

7 in. and 10.1 in. Room Scheduling Touch Screens

The Crestron® [TSS-770](#) and [TSS-1070](#) are wall mount touch screens designed specifically for room scheduling applications. The touch screens install near the entrance of a meeting room or huddle space to provide a clear indication of the room availability and schedule, and they integrate seamlessly with a variety of popular scheduling services.

NOTE: The TSS-770 and TSS-1070 are functionally similar. For simplicity within this guide, the term "touch screen" is used except where otherwise noted. The TSS-770-T-LB and TSS-1070-T-LB kits provide a version of the touch screen designed to run the Microsoft Teams® Panels scheduling application exclusively.



In the Box

1 TSS-770 or TSS-1070*, Room Scheduling 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 TSS-770-B-S and TSS-1070-B-S product pages at www.crestron.com for a complete list of color variations.



Install the Mounting Bracket

The TSS-770 and TSS-1070 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.

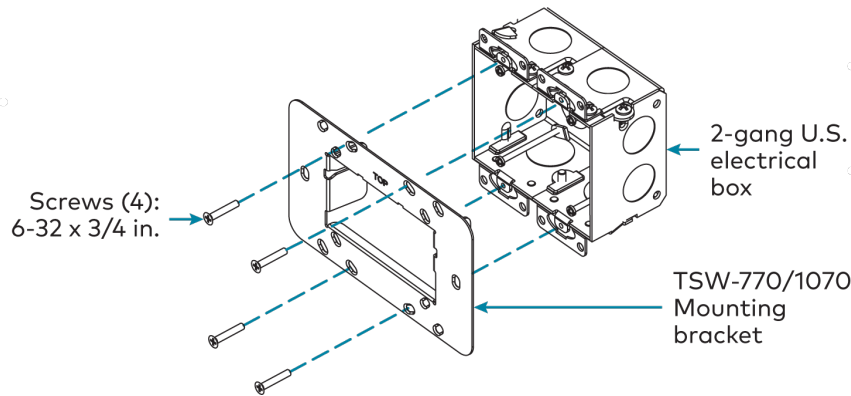
Electrical Box Mounting

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:

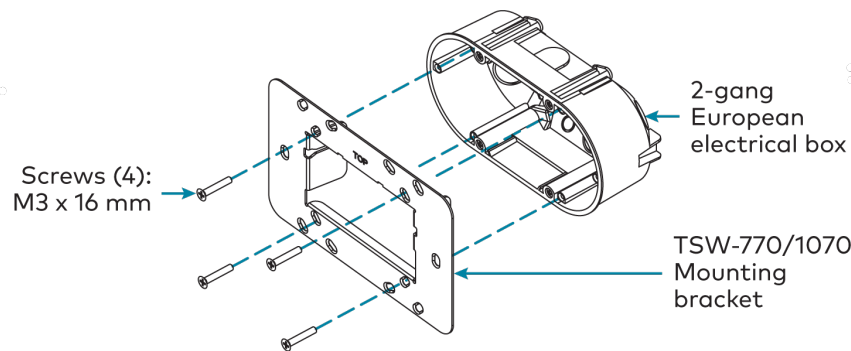
NOTE: For U.S. installations, use a #2 Phillips screwdriver. For European or U.K. installations, use a #1 Phillips screwdriver.

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



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



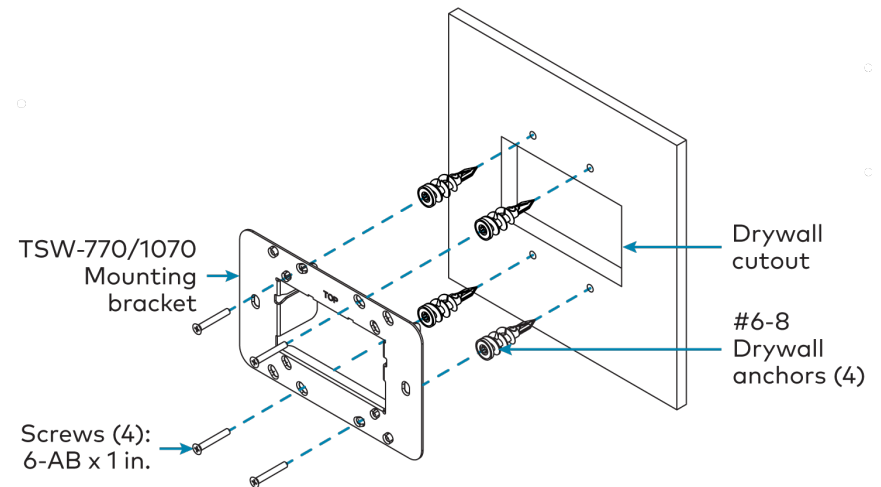
- For U.K. installations (not pictured), use the two M3.5 x 25 mm screws to attach the mounting bracket to the electrical box. Insert the screws through the center openings in the left and right sides of the mounting bracket.

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:

- 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.
- Align the mounting bracket with the cutout and ensure it is level.
- 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.
- Screw the four anchors into the drywall using the center marks as a reference.
- Attach the mounting bracket to the anchors using the four 6-AB x 1 in. screws as shown in the image below.



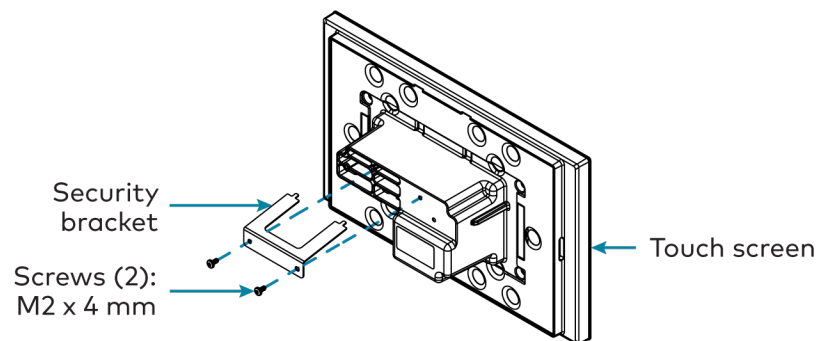
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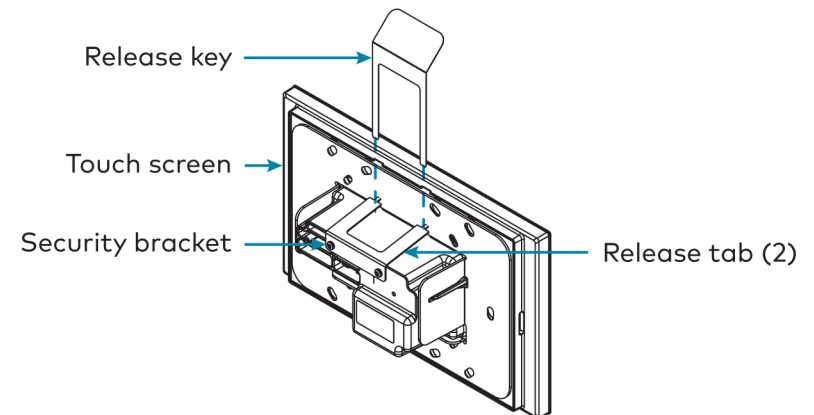
Install the Security Bracket (Optional)

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.

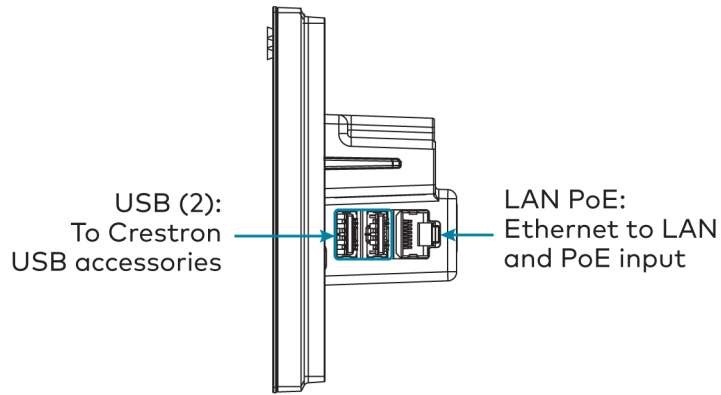


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Connect the Touch Screen

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



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).
- The USB ports are used to connect compatible Crestron LED accessories to the touch screen.

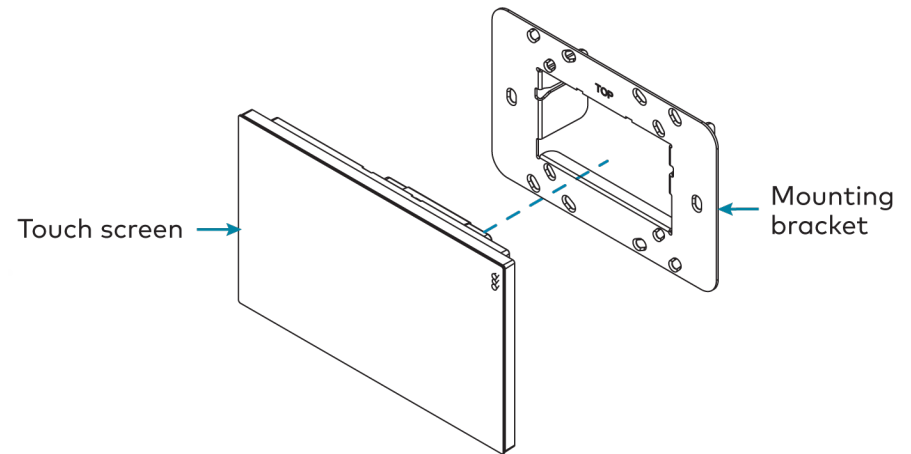
NOTE: The TSS-770 may use either PoE or PoE+ to supply power to compatible LED accessories over USB; the TSS-1070 requires at minimum PoE+ to supply power to LED accessories over USB.

- 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.



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.

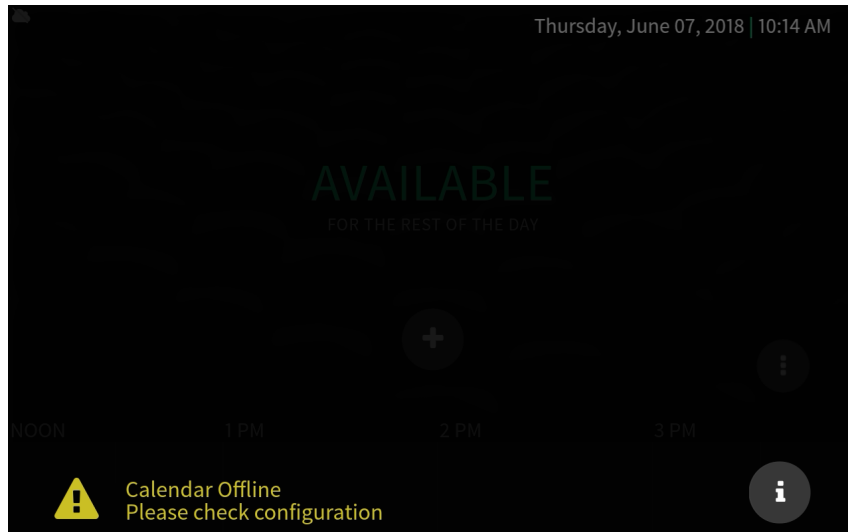
NOTE: To clean or disinfect a touch screen display, use a soft, clean, damp (not wet) cloth with any commercially available non-ammonia glass cleaner or disinfectant cleaner. Bezels do not provide a complete watertight seal, so apply cleaning solution to the cloth rather than the surface of the touch screen. Wipe the touch screen clean and avoid ingress of moisture beneath the bezels.

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Configure the Touch Screen

When power is applied for the first time, the touch screen boots with the Crestron room scheduling application selected by default. The touch screen may take up to two minutes to boot.

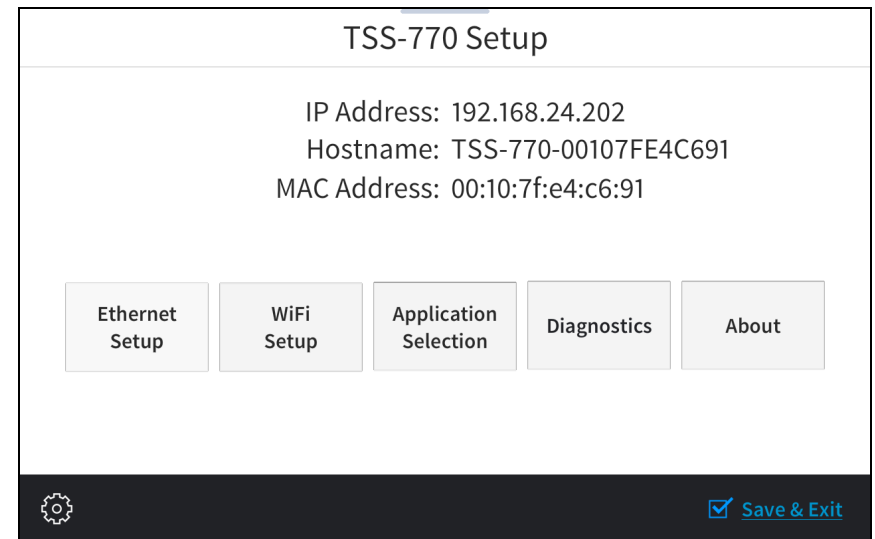


Device settings for the touch screen may be configured using the built-in setup screens or the web configuration interface. For more information on configuring the touch screen, refer to the [TSS-770 and TSS-1070 Product Manual](#).

NOTE: The touch screen included in the TSS-770-T-LB or TSS-1070-T-LB kits boots to the Microsoft Teams Panels scheduling application setup screen by default. To access the device setup screens, refer to Access the Device Setup Screens on the adjacent column. To configure the application, refer to [Configure Microsoft Teams Panels](#).

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 (TSS-770 shown).



Use the setup screens to configure various settings for the touch screen, including Ethernet setup, scheduling application selection, Wi-Fi network setup, and diagnostics.

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 a scheduling application. The interface can be accessed using the touch screen IP address or the XiO Cloud® service.

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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.

XiO Cloud Service

The [XiO Cloud® service](#) allows supported devices across an enterprise to be managed and configured from one central and secure location in the cloud. Supported Crestron® devices are configured to connect to the service out of the box.

Use of the service requires a registered XiO Cloud account. To register for an XiO Cloud account, refer to www.crestron.com/Support/Tools/Licensing-Registration/XiO-Cloud-Registration-Room-Licenses.

NOTE: The device may be disconnected from the XiO Cloud 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.

To connect the device to the XiO Cloud service:

1. Record the MAC address and serial number that are labeled on the shipping box or the device. The MAC address and serial number are required to add the device to the XiO Cloud service.

NOTE: If the device has multiple MAC addresses, use the MAC address that is providing the primary connection back to the network. For most devices, the Ethernet MAC address should be used. However, if your device is connecting to the network over a different protocol (such as Wi-Fi® communications), use the MAC address for that protocol instead.

2. Log in to your XiO Cloud account at portal.crestron.io.
3. Claim the device to the XiO Cloud service as described in the [XiO Cloud User Guide](#).

Select the device from the cloud interface to view its status and settings. The device may now also be managed and assigned to a group or room. For more information, refer to the [XiO Cloud User Guide](#).

NOTE: For XiO Cloud accounts with room-based licenses, the device must be added to a licensed room before its status and settings can be viewed.

Set the Time Zone

The time zone must be set on the touch screen prior to selecting a scheduling application.

To set the time zone:

1. Access the web configuration interface using either the touch screen IP address or the 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.

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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.



Select an Application

The touch screen ships with various built-in scheduling applications. An application may be selected from the web configuration interface.

The touch screen included in the TSS-770-T-LB or TSS-1070-T-LB kits runs the Microsoft Teams Panels scheduling application only. No other application can be selected on these models.

NOTE: Applications can be selected and configured from the device setup screens or from the web configuration interface at any time. For more information, refer to the [TSS-770 and TSS-1070 Product Manual](#).

To select a touch screen application:

1. Enter the touch screen IP address into a web browser to access the web configuration interface.
2. Navigate to **Settings > Applications**.
3. Select the desired scheduling provider from the **Application Mode** drop-down menu.
4. If necessary, enter any additional information (such as a registration URL) that is required for connecting to the scheduling provider.
5. Click **Save Changes** on the top right of the screen.
6. When prompted, reboot the touch screen. The touch screen reboots into the selected scheduling mode.

An application may also be selected using the **Application Selection** function on the main device Setup screen.

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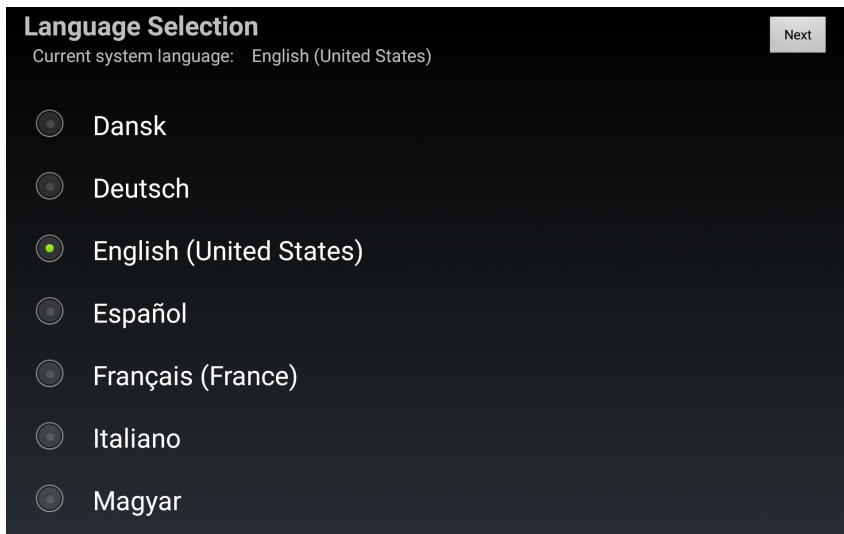
Configure Microsoft Teams Panels

The touch screen included in the TSS-770-T-LB or TSS-1070-T-LB kits ships with the Microsoft Teams Panels scheduling application running out of the box, with the **Language Selection** screen displayed upon initial boot. The application must be configured prior to use.

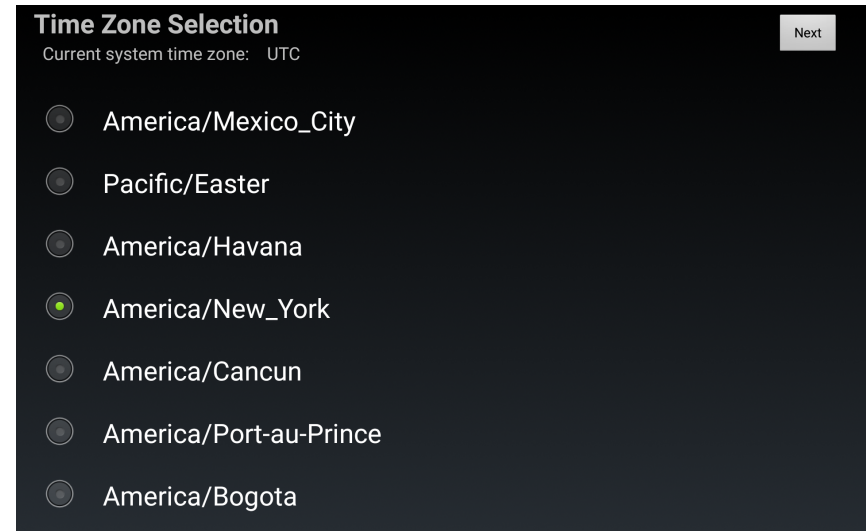
NOTE: A Microsoft Teams account is required for configuration. Refer to your IT administrator for assistance.

To set up the Microsoft Teams Panels scheduling application on the touch screen:

1. Select a language for the application on the **Language Selection** screen.



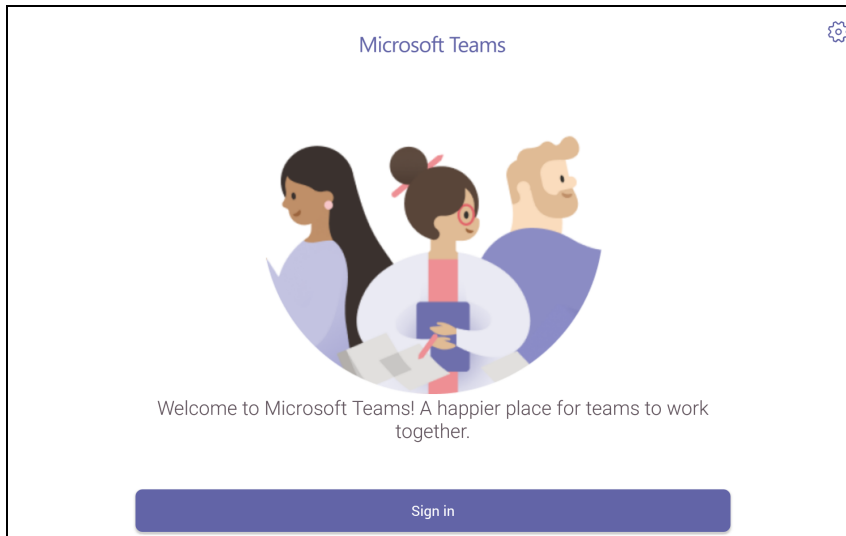
2. Tap **Next**. The **Time Zone Selection** screen is displayed.



3. Select the time zone that will be used by the application on the **Time Zone Selection** screen.

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4. Tap **Next**. A Microsoft Teams sign in screen is displayed.



5. Tap **Sign In**.
6. Enter your Microsoft Teams username and password when prompted.
7. If two-factor authentication is enabled by your organization, follow the prompts provided to authenticate with the application.

Upon successful sign in, the scheduling calendar for your organization is displayed.

For more information on using Microsoft Teams, refer to <https://support.microsoft.com/en-us/teams>.



Visit the Product Pages

Scan the QR code to visit the product page.

TSS-770



www.crestron.com/model/6511329

TSS-1070



www.crestron.com/model/6511331

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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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