.crestron.com/model/6510820

TS-1070

www.crestron.com/model/6510821

7 in. and 10.1 in. Surface Mount Touch Screens

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.

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