TPS-6X

Isys® 5.7" Wireless Touchpanel

1 Battery Switch

The TPS-6X ships with the battery switch (on the rear) in the OFF (downward) position. The OFF position is used for shipping and long term storage only. Use the included T-pin to turn the switch ON (slide it upward) and place the TPS-6X on the included docking station/charger for a minimum of four hours before using.

To charge the internal battery, the TPS-6X must be placed on the TPS-6X-DS Docking Station, which must be connected to a powered TPS-6X-IMCW Interface Module (included).
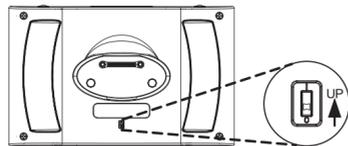
2 Configuring the Touchpanel

The MAIN MENU is the starting point for configuring the TPS-6X. If no project is loaded, touch the screen to access the MAIN MENU. If a project is running, the MAIN MENU can be accessed by using the following procedure:

● Press and hold the right trigger key (1) on the top of the touchpanel and at the same time, touch the upper right corner (2) of the screen.

● Continue holding the right trigger key and touching the upper right corner of the screen. At the same time, press and hold the left trigger key (3) on the top of the touchpanel. After four seconds, the panel will reset.

● Once the screen turns black, release the left trigger key (4) and the panel will enter the MAIN MENU, as shown in the illustration.

● Release the right trigger key and the touch screen.
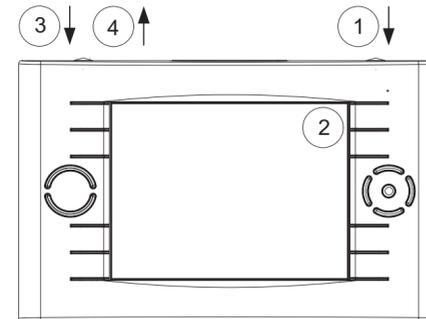
To enter the SETUP MODE menu, touch **Setup** on the MAIN MENU.

MAIN MENU
- Touch Screen Calibration
- Exit and Run Program
- Setup
- Diagnostics
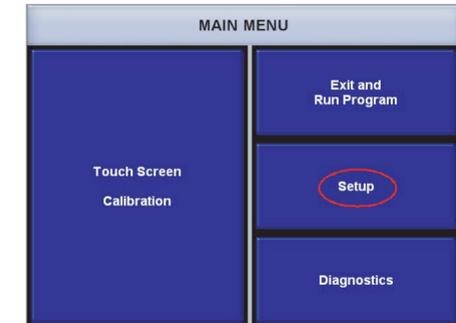
NOTE: From any of the setup menus, touch **RETURN** to go back to the previous menu.

3 Basic Wireless Setup

From the SETUP MODE menu on the TPS-6X, touch **COMM** to enter the COMMUNICATIONS MENU.

Touch **WIRELESS** to enter the WIRELESS SETUP menu.
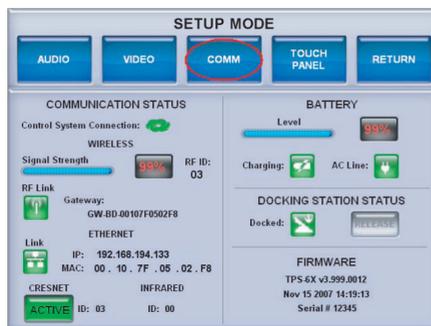
Before a TPS-6X can be used on a wireless network, it must first be acquired by a CEN-HPRFGW gateway (sold separately).

To acquire a TPS-6X:

● Use a styus or other thin tipped object to press **ACQUIRE** on the CEN-HPRFGW gateway to enter the *Acquire* mode. The accompanying LED will illuminate, indicating the unit is ready to link touchpanels.

● Place the TPS-6X in the *Acquire* mode by touching **ACQUIRE START** on the WIRELESS SETUP menu. It will automatically be acquired to the gateway within two minutes.

When the process is complete, the menu will display an *Acquire Complete* message. Press **ACQUIRE** on the gateway to exit *Acquire* mode. The LED will turn off.

If the acquire process is not successful within two minutes, refer to the "Troubleshooting" section of the latest version of the TPS-6X Operations Guide (Doc. 6575).

NOTE: Select an RF channel between 12 and 23 for maximum range. Channels 11, 24-26 will result in less range but are available if RF interference requires moving the RF channel.

Channel 1 (802.11b/g)
Channel 6 (802.11b/g)
Channel 11 (802.11b/g)

── RF (802.15.4)
- - Wi-Fi (802.11b/g)
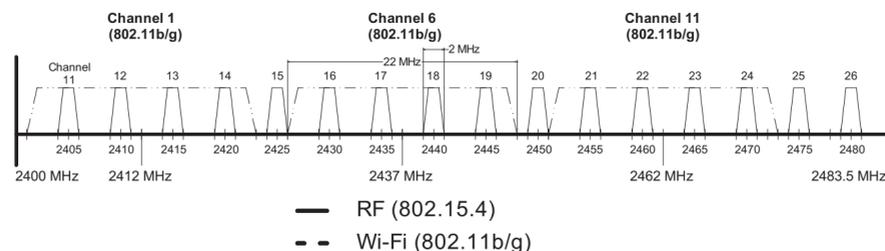
NOTE: The RF ID of the unit must match the RF ID specified in the SIMPL™ Windows® program.

For details, refer to "Appendix A: The RF Spectrum" and "Appendix B: Optimum RF Reception Guidelines" in the latest version of the TPS-6X Operations Guide (Doc. 6575).

To check the quality of your link status, from the MAIN MENU, touch **Diagnostics** to open the DIAGNOSTICS menu.

On the DIAGNOSTICS menu, touch **WIRELESS**, then touch **Link Quality**.

The screen will display the *Received Signal Strength at Panel* and *Received Signal Strength at Gateway* meters.

Other buttons on the DIAGNOSTICS menu should only be used under the supervision of a Crestron® customer service representative during telephone support.

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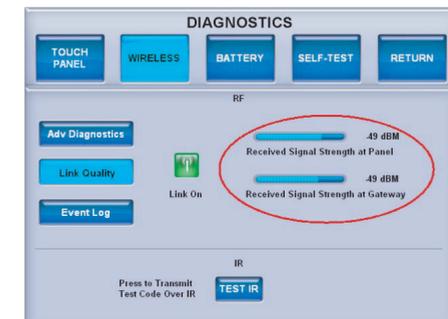
4 Touchpanel Settings

From the SETUP MODE menu, touch the **TOUCH PANEL** button to enter the TOUCHPANEL menu. From the TOUCHPANEL menu, touch **BACKLIGHT** to enter the BACKLIGHT SETUP menu.
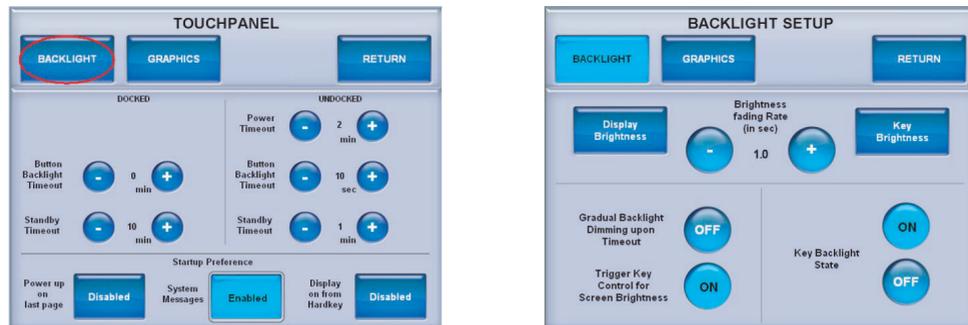
Use the **–** and **+** buttons on the BACKLIGHT SETUP menu to control the *Brightness fading Rate* (i.e. how fast the screen brightness changes when the **HIGH**, **MEDIUM** or **LOW** buttons are touched or the right trigger key is used to control brightness).

Touch **Display Brightness** to enter the DISPLAY BRIGHTNESS menu. Use the **–** and **+** buttons to control the *Current Display Brightness* and the *High Backlight Level*, *Medium Backlight Level* and *Low Backlight Level* presets for the **HIGH**, **MEDIUM** and **LOW** buttons.

Touch **RETURN** to go back to the BACKLIGHT SETUP menu.

From the BACKLIGHT SETUP menu, touch **Key Brightness** to enter the KEY BACKLIGHT BRIGHTNESS menu.

Use the **–** and **+** buttons to control the *Current Key Brightness*, *High Backlight Level*, *Medium Backlight Level* and *Low Backlight Level* presets for the **HI**, **MEDIUM** and **LOW** buttons.

Touch **RETURN** to go back to the BACKLIGHT SETUP menu.

5 Hardware Hookup

After it has been successfully acquired by a CEN-HPRFGW gateway (refer to step 3), the TPS-6X does not require any connections for wireless operation.

For Cresnet® or Ethernet connection or to upload a project or upgrade touchpanel firmware, the TPS-6X must be placed on the TPS-6X-DS Docking Station, which must be connected to the TPS-6X-IMCW Interface Module (both included), which in turn must be connected to a control system via Cresnet or Ethernet.

For details, refer to the latest version of the TPS-6X-DS Operations & Installation Guide (Doc. 6576) and the TPS-6X-IMCW Installation Guide (Doc. 6533).
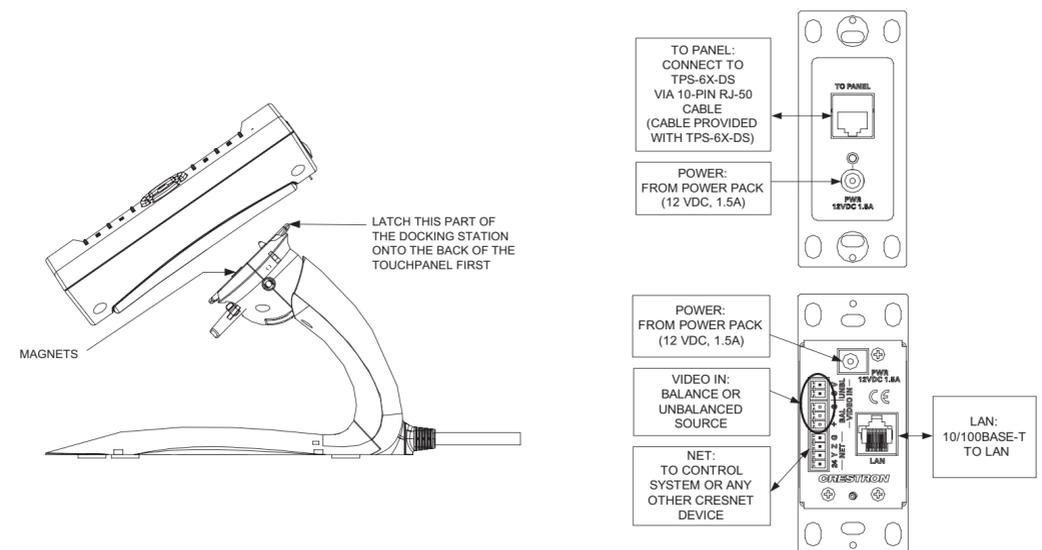
6 Identity Code

For a Cresnet connection, the Net ID of each TPS-6X must be unique and must match the Net ID specified in the SIMPL Windows program. The Net ID of the TPS-6X can be set using the internal setup menu. This is accessed by touching **CRESNET** on the COMMUNICATIONS menu to open the CRESNET SETUP menu.

For an Ethernet connection, the IP ID of each TPS-6X must be unique and must match the IP ID specified in the SIMPL Windows program. The IP ID of the TPS-6X can be set using the internal setup menu. This is accessed by touching the rectangle within the *IP TABLE* section of the COMMUNICATIONS menu to open the IP TABLE EDITOR menu. Use the **DN** and **UP** buttons to select the *CIP ID*.

For details, check the latest revision of the **TPX-6X** Operations Guide, Doc. 6575.

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