



# **FT-TS600**

## FlipTop™ Touch Screen

Supplemental Guide

Crestron Electronics, Inc.

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# FT-TS600: FlipTop Touch Screen

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## Access the Setup Screens

The FT-TS600 **Setup** screen is the starting point for configuring the TF-TS600 FlipTop™ Touch Screen from Crestron®.

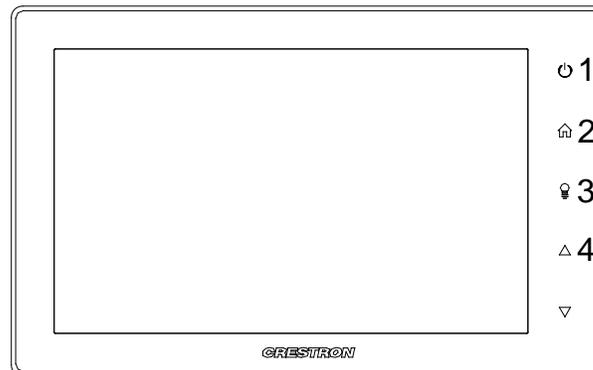
**NOTE:** If no project has been loaded or if an invalid project has been loaded, the screen displays the following message: “There is no display project to start. [Touch Screen to Enter Setup...].”

The setup screens enable basic configuration prior to regular operation of the touch screen.

During regular operation of the touch screen, there are two ways to access the setup screens:

1. Place a button on the project main page and assign the reserved join number (17242) that accesses the setup screens.
2. Press hard keys 1, 2, 3, and 4, to the right of the touch screen display in sequence twice (i.e., press 1, 2, 3, 4, 1, 2, 3, 4) within a 5 second period.

### *Button Numbering*



The FT-TS600 Setup screen is displayed.

#### *FT-TS600 Setup Screen*



The FT-TS600 Setup screen is comprised of buttons for Ethernet setup, IP table setup, audio setup, display setup, standby timeout, and diagnostics. In addition, there is an **About** button that provides information about the touch screen and a **Save & Exit** button. The functions of each are detailed in the sections that follow.

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## Configure the FT-TS600

### Ethernet Setup

On the FT-TS600 Setup screen, tap **Ethernet Setup** to display the **Ethernet Setup** screen.

#### *Ethernet Setup Screen*



The **Ethernet Setup** screen displays the touch screen's Mac and IP addresses, subnet mask, default router, primary DNS, secondary DNS, hostname, and domain. This screen also contains a link indicator to show the status of the Ethernet connection.

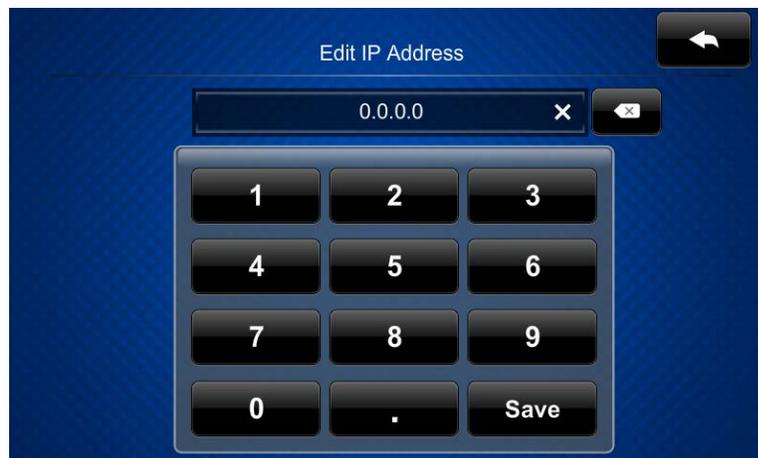
Tap **Set Static IP Address Settings** to display the **Ethernet Setup – Static IPs** screen.

*Ethernet Setup – Static IPs Screen*



To edit the static IP address, static subnet mask, static default router, preferred DNS, or alternate preferred DNS, tap its corresponding field. The **Edit IP Address** screen opens.

*Edit IP Address Screen*



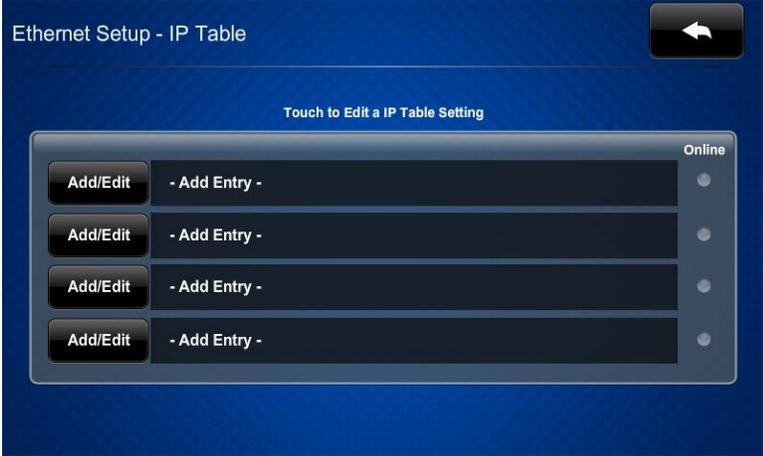
Use the keyboard to make the new entry. Tap the X in the text field to clear a previous entry. Tap  to delete the last digit. Tap **Save** to save a new entry.

After new settings have been saved, tap **Reboot Required to Apply IP Changes** on the **Ethernet Setup – Static IPs** screen to reboot the touch screen so the new settings can take effect.

# IP Table Setup

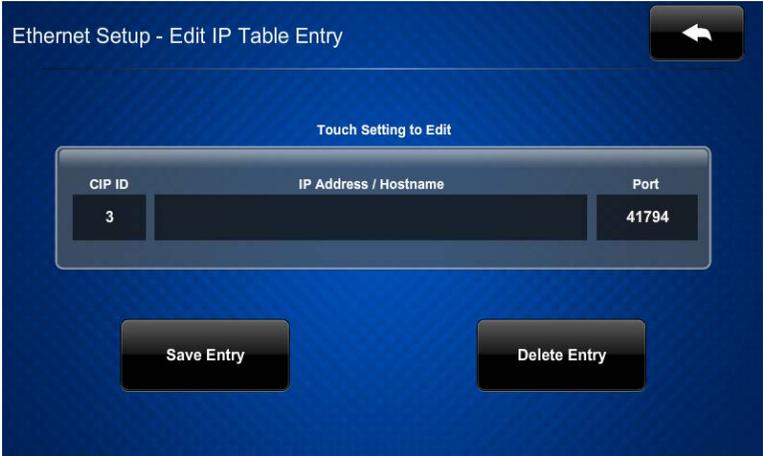
On the FT-TS600 Setup screen, tap **IP Table Setup** to display the **Ethernet Setup – IP Table** screen.

## *Ethernet Setup – IP Table Screen*



The **Ethernet Setup – IP Table** screen displays up to four IP table settings, each of which has an online indicator. To add or edit an entry, tap its corresponding **Add/Edit** button. The **Ethernet Setup – Edit IP Table Entry** screen is displayed.

## *Ethernet Setup – Edit IP Table Entry Screen*



### *Edit the CIP ID*

Tap the CIP ID field to display the **Edit CIP ID** screen.

#### *Edit CIP ID Screen*



Use the keypad to make the new entry. Tap the **X** in the text field to clear a previous entry. Tap  to delete the last digit. Tap **Save** to save a new entry.

### *Edit the IP Address or Hostname*

Tap the IP Address/Hostname field to display the **Edit IP/Host** screen.

#### *Edit IP/Host Screen*



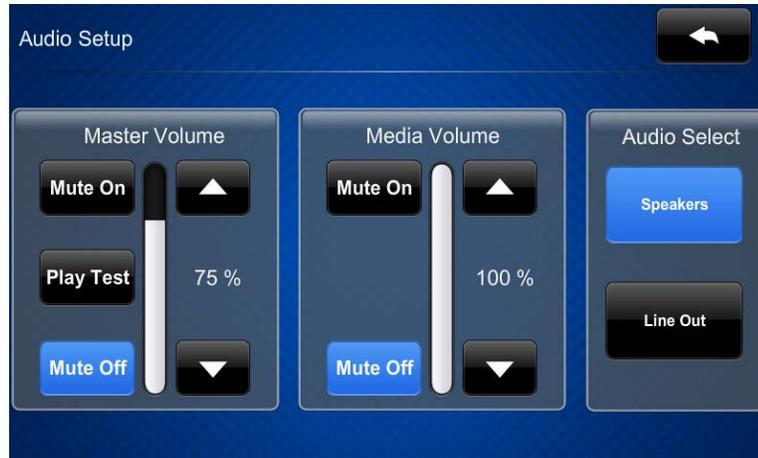
Use the keyboard to make a new entry. Tap **Cancel** to return to the **Ethernet Setup – Edit IP Table Entry** screen. Tap the **X** in the text field to clear a previous entry. Tap  to delete the last digit. Tap **Save** to save a new entry and return to the **Ethernet Setup – Edit IP Table Entry** screen.

On the **Ethernet Setup – Edit IP Table Entry** screen, tap **Save Entry** to save the current entry or **Delete Entry** to clear it.

## Audio Setup

On the FT-TS600 **Setup** screen, tap **Audio Setup** to display the **Audio Setup** screen.

### *Audio Setup Screen*



The **Audio Setup** screen provides controls for muting or unmuting the audio, adjusting levels for both the master volume and the media volume, and playing a test .wav file. The **Media Volume** controls adjust the H.264 streaming media level in relation to the **Master Volume** controls. Use the **Speakers** and **Line Out** buttons to choose whether audio plays through the internal speaker or via the line output.

## Display Setup

On the FT-TS600 **Setup** screen, tap **Display Setup** to display the **Display Setup** screen.

### *Display Setup Screen*

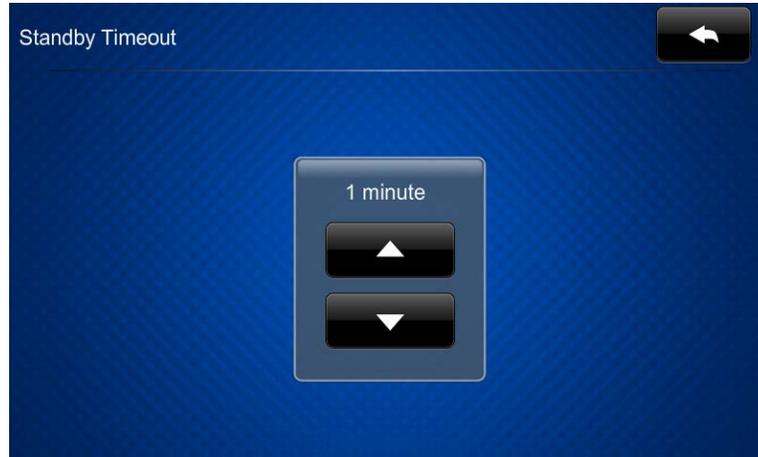


The **Display Setup** screen provides controls for the screen's LCD brightness and **On** and **Off** controls for using a hard key to wake the LCD.

## Standby Timeout

On the FT-TS600 Setup screen, tap **Standby Timeout** to display the **Standby Timeout** screen.

### *Standby Timeout Screen*

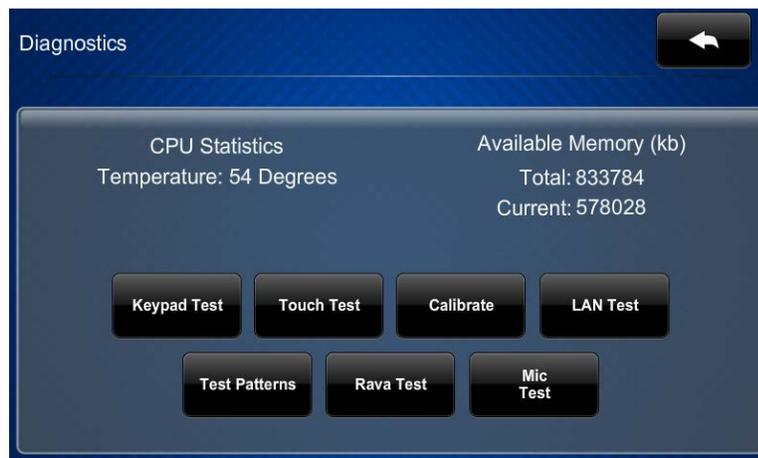


The **Standby Timeout** screen provides controls to adjust standby timeout from 0 to 120 minutes.

## Diagnostics

On the FT-TS600 Setup screen, tap **Diagnostics** to display the **Diagnostics** screen.

### *Diagnostics Screen*



The **Diagnostics** screen displays the CPU temperature, displays the available memory, and contains controls to run a keypad test, touch test, LAN test, Rava<sup>®</sup> test, and mic test. In addition, there are controls to initiate touch screen calibration and to open various test screens. These are explained in the sections that follow.

## Keypad Test

On the **Diagnostics** screen, tap **Keypad Test** to display the **Diagnostics – Keypad Test** screen.

### Diagnostics – Keypad Test Screen



The **Diagnostics – Keypad Test** screen can be used to test the function of the hard keys. When a hard key is pressed, its corresponding indicator on the screen lights.

## Touch Test

On the **Diagnostics** screen, tap **Touch Test** to display the touch test screen.

### Touch Test Screen



The touch test screen can be used to test the function of the screen. When a location button (the **X** buttons or the **O** button) is tapped, its indicator on the screen lights. This screen also contains a **Calibrate** button to initiate touch screen calibration.

During touch screen calibration, a crosshair appears at the center of the screen. Tap the center of the crosshair, which then moves to the upper left part of the screen. Tap the center of the crosshair, and it moves to another part of the screen. Continue tapping the center of the crosshair until calibration is complete.

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**NOTE:** When tapping the screen during calibration, be as accurate as possible.

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## Calibrate

On the **Diagnostics** screen, tap **Calibrate** to initiate the screen calibration procedure. Refer to “Touch Test” on page 8 for details.

## LAN Test

On the **Diagnostics** screen, tap **LAN Test** to display the **Diagnostics – LAN** screen.

### *Diagnostics – LAN Screen*

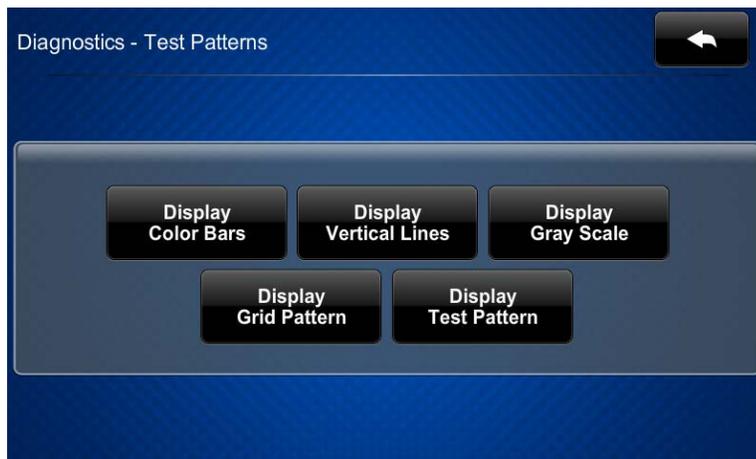


The **Diagnostics – LAN** screen displays current Ethernet settings and contains a link indicator to show the status of the Ethernet connection. A **Ping Default Router Test** control is also provided.

## Test Patterns

On the **Diagnostics** screen, tap **Test Patterns** to display the **Diagnostics - Test Patterns** screen.

### *Diagnostics - Test Patterns Screen*



The **Diagnostics - Test Patterns** screen contains buttons for selecting the different available test patterns: **Display Color Bars**, **Display Vertical Lines**, **Display Gray Scale**, **Display Grid Pattern**, and **Display Test Pattern**.

## *Rava Test*

On the **Diagnostics** screen, tap **Rava Test** to display the **Diagnostics – RAVA** screen.

### *Diagnostics – RAVA Screen*



The **Diagnostics - Rava** screen provides controls for testing the use of Crestron's Rava SIP Intercom with the FT-TS600. It can be used to test projects and settings. If the intercom works but the project does not, there is an issue with the project; if the intercom does not work, there is an issue with the settings.

## *Mic Test*

On the **Diagnostics** menu, tap **Mic Test** to begin a microphone test.

The built-in microphone (located above the touch screen display) records your voice for five seconds and plays it back to confirm the microphone is functioning. When playback is finished, the display returns to the **Diagnostics** screen.

## **About**

On the **FT-TS600 Setup** screen, tap **About** to display the **About** screen.

### *About Screen*



The **About** screen displays information about the touch screen, including the currently loaded firmware and operating system versions.

## **Save & Edit**

On the FT-TS600 **Setup** screen, tap **Save & Exit** to save all settings, exit the setup screens, and return to the main project.

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