



TST-602

5.7" Wireless Touch Screen

Supplemental Guide

Crestron Electronics, Inc.

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Contents

Access the Setup Screens	1
Configure the TST-602	2
RF Setup.....	2
Audio Setup.....	3
Display Setup.....	4
Standby Timeout.....	6
Networking Setup.....	7
LAN Setup.....	8
WiFi Setup.....	10
Diagnostics.....	13
Keypad Test.....	14
Touch Test.....	15
Mic Test.....	15
LAN Test.....	16
WiFi Test.....	17
RF Test.....	18
Test Patterns.....	19
Rava Test.....	20
RTSP Test.....	21
Battery Diagnostics.....	22
Dock Test.....	23
Suspend Test.....	23
About.....	24
Save & Edit.....	24

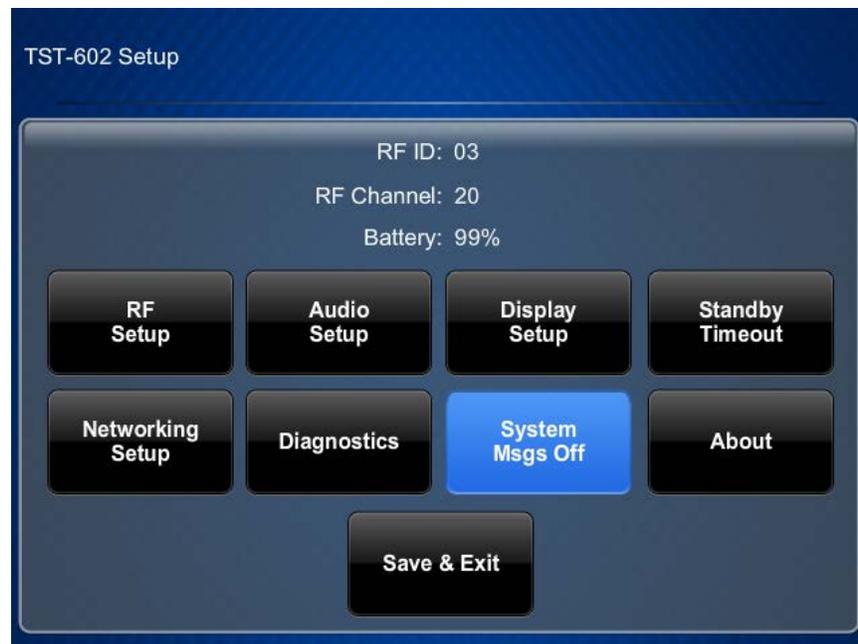
TST-602: 5.7" Wireless Touch Screen

Access the Setup Screens

The setup screens enable basic configuration prior to regular operation of the Crestron® TST-602. If no project is loaded, tap the screen to access the main setup screen. If a project is running, the main setup screen can be accessed by pressing **HOME**, **MEDIA**, **▲**, and **▼** (to the left of the touch screen display) in sequence twice (press **HOME**, **MEDIA**, **▲**, **▼**, **HOME**, **MEDIA**, **▲**, **▼**) within a 5-second period.

The TST-602 **Setup** screen is displayed.

TST-602 Setup Screen



The TST-602 **Setup** screen is composed of buttons for RF setup, audio setup, display setup, standby timeout, networking setup, and diagnostics. In addition, there is a button to toggle system messages on or off, an **About** button that provides information about the touch screen, and a **Save & Exit** button. The functions of each are detailed in the following pages of this guide.

Configure the TST-602

RF Setup

On the TST-602 **Setup** screen, tap **RF Setup** to display the **RF Setup** screen.

RF Setup Screen



The **RF Setup** screen shows RF signal strength, gateway UID, and gateway name. It also has controls for acquiring the TST-602, setting the RF ID, RF channel, and RF power, enabling RF roaming, and selecting the series of the control system.

Before a TST-602 can be used with a Crestron control system, it must first be acquired by a Crestron Extended Range (RF) Wireless gateway (sold separately). To acquire a TST-602, perform the following procedure:

1. Use a stylus or other thin-tipped object to press **ACQUIRE** on the gateway to enter Acquire mode. The accompanying LED illuminates, indicating the unit is ready to link with the touch screen.
2. On the TST-602's **RF Setup** screen, tap **Acquire**. The screen displays an "Acquire in progress" message, and the TST-602 is automatically acquired by the gateway within two minutes.
3. When the screen displays an "Acquire OK" message, press **ACQUIRE** on the gateway to exit Acquire mode. The LED turns off.

RF Setup – Acquire OK



For installations with multiple gateways, the TST-602 can be set up for RF roaming. For details, refer to Touch Screen RF Roaming (Doc. 7671) at www.crestron.com/manuals.

Tap  to return to the TST-602 Setup screen.

Audio Setup

On the TST-602 Setup screen, tap **Audio Setup** to display the **Audio Setup** screen.

Audio Setup Screen



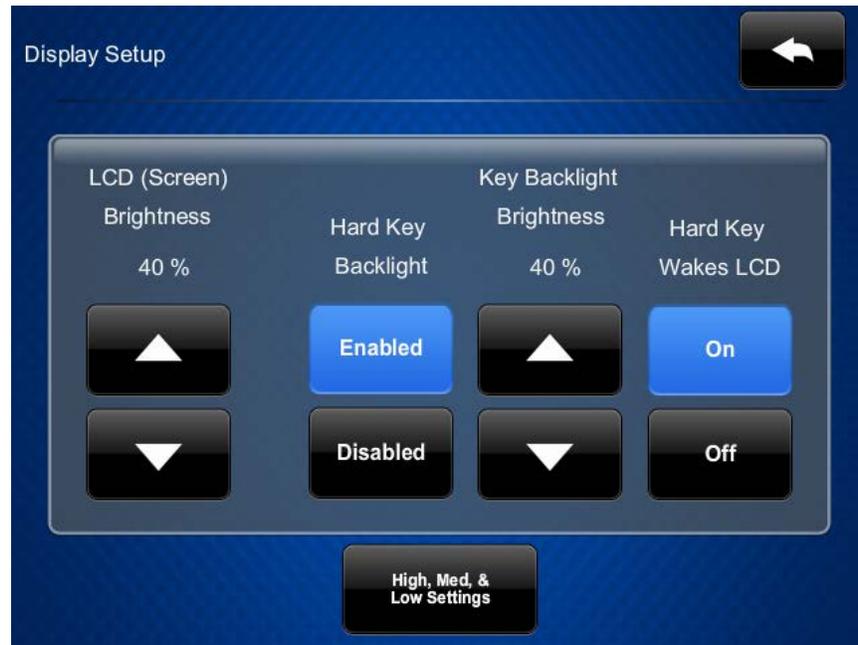
The **Audio Setup** screen provides controls for muting or unmuting the audio, and for adjusting levels for the master volume, media volume, and beep volume. The **Media Volume** controls adjust the H.264 streaming media level in relation to the **Master Volume** controls.

Tap  to return to the **TST-602 Setup** screen.

Display Setup

On the **TST-602 Setup** screen, tap **Display Setup** to enter the **Display Setup** screen.

Display Setup Screen



The **Display Setup** screen provides controls to adjust the screen's LCD brightness and key backlight brightness, controls to toggle the hard key backlight on and off, and controls to enable using a hard key to wake the LCD.

Tap **High, Med, & Low Settings** to display the **Display Setup - High, Med, & Low Settings** screen.

Display Setup - High, Med, & Low Settings Screen



This screen provides access to **Low**, **Med**, and **High** presets for the screen and the key backlight, in addition to custom adjustment for each of these.

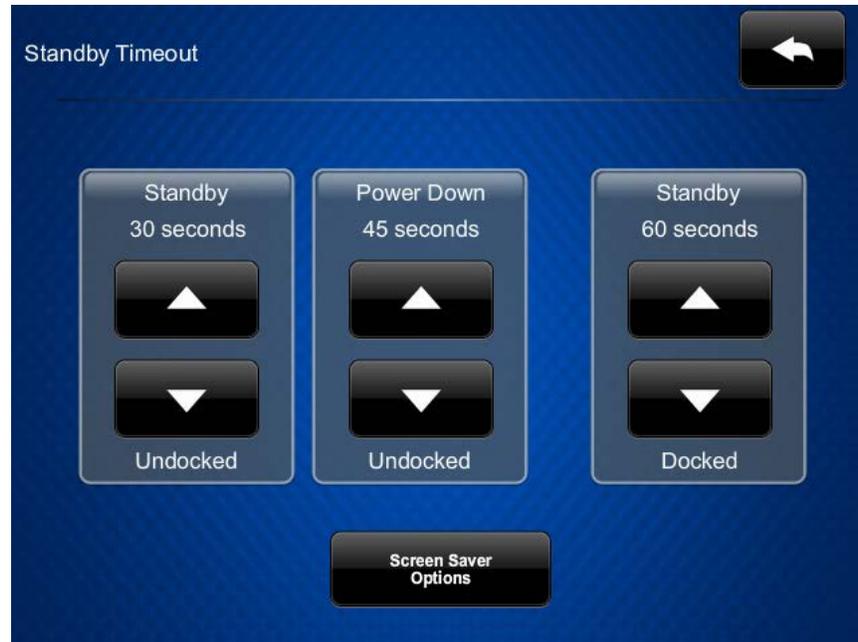
Tap  to return to the **Display Setup** screen.

Tap  again to return to the **TST-602 Setup** screen.

Standby Timeout

On the **TST-602 Setup** screen, tap **Standby Timeout** to display the **Standby Timeout** screen.

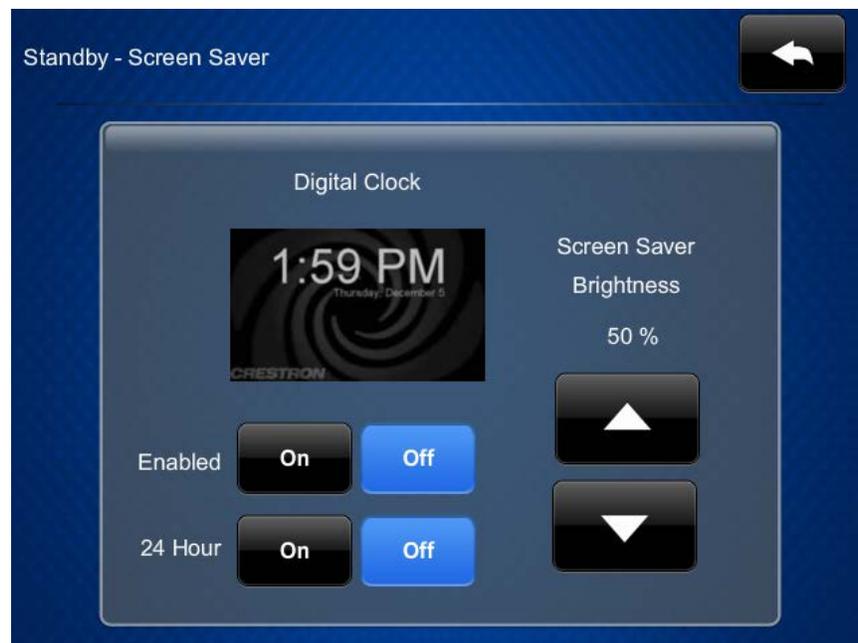
Standby Timeout Screen



The **Standby Timeout** screen provides controls to adjust standby timeout and power down for an undocked TST-602, and standby timeout for a docked TST-602. Standby timeouts can be from 0 to 120 seconds. Power down can be from 0 to 240 seconds.

Tap **Screen Saver Options** to display the **Standby - Screen Saver** screen.

Standby - Screen Saver Screen



The **Standby - Screen Saver** screen provides controls to turn the digital clock screen saver on and off, as well as controls to display the time in a 24-hour format and to adjust the screen saver brightness.

Tap  to return to the **Standby Timeout** screen.

Tap  again to return to the **TST-602 Setup** screen.

Networking Setup

On the **TST-602 Setup** screen, tap **Networking Setup** to display the **Networking Setup - Choose WiFi or LAN** screen.

Networking Setup - Choose WiFi or LAN Screen



The **Networking Setup - Choose WiFi or LAN** screen provides controls for enabling the Wi-Fi® or LAN access. The following paragraphs pertain to LAN setup. For Wi-Fi setup, refer to page 10.

LAN Setup

For LAN, tap **LAN Setup** on the **Networking Setup - Choose WiFi or LAN** screen to display the **Ethernet Setup** screen.

Ethernet Setup Screen

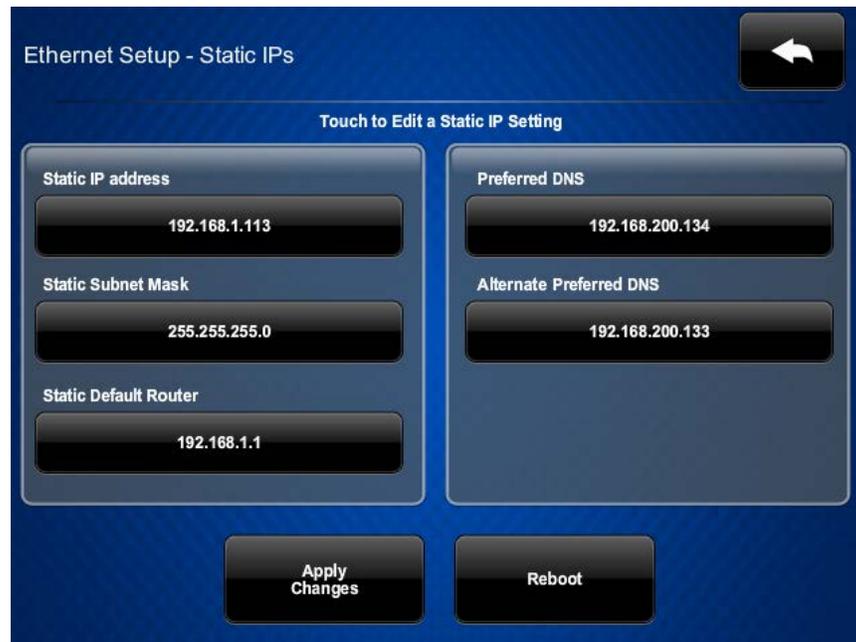


The **Ethernet Setup** screen displays current settings, and provides controls for toggling DHCP on and off.

The TST-602 ships with DHCP enabled by default. To enter static IP settings, use the following procedure:

1. On the **Ethernet Setup** screen, tap **Off** under **DHCP Enabled**, and then tap **Set Static IP Address Settings** to display the **Ethernet Setup - Static IPs** screen.

Ethernet Setup - Static IPs Screen



2. Use the **Ethernet Setup - Static IPs** screen to edit the static IP address, static subnet mask, static default router, preferred DNS, and alternate preferred DNS. Tap each field to display a keypad for entering the new setting.
3. Tap **Apply Changes** to save the new settings.

Tap  to return to the **Networking Setup - Choose WiFi or LAN** screen.

Tap  again to return to the **TST-602 Setup** screen.

WiFi Setup

For Wi-Fi, tap **WiFi Setup** on the **Networking Setup - Choose WiFi or LAN** screen to display the **WiFi Setup** screen.

WiFi Setup Screen



The **WiFi Setup** screen displays current settings and provides controls for toggling DHCP on and off, and for selecting and managing access points.

To enter Wi-Fi settings, use the following procedure:

1. If using a static IP address, tap **Off** under **DHCP Enabled**, and then tap **Set Static IP Address Settings** to display the **WiFi Setup - Static IPs** screen. If using DHCP, skip to step 4 to connect to a Wi-Fi access point.

WiFi Setup - Static IPs



2. Use the **WiFi Setup - Static IPs** screen to edit the static IP address, static subnet mask, static default router, preferred DNS, and alternate preferred DNS. Tap each field to display a keypad for entering the new setting.
3. Tap  to return to the **WiFi Setup** screen. Then tap **Apply Changes**. (Refer to the image of the **WiFi Setup** screen on the previous page.)
4. On the **WiFi Setup** screen, tap **Select a WiFi Access Point** to display the **Connect to a WiFi Access Point: 1-2-3** screen.

Connect to a WiFi Access Point: 1-2-3 Screen



5. Choose from the list of available access points displayed on the left side of the screen. Once selected, the name and security type for the selected access point are displayed on the right side of the screen.

Connect to a WiFi Access Point: 1-2-3 Screen



6. Tap the **Password** field to display a keyboard and then enter the password. Once a password is entered, tap **Save**.
7. Tap **Step 3 - Make this my Access Point**.

Tap  to return to the **Networking Setup - Choose WiFi or LAN** screen.

Tap  again to return to the **TST-602 Setup** screen.

Diagnostics

On the TST-602 Setup screen, tap **Diagnostics** to display the **Diagnostics** screen.

Diagnostics Screen



The **Diagnostics** screen displays the CPU temperature and the available memory, and it provides controls 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



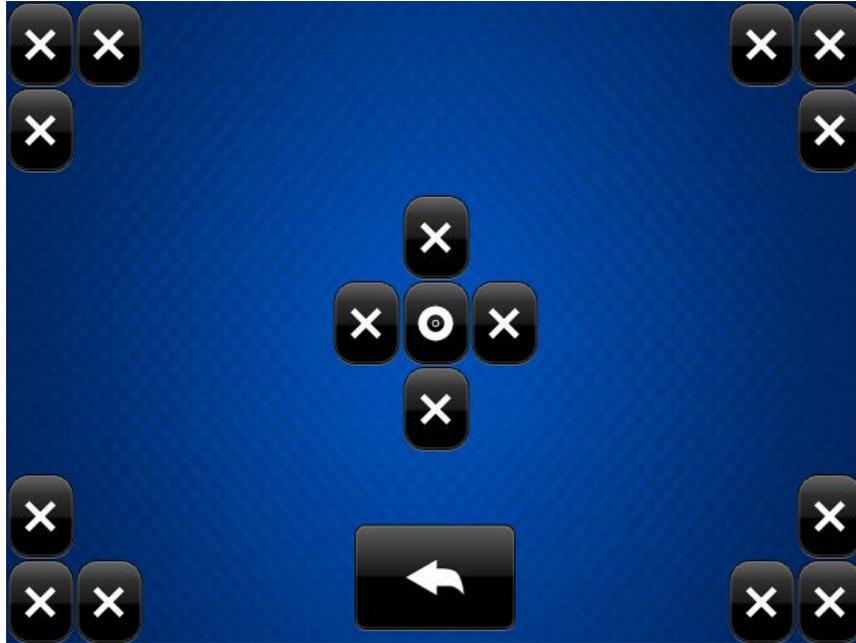
The **Diagnostics - Keypad Test** screen can be used to test the function of the hard keys. When a hard key is pressed, its corresponding indicator on the screen lights.

Tap  to return to the **Diagnostics** screen.

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 is tapped, its indicator on the screen lights.

Tap  to return to the **Diagnostics** screen.

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.

LAN Test

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

Diagnostics - LAN Screen



The **Diagnostics - LAN** screen displays current settings. This screen also contains a Link indicator to show the status of the Ethernet connection, and controls to test the connection to the default router.

Tap  to return to the **Diagnostics** screen.

WiFi Test

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

Diagnostics - WiFi Screen



The **Diagnostics - WiFi** screen displays current settings. This screen also contains a Link indicator to show the status of the Wi-Fi connection, and controls to test the connection to the default router.

Tap  to return to the **Diagnostics** screen.

RF Test

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

Diagnostics - RF LQI Test Screen



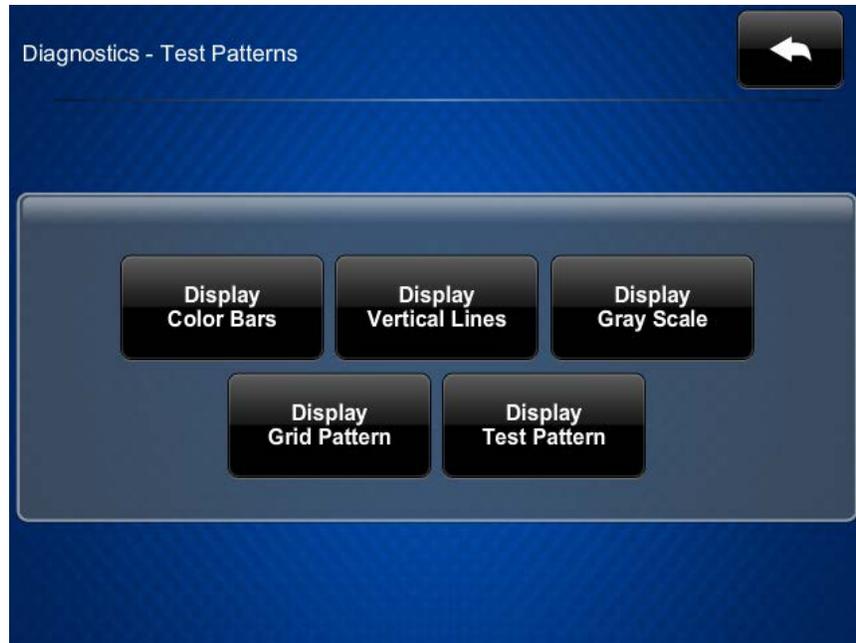
The **Diagnostics - RF LQI** screen provides diagnostic information about the signals from the gateway.

Tap  to return to the **Diagnostics** screen.

Test Patterns

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

Diagnostics - Test Patterns Screen



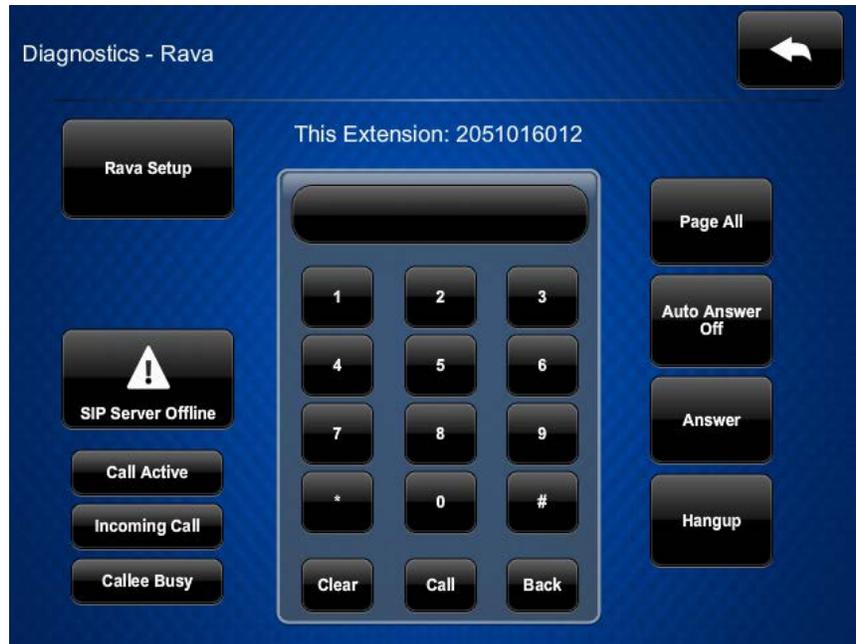
The **Diagnostics - Test Patterns** screen provides buttons for selecting the different available test patterns.

Tap  to return to the **Diagnostics** screen.

Rava Test

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

Diagnostics - Rava Screen



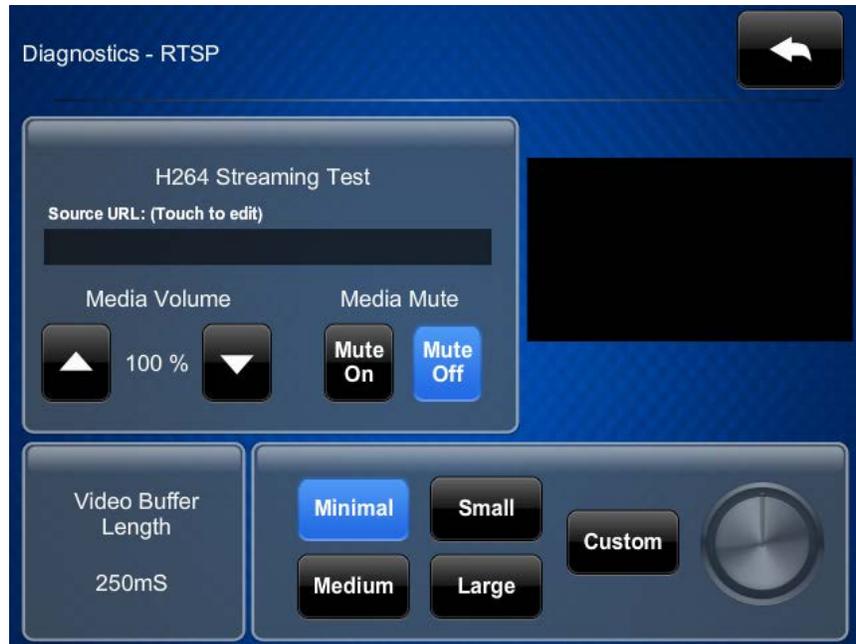
The **Diagnostics - Rava** screen provides controls for testing the use of the Rava[®] SIP Intercom with the TST-602. It can be used to test projects and settings. It can be used to call another Rava-capable touch screen and to test projects and settings. To place a call, dial the extension of the desired touch screen and tap **Call**. 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.

Tap  to return to the **Diagnostics** screen.

RTSP Test

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

Diagnostics - RTSP Screen



The **Diagnostics - RTSP** screen is used to test whether Real-Time Streaming Protocol is functioning on the touch screen. Tap the area below **Source URL: (Touch to edit)** to open the on-screen keyboard. Enter the URL for an H.264 video and then tap **Save**. The video is displayed on the right side of the **Diagnostics - RTSP** screen. The bottom part of the screen provides controls to select among video buffer lengths, or to select a custom length adjustable via a virtual knob.

Tap  to return to the **Diagnostics** screen.

Battery Diagnostics

On the **Diagnostics** screen, tap **Battery Diagnostics** to display the **Diagnostics - Battery** screen.

Diagnostics - Battery Screen



The **Diagnostics - Battery** screen provides information about the battery condition and also has an indicator to show when external power is being applied.

Tap  to return to the **Diagnostics** screen.

Dock Test

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

Diagnostics - Dock Screen



The **Diagnostics - Dock** screen has indicators to confirm the presence of external power and a wall dock. There are controls to release the TST-602 from the wall dock and to toggle docking alert messages on and off.

Tap  to return to the **Diagnostics** screen.

Suspend Test

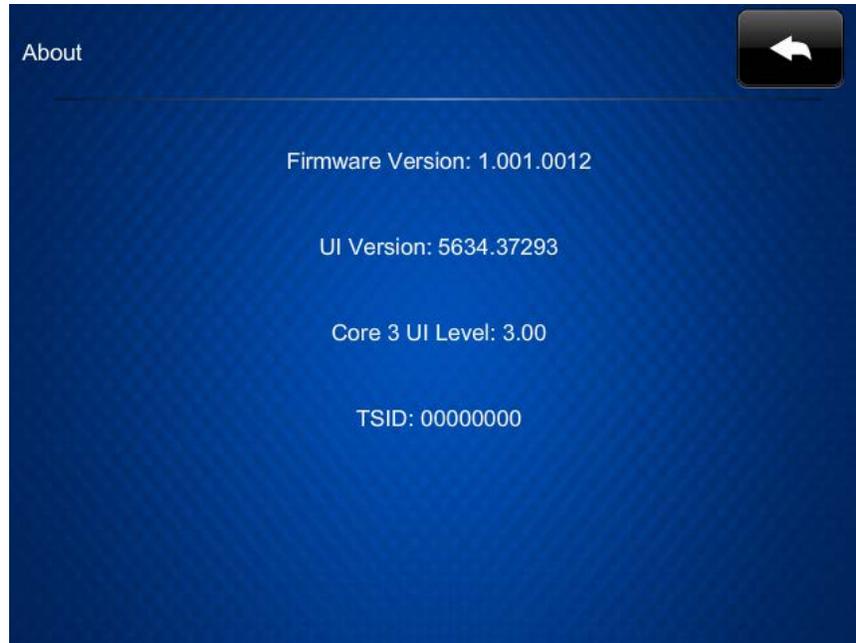
On the **Diagnostics** menu, tap **Suspend Test** to test whether the TST-602 goes into sleep mode properly. Once it is in suspend, touch the screen to wake the TST-602.

Tap  to return to the **TST-602 Setup** screen.

About

On the **TST-602 Setup** screen, tap **About** to display the **About** screen.

About Screen



The **About** screen displays information about the TST-602, including the currently loaded firmware and operating system versions.

Tap  to return to the **TST-602 Setup** screen.

Save & Edit

On the **TST-602 Setup** screen, tap **Save & Exit** to save all settings, exit the setup screens, and return to the main project.

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