Extron Electronics
INTERFACING, SWITCHING AND CONTROL

TLP Pro 725T • Setup Guide

IMPORTANT:
Go to www.extron.com for the complete user guide and installation instructions before connecting the product to the power source.

Overview

The TLP Pro 725T is a 7-inch tabletop capacitive touchscreen with a resolution of 1024x600 and 24-bit color depth. It can be placed on any convenient flat surface.

This guide provides instructions for experienced installers to install a TLP Pro 725T touchpanel. For complete instructions, see the *TLP Pro 725T User Guide*, at **www.extron.com**.

Setup Checklist

Get Ready

- ☐ Download and install the latest version of the following software:
  - ☐ **GUI Designer** — for designing layouts for Extron TouchLink® Pro touchpanels and third party touch interfaces.
  - ☐ **Global Configurator® Professional** or **Global Configurator Plus** — for setting up and configuring the control processor and touchpanel.
  - ☐ **Toolbelt** — provides device discovery, device information, firmware updates, and configuration of network settings, system utilities, and user management for TouchLink Pro devices.
  - ☐ **Global Scripter®** — provides an integrated development environment for Extron control systems programming.

NOTE: All four software programs are available from **www.extron.com**.

- ☐ Obtain the following network information from your network administrator:
  - ☐ DHCP status (on or off). If DHCP is off, you must also obtain:
    - ☐ IP address ☐ Subnet mask ☐ Gateway
  - ☐ User name — this can be either `admin` or `user`.
  - ☐ Password — by default this is `extron` (for either admin or user).
- ☐ Make a note of the touchpanel MAC address.

Mount and Cable All Devices

ATTENTION:
- Do not power on the touchpanels or control processors until you have read the Attention in the “Rear Panel Features” section of the *TLP Pro 725T User Guide* or the *IPCP Pro User Guide or IPL Pro User Guide*.
- Ne branchez pas les écrans tactiles ou les contrôleurs avant d’avoir lu la mise en garde dans la section « Rear Panel Features » du *TLP Pro 725T User Guide* ou du *IPCP Pro User Guide or IPL Pro User Guide*.

- ☐ Mount the units. There are several mounting options for TouchLink Pro touchpanels (see **Mounting** on page 2).
- ☐ Connect the touchpanel to a Power over Ethernet injector.
- ☐ Connect the power injector to the LAN and power it on.

Set up the Touchpanels for Network Communication

- ☐ Connect the PC that you are using for setup, the control processor, and touchpanel **to the same Ethernet subnetwork**.
- ☐ Use the **Setup Menu** (see page 4) or Toolbelt to set the DHCP status and, if necessary, the IP address, subnet mask, gateway, and related settings for the touchpanel.

Configure the Touchpanels

The *GUI Designer Help File*, the *Global Configurator Help File*, and the *Toolbelt Help File* provide step-by-step instructions and more detailed information. The *Global Configurator Help File* includes an introduction to the software and sections on how to start a project and configuration.

Global Scripter provides an Extron-exclusive Python library (ControlScript®) and Global Scripter modules to get you started.

Mounting

The TLP Pro 725T stand allows the touchpanel to be placed on any suitable flat surface.

The TLP Pro 725T can also be mounted with the optional Extron SMA-2 swivel mount adapter, which allows it to be secured to the table and swivel up to 180° in either direction. Attach the SMA-2 to the mounting holes in the base of the TLP Pro 725T (see **figure 3**, Ⓐ on the following page) and follow the instructions in the *SMA-2 Swivel Mount Adapter Kit User Guide*.

Front Panel Features

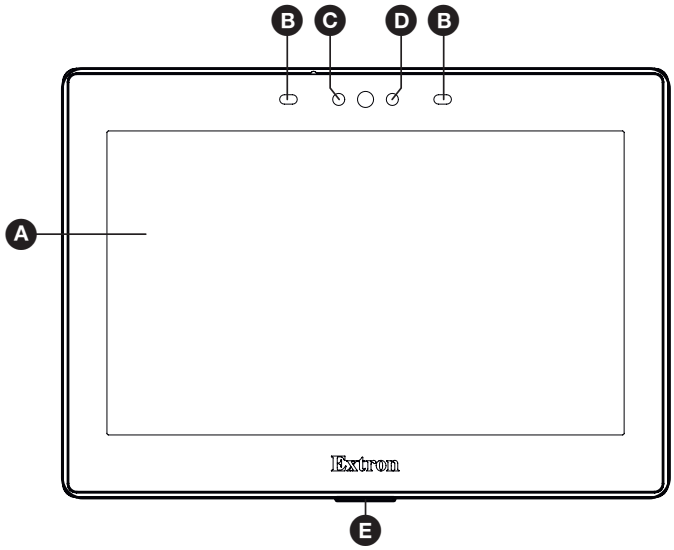


Figure 1. TLP Pro 725T Front Panel

Ⓐ **LCD touchscreen** — 7-inch, 1024x600 resolution touchscreen, made with Corning Gorilla Glass, which is stronger and more scratch-resistant than standard glass, while maintaining touch sensitivity, color saturation, and brightness.

Ⓑ **Motion sensor** (2) — detects motion between three to five feet from the touchpanel, and at least 15° from the center axis.

- When no motion has been detected for a user-defined period of time, the touchpanel enters sleep mode.
- When motion is detected by the sensor, the screen display is restored and active.

Ⓒ **Communication LED** — shows the configuration and connection status of the touchpanel:

- Unlit during normal operation (the touchpanel is configured and connected to an IP Link Pro control processor).
- Blinks red if the touchpanel has been configured but is not connected to an IP Link Pro control processor.
- Solidly lit if the touchpanel has not been configured.

The indicator can be toggled between enabled and disabled, using the **Setup Menu** (see page 4).

Ⓓ **Light sensor** — monitors ambient light level and adjusts screen brightness, based on the settings configured using the **Setup Menu** (see page 4).

Ⓔ **Status light** — can be programmed to provide system feedback. The light can be red or green and can blink or light solidly. For information about programming this light, see the *Global Configurator Help File* or the *Global Scripter Help File*.

Rear Panel Features

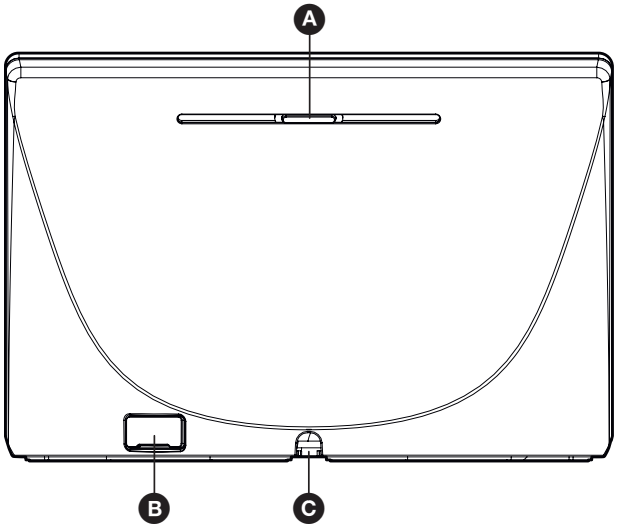


Figure 2. **TLP Pro 725T Rear Panel**

- **A** **Status light** — can be programmed to provide system feedback. The light can be red or green and can blink or light solidly. For information about programming this light, see the *Global Configurator Help File* or the *Global Scripter Help File*.
- **B** **Type A USB port** — Compatible with USB 2.0. The port is concealed behind a plastic cover, which can be removed with a small, flat-bladed screw driver.
- **C** **Cable guide** — The LAN/PoE cable is inserted through this hole at the back of the base (see **LAN/PoE connector** below).

Base

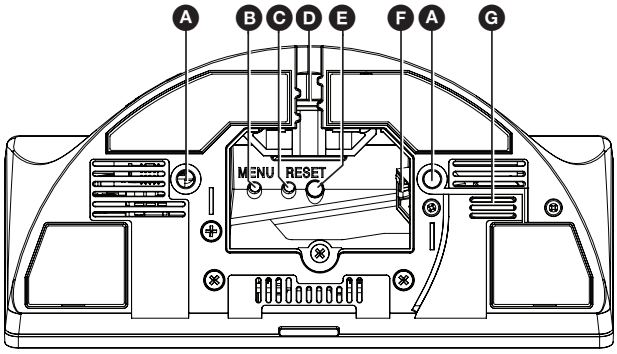


Figure 3. **TLP Pro 725T Base**

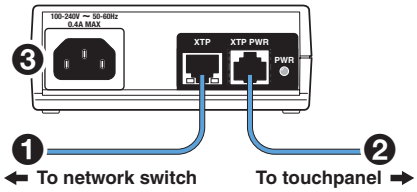


Figure 4. **Connecting to a Power Injector**

- **A** **Mounting holes**
- **B** **Menu button** — Activates the setup menu (see **Setup Menu** on the following page).
- **C** **Reset button** — Initiates one of three reset modes for the unit (see **Reset Modes: a Brief Summary** on the following page).
- **D** **Cable guide** — The LAN/PoE cable is inserted through this hole at the back of the base.
- **E** **Reset LED** — Indicates power status and reset status of the device (see **Reset Modes: a Brief Summary** on the following page).
- **F** **LAN/PoE Connector** — Attach the LAN/PoE cable to this RJ-45 port. The TLP Pro 725T ships without a power injector, which must be purchased separately. Figure 4 shows the Extron XTP PI 100. Your power injector may look different.
  Connect a straight-through Ethernet cable from the power injector to a switch or router (Figure 4, 1). This cable carries network information from the switch or router to the power supply input. A second straight-through cable carries the network information and 48 VDC from the power injector to the touchpanel (2). Connect the IEC power cord to a convenient 100 VAC to 240 VAC, 50-60 Hz power source (3).
- **G** **Speaker** — A single speaker provides audible feedback for the user.

ATTENTION:

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- Ne branchez pas les écrans tactiles ou les contrôleurs avant d’avoir lu la mise en garde dans la section « Rear Panel Features » du *TLP Pro 725T User Guide*.

Reset Modes: a Brief Summary

The TLP Pro 725T offers the following reset modes:

- **Use Factory Firmware:** Press and hold the **Reset** button (figure 3, C, on the previous page) while applying power to the unit. Use this mode with Toolbelt software to replace firmware in the event of conflicts arising from uploading a firmware update.
- **Reset All IP Settings:** Press and hold the **Reset** button until the Reset LED (figure 3, E) flashes twice (about 6 seconds). Release and momentarily press the **Reset** button again. Use this mode to reset all network settings without affecting user-loaded files.
- **Reset to Factory Defaults:** Press and hold the **Reset** button until the Reset LED flashes three times (about 9 seconds). Release and momentarily press the **Reset** button again. Use this mode to return the touchpanel to factory default settings.

Setup Menu

Press the **Menu** button (see figure 3, B) to open the setup menu. Select any of the five available screens (`Status`, `Network`, `Display`, `Audio`, and `Advanced`) by pressing the appropriate button in the navigation bar at the top of the screen (for more information, see the *TLP Pro 725T User Guide*).

Press and hold the **Menu** button for at least 3 seconds to open the calibration screen. Follow the on-screen instructions.

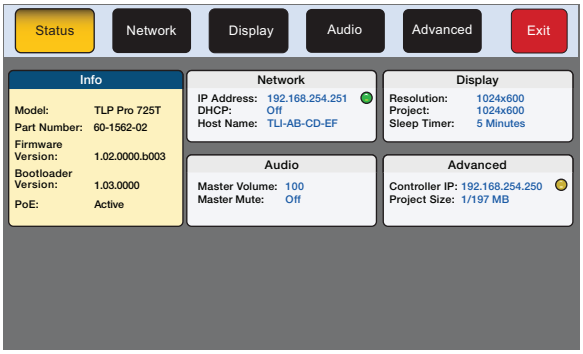


Figure 5. Setup Menu: Status Screen for TLP Pro 725T

Extron Headquarters
+1.800.633.9876 (Inside USA/Canada Only)
Extron USA - West +1.714.491.1500 +1.714.491.1517 FAX
Extron USA - East +1.919.850.1000 +1.919.850.1001 FAX

Extron Europe
+800.3987.6673 (Inside Europe Only)
+31.33.453.4040 +31.33.453.4050 FAX

Extron Asia
+65.6383.4400 +65.6383.4664 FAX

Extron Japan
+81.3.3511.7655 +81.3.3511.7656 FAX

Extron China
+86.21.3760.1568 +86.21.3760.1566 FAX

Extron Middle East
+971.4.299.1800 +971.4.299.1880 FAX

Extron Australia
+61.8.8113.6800 +61.8.8351.2511 FAX

Extron India
1800.3070.3777 (Inside India Only)
+91.80.3055.3777 +91.80.3055.3737 FAX

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