

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

Overview

The Extron® TLP Pro 1230WTG is a 12" ultra-wide tabletop touchpanel with a capacitive, edge-to-edge glass touchscreen and a resolution of 1920x720. It has a weighted base that allows it to stand on any suitable table or desktop. It is ideal for any AV applications requiring a large touchpanel with a fully customizable interface. This guide provides instructions for experienced installers to mount and install the touchpanel. For more complete details, see the *TLP Pro 1230WTG User Guide* at www.extron.com.

Setup Overview and 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® Plus and Professional** — For setting up and configuring the control processor and touchpanel
 - **Global Scripter®** — Provides an integrated development environment for Extron control systems programming. Global Scripter provides an Extron-exclusive Python™ library (ControlScript®) and Global Scripter modules to get you started.
 - **Toolbelt** — For device discovery, device information, firmware updates, and configuration of network settings, system utilities, and user management for TouchLink Pro devices.

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 also require:
 - IP address**
 - Subnet mask**
 - Gateway**
 - Username** — This can be either admin or user.
 - Passwords** — The factory configured passwords for all accounts on this device have been set to the device serial number. Passwords can be changed during configuration. Passwords are case sensitive.

NOTE: If the device is reset to default settings, the passwords are reset to the default password, which 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 until you have read the Attention in the "Power Supply" section of the *TLP Pro 1230WTG User Guide*.
- Ne branchez pas les écrans tactiles avant d'avoir lu la mise en garde dans la section « sources d'alimentation » du *TLP Pro 1230WTG User Guide*.

- Mount the units. There are several mounting options for TouchLink Pro touchpanels (see [Mounting](#) on page 2).
- Connect cables to the touchpanels (see [Rear Panel and Base Features](#) on page 3).
- Connect the touchpanel to a power source. These models must be powered by PoE. A power injector must be purchased separately.
- An Extron IP Link® control processor must be connected to the same Ethernet subnetwork as the touchpanel.

Set up the Touchpanels for Network Communication

- Connect the PC that you will use 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

- Create a graphical user interface with GUI Designer (see the *GUI Designer Help File* for step-by-step instructions).
- Associate functions with the graphical user interface features using Global Configurator or Global Scripter.

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Mounting

Go to www.extron.com to see a list of optional mounting kits that are available for this model. The kits must be purchased separately. Follow the installation instructions provided with the kit.

Desktop Mounting

These touchpanels come assembled with stands that allow them to be placed on any suitable flat surface (for example a desk, table, or lectern).

Fixed Mounting

1. Mark the location for two mounting holes, 4.96 inches (126 mm) apart (see [figure 2](#), **B**, on page 3).
2. Drill two pilot holes into the desktop.
3. Insert two #10 flat-head wood screws (not provided) through the touchpanel and align them with the two pilot holes.
4. Secure the touchpanel to the tabletop.

SMA-1 Swivel Mount Adapter

To permanently mount the touchpanel and swivel it up to 180° in either direction, use the optional Extron SMA-1 swivel mount adapter.

1. Attach the conduit, insulation disk, and swivel disk and configure the set screws to allow for the degree of swivel that is required (see the *SMA-1 Swivel Mount Adapter Kit User Guide*, available at www.extron.com).
2. Place the mounting hole in the base over the conduit of the SMA-1.
3. Secure the unit with the backing plate and locking nut as described in the *SMA-1 Swivel Mount Adapter Kit User Guide*.

Front Panel Features

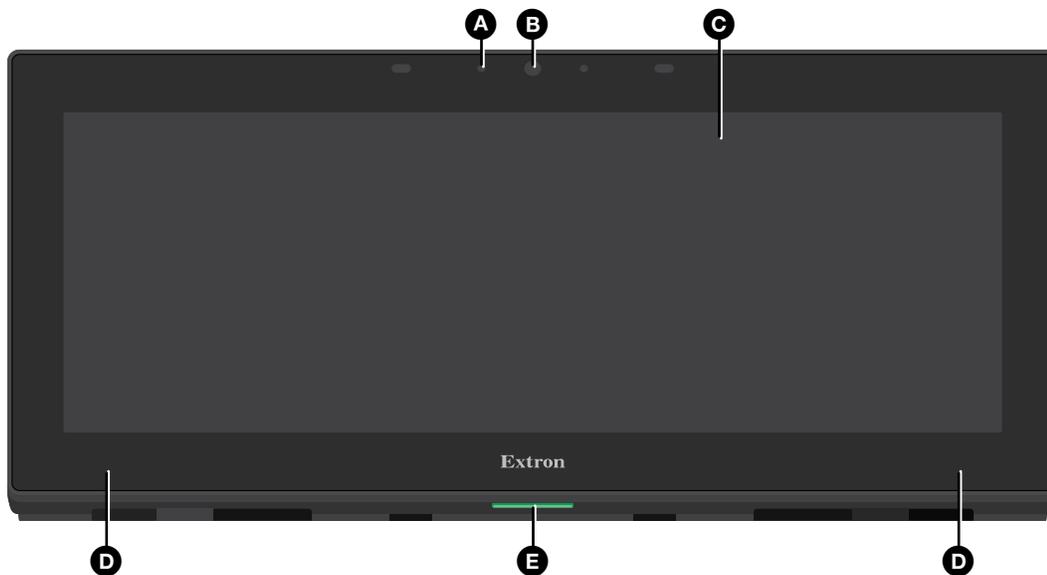


Figure 1. TLP Pro 1230WTG Front Panel

- A Ambient light sensor** — Monitors ambient light level and adjusts screen brightness.
- B Motion sensor** — Detects motion between three to five feet from the touchpanel, and at least 15° from the center axis.
 - If the **Sleep Timer** has been set, and no motion has been detected for a user-defined period of time, the touchpanel enters sleep mode.
 - If **Wake on Motion** has been set, and motion is detected by the sensor while the screen is in sleep mode, the screen display is restored and active.
- C Capacitive touch screen** — Provides simple control of AV systems. The TLP Pro 1230WTG has a 12 inch screen with a 1920x720 resolution.
- D Speakers** — Provide stereo audio for video preview and audible feedback from button presses. They are located below the screen, one on each side of the panel.
- E Status light** — Can be programmed to provide system feedback. The LED light bar is located under the screen.

Rear Panel and Base Features

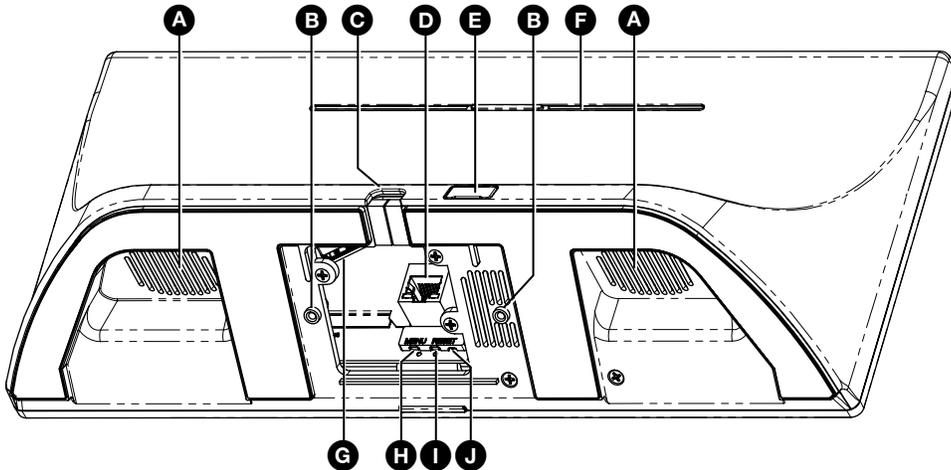


Figure 2. TLP Pro 1225TG Rear Panel and Base

- A Speakers (2)** — For video preview and audible feedback for the user.
- B Mounting Holes** — Used to secure the touchpanel to a desktop or other flat surface (see [Desktop Mounting](#) on page 2).
- C Cable Guide** — The LAN/PoE and HDMI cables are inserted through this hole at the back of the base (see “TLP Pro 1230WTG Base Features” in the *TLP Pro 1230WTG User Guide*).
- D LAN/PoE Connector** — These touchpanels must be powered by Power over Ethernet (PoE; see “Connecting Power” below).

ATTENTION:

- Do not power on the touchpanels until you have read the Attention notice in the “Power Supply” section of the *TLP Pro 1230WTG User Guide*.
- Ne branchez pas les écrans tactiles avant d’avoir lu la mise en garde dans la section « Power Supply » du *TLP Pro 1230WTG User Guide*.

NOTE: The TLP Pro 1230WTG ships without a power injector. The power injector must be purchased separately.

- E USB connector** — Compatible with USB 2.0. The port is concealed behind a plastic cover, which can be removed with a small, flat-bladed screw driver.
- F Rear status light** — An LED light bar that can be programmed to provide system feedback.
- G HDMI Connector** — A recessed connector for HDMI input.
- H MENU button** — Activates the [Setup Menu](#) (see page 4).
- I RESET button** — Pressing the **RESET** button allows the unit to be reset in any of three different modes and can also be used to toggle between enabling and disabling the DHCP client (see [Reset Modes: A Brief Summary](#) on page 4)
- J RESET LED** — Provides feedback about the reset status when the user presses the **RESET** button (see [Reset Modes: A Brief Summary](#)).

Connecting Power

ATTENTION:

- Do not power on the touchpanels until you have read the Attention notice in the “Power Supply” section of the *TLP Pro 1230WTG User Guide*.
- Ne branchez pas les écrans tactiles avant d’avoir lu la mise en garde dans la section « Power Supply » du *TLP Pro 1230WTG User Guide*.

The TLP Pro 1230WTG must be powered by Power over Ethernet (PoE). The power injector must be purchased separately. The PI 140 is shown in [figure 3](#) on page 4. Your power injector may look different.

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1. Connect a straight-through Ethernet cable from the power injector to a switch or router. This cable carries network information from the switch or router to the power supply input.
2. Connect a second straight-through cable from the power injector to the PoE/LAN connector of the touchpanel (see [figure 2](#), **D**, on page 3). This cable carries the network information and 48 VDC from the power injector to the touchpanel.
3. Connect the IEC power cord to a convenient 100 VAC to 240 VAC, 50-60 Hz power source.

Alternatively, use an Ethernet cable to connect the LAN/PoE+ port of the touchpanel to a PoE+ switch.

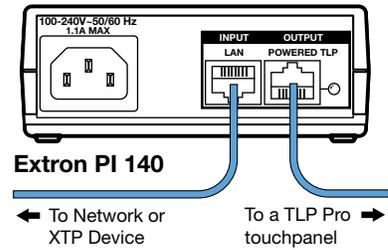


Figure 3. Connecting the Power Injector

Reset Modes: A Brief Summary

The TLP Pro 1230WTG offers the following reset modes. For complete information, see the *TLP Pro 1230WTG User Guide*.

- **Use factory firmware:** Use this mode to replace firmware in the event of firmware failure. Press and hold the **RESET** button (**I**) while applying power to the unit.
- **Reset All IP Settings:** Use this mode to reset all network settings without affecting user-loaded files. Press and hold the **RESET** button for 6 seconds. After the **RESET** LED (**J**) blinks twice (at 3 and 6 seconds), release and momentarily press the **RESET** button.
- **Reset to Factory Defaults:** Use this mode to return the touchpanel to factory default settings, including passwords. Press and hold the **RESET** button for 9 seconds. After the **RESET** LED blinks three times (at 3, 6 and 9 seconds), release and momentarily press the **RESET** button.

NOTES:

- The factory configured passwords for all accounts on this device have been set to the device serial number. Passwords can be changed during configuration. Passwords are case sensitive.
- If the device is reset to default settings, the passwords are reset to the default password, which is *extron* (for either *admin* or *user*).

- **Enable or Disable the DHCP Client:** Use this mode to toggle between DHCP enabled and DHCP disabled. Press the **RESET** button five times, consecutively. After the fifth press, do not press the button again within 3 seconds. If DHCP was enabled, it is now disabled and the **RESET** LED blinks three times. If DHCP was disabled, it is now enabled and the **RESET** LED blinks six times.

NOTES:

- By default DHCP is off and the unit uses a static IP address.
- When you disable the DHCP client, the unit reverts to using the previously-set static IP address.

Setup Menu

Press the **Menu** button (**H**) to open the setup menu. Select any of the six available screens (Status, Network, Display, Audio, Input and Advanced) by tapping the appropriate button in the navigation bar at the top of the screen (for more information, see the *TLP Pro 1230WTG User Guide*).

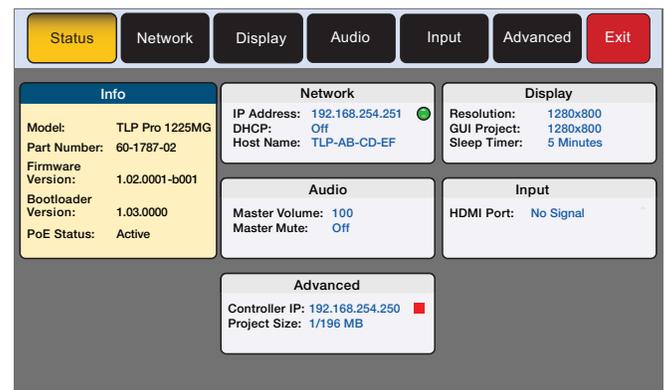


Figure 4. Setup Menu: Status Page for TLP Pro 1230WTG

For information on safety guidelines, regulatory compliances, EMI/EMF compatibility, accessibility, and related topics, see the [Extron Safety and Regulatory Compliance Guide](#) on the Extron website. For information about replacing and disposing of batteries, see the *TLP Pro 1230WTG User Guide* at www.extron.com.