TSW-732

7" Room Scheduling Touch Screen

Supplemental Guide

Crestron Electronics, Inc.

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TSW-732:
7" Room Scheduling Touch Screen

Access the Setup Screens

The setup screens enable basic configuration prior to regular operation of the TSW-732 from Crestron®. To display the main setup screen, touch the screen while applying power to the unit.

NOTE: If no project has been loaded or if an invalid project has been loaded, the touch screen defaults to the main setup screen.

During regular operation of the TSW-732, 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 left of the touch screen display in sequence, twice (press 1, 2, 3, 4, 1, 2, 3, 4) within a 5-second period.

The TSW-732 Setup screen is displayed.

TSW-732 Setup Screen

The TSW-732 Setup screen is composed of buttons for Ethernet setup, IP table setup, audio setup, display setup, standby timeout, and diagnostics. In addition, there are buttons to toggle user project mode and system messages on or off. An About button provides information about the touch screen, and a Save & Exit button saves settings and exits the setup screens. The functions of each are detailed in the following pages of this guide.

Configure the TSW-732

Ethernet Setup

On the **TSW-732 Setup** screen, tap **Ethernet Setup** to display the **Ethernet Setup** screen.

Ethernet Setup Screen

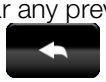
The **Ethernet Setup** screen displays the TSW-732's MAC and IP addresses, subnet mask, default router, primary and secondary DNS, hostname, and domain. There are controls for turning DHCP on and off. When DHCP is off, a **Set Static IP Address Settings** button provides access to controls that allow editing of these settings. This screen also contains a link indicator to show the status of the Ethernet connection.

DHCP is enabled by default. To change to a static IP address, 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

To edit the static IP address, static subnet mask, static default router, preferred DNS, or alternate preferred DNS, tap the button directly under the label for the entry. The on-screen numeric keypad opens.

On-Screen Numeric Keypad

Use the keypad to make the new entry. Tap the "x" in the text field to clear any previous entry. Tap to delete the last digit. Tap **Save** to save a new entry or  to return to the **Ethernet Setup - Static IPs** screen.

After new settings have been saved, tap **Reboot** on the **Ethernet Setup - Static IPs** screen to reboot the TSW-732 so the new settings can take effect.

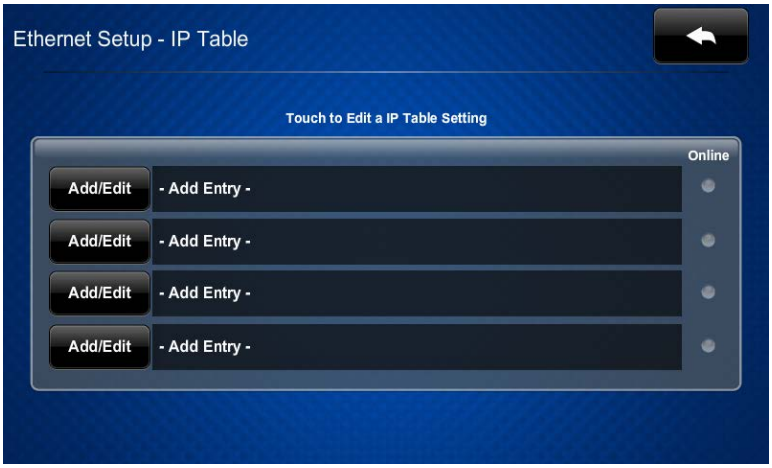
If not making any changes, tap to return to the **Ethernet Setup** screen.

Tap again to return to the **TSW-732 Setup** screen.

IP Table Setup

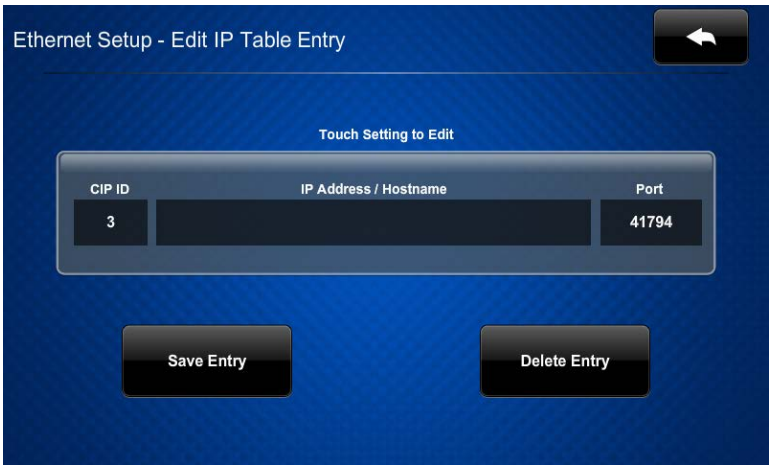
On the **TSW-732 Setup** screen, tap **IP Table Setup** to display the **Ethernet Setup - IP Table** screen.

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 the **Add/Edit** button to its left. The **Ethernet Setup - Edit IP Table Entry** screen is displayed.

Ethernet Setup - Edit IP Table Entry Screen



Tap the field below **CIP ID** to display the on-screen hex keypad.

On-Screen Hex Keypad

Use the keypad to make the new entry. Tap the "x" in the text field to clear any previous entry. Tap to delete the last digit. Tap **Save** to save a new entry or to return to the **Ethernet Setup - Edit IP Table Entry** screen.

Tap the field below **IP Address/Hostname** to display the on-screen keyboard.

On-Screen Keyboard

Use the keyboard to make the new entry. Tap **Cancel** to return to the **Ethernet Setup - Edit IP Table Entry** screen. Tap the "x" in the text field to clear any 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.

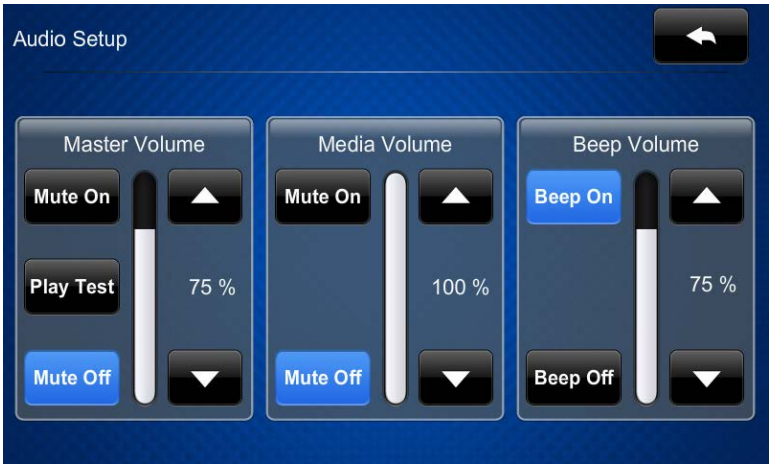
If not making any changes, tap to return to the **Ethernet Setup - IP Table** screen.

Tap again to return to the **TSW-732 Setup** screen.

Audio Setup

On the **TSW-732 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 **TSW-732 Setup** screen.

Display Setup

On the **TSW-732 Setup** screen, tap **Display Setup** to display the **Display Setup** screen.

Display Setup Screen

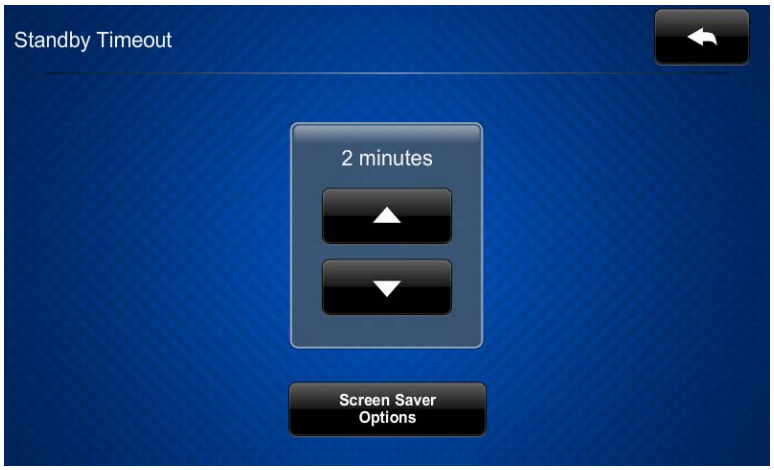
The **Display Setup** screen provides controls to adjust the screen's LCD brightness, green key brightness, and red key brightness. Controls are also provided to enable using a hard key or proximity sensor to wake the LCD. In addition, there are controls for the keys on the left and right sides of the display. The controls turn the hard key lights on and off and toggle the key colors between red and green.

Tap to return to the **TSW-732 Setup** screen.

Standby Timeout

On the **TSW-732 Setup** screen, tap **Standby Timeout** to display the **Standby Timeout** screen.

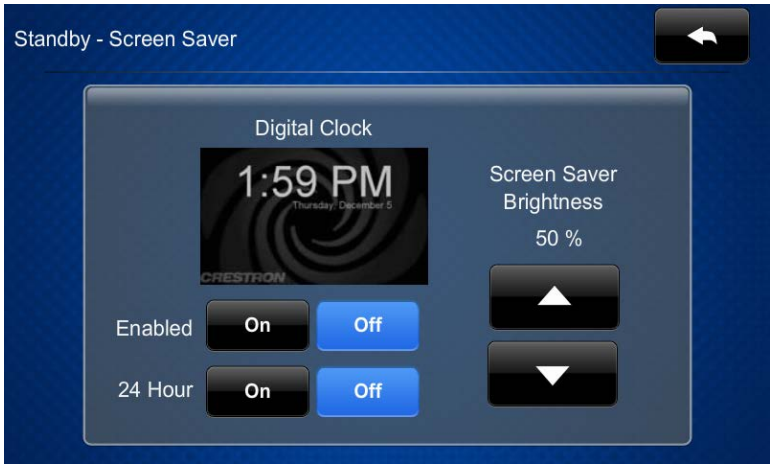
Standby Timeout Screen



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

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, display the time in a 24-hour format, and to adjust the screen saver brightness.

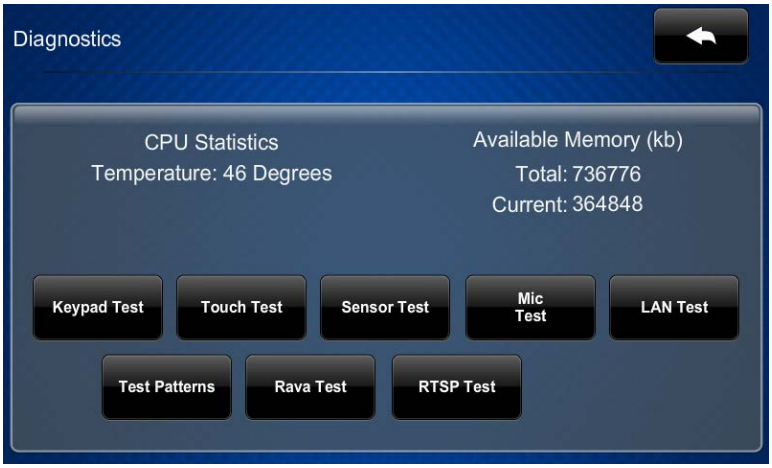
Tap to return to the **Standby Timeout** screen.

Tap again to return to the **TSW-732 Setup** screen.

Diagnostics

On the **TSW-732 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. The test screens 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

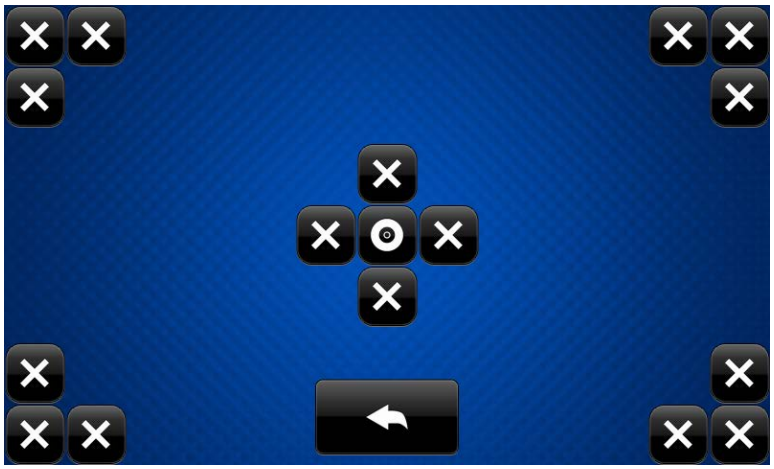
The **Diagnostics - Keypad Test** screen can be used to test the function of the hard keys. When a hard key is pressed, its corresponding indicator on the screen lights.

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



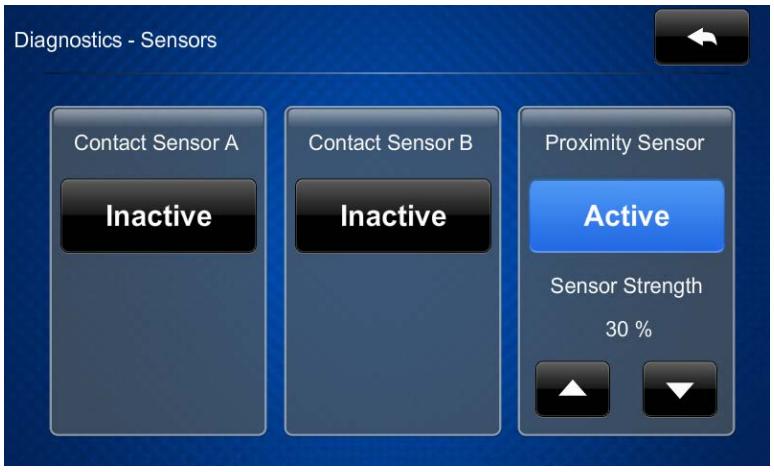
The touch test screen can be used to test the function of the screen. When a location button is tapped, its indicator on the screen lights.

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

Sensor Test

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

Diagnostics - Sensors Screen



The **Diagnostics - Sensors** screen can be used to view the status of the built-in proximity sensor or any sensors attached to the TSW-732. This screen also provides controls for adjusting the proximity sensor strength.

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

Mic Test

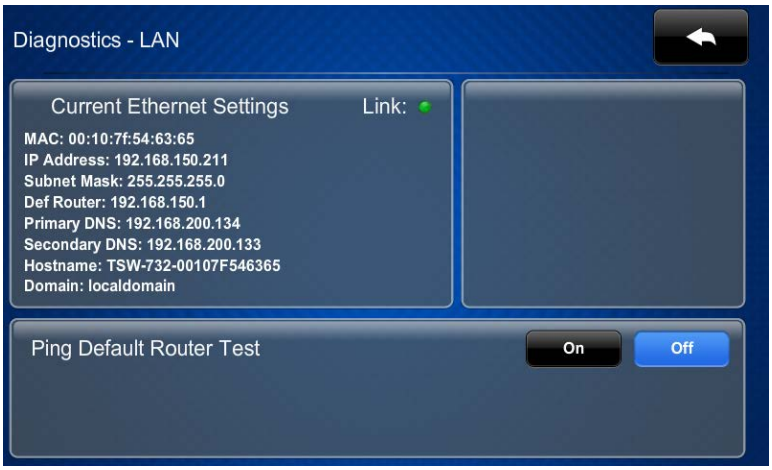
On the **Diagnostics** menu, tap **Mic Test** to begin a microphone test.

The built-in microphone 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 the touch screen's MAC and IP addresses, subnet mask, default router, primary and secondary DNS, hostname, and domain. 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.

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

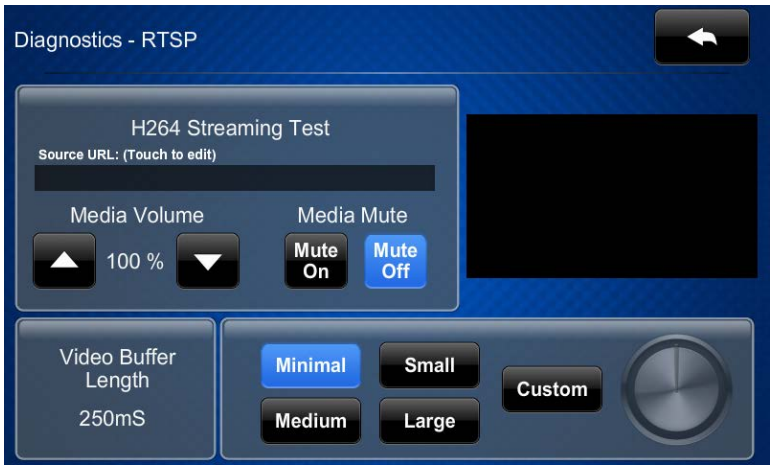
The **Diagnostics - Rava** screen provides controls for testing the use of the Rava® SIP Intercom with the TSW-732. It can be used to call another Rava-capable touch screen and to test projects and settings. To place a call, dial the extension of the desired touch screen and tap **Call**. If the intercom 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.

Tap again to return to the **TSW-732 Setup** screen.

About

On the TSW-732 Setup screen, tap About to display the About screen.

About Screen

The About screen displays information about the TSW-732, including the currently loaded firmware and operating system versions.

Tap to return to the TSW-732 Setup screen.

Save & Edit

On the TSW-732 Setup screen, tap Save & Exit to save all settings, exit the setup screens, and return to the main project.

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