TLC Pro 521 M

5" WALL MOUNT TOUCHLINK PRO CONTROLLER

▸ **5" capacitive touchscreen with 800x480 resolution and 16 million colors**

▸ **Built-in control processor:**
  – One bidirectional RS-232 port
  – Two relays for controlling room functions
  – One IR/Serial port for one-way control of external devices
  – One digital input for connection to sensors, switches, relays, and more

▸ **Power over Ethernet allows the controller to receive power and communications over a single Ethernet cable**

▸ **Supports Ethernet-controllable devices:**
  – Up to 4 devices with GC Plus
  – Up to 8 devices with GC Pro

▸ **Removable captive screw connectors provide quick and easy connection**

▸ **Light sensor adjusts screen brightness as the ambient room lighting changes**

The Extron TLC Pro 521M combines a 5" wall mount touchpanel with a powerful Extron control processor. The TLC Pro 521M borrows the vibrant, capacitive touchscreen of the TLP Pro 520M TouchLink Pro Touchpanel, and adds a secure, powerful control processor, producing a feature-packed touchscreen in a compact form factor. The TLC Pro 521M is ideal for classrooms, boardrooms, or any presentation environment requiring the visual appeal of a touchpanel and the flexible control options found within Extron control processors.

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DESCRIPTION

The **TLC Pro 521M** is a convenient, all-in-one 5" wall mount touchpanel with a built-in control processor. In addition to its convenience and ease-of-use, it features built in Ethernet control of up to four devices with GC Plus and eight devices with GC Pro. This allows simple touchpanel control of multiple Ethernet-enabled AV devices, such as displays, switchers, and sources.
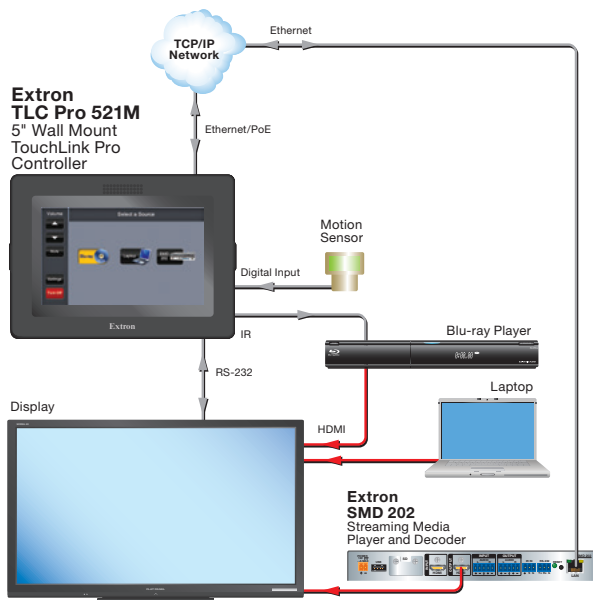
The TLC Pro 521M is configured using Global Configurator Plus or Global Configurator Professional software. It also integrates seamlessly with Extron's award-winning GlobalViewer® Enterprise software for complete AV resource monitoring, management, and control over a computer network.

The TLC Pro 521M control interface can be customized using Extron GUI Designer software. This powerful interface design software offers ready-to-use templates for a wide variety of rooms and presentation environments.

KEY FEATURES

▸ **Built-in control processor** – Optimized for environments where component space may be a concern.

▸ **One bidirectional RS-232 port** – Dedicated port for communicating with virtually any device via RS-232.

▸ **Two relays for controlling room functions** – Enables control of lighting, screen settings, and other device functions.

▸ **One IR/Serial port for one-way control of external devices**

APPLICATION DIAGRAM

SPECIFICATIONS

DISPLAY	
Screen type	Active matrix TFT color display
Size	5" (12.7 cm), measured diagonally
Resolution	800x480
Aspect ratio	Widescreen
Color depth	16 M colors
Contrast	250:1
MEMORY	
SDRAM	512 MB
Flash	512 MB
COMMUNICATION — ETHERNET INTERFACE	
Ethernet control/communications port	1 female RJ-45 connector
Ethernet data rate	10/100Base-T, half/full duplex with autodetect
TOUCHPANEL SENSORS	
Motion sensor	On/off
Light sensor	On/off
DIGITAL INPUT CONTROL	
Quantity/type	1 digital input
Connector	(1) 3.5 mm captive screw connector, 2 pole
SERIAL CONTROL	
Quantity/type	1 bidirectional RS-232
Connector	(1) 3.5 mm captive screw connector, 3 pole
RELAY CONTROL	
Quantity/type	2 normally open relays
Relay control connectors	(1) 3.5 mm captive screw connector, 3 pole
IR/SERIAL CONTROL	
Quantity/type	1 programmable: unidirectional RS-232 (±5 V), or TTL level (0 to 5 V) infrared (carrier or non-carrier)
Connector	(1) 3.5 mm captive screw connector, 2 pole
AUDIO OUTPUT	
Speaker output	1 mono, 86 dB SPL, 0.1 watt, 0.1 m, half space
GENERAL	
Power supply	Not included
Power input requirements	12 VDC or Power over Ethernet (PoE 802.3af, class 3)
Mounting Furniture or wall mount	With included hardware
Regulatory compliance Safety	CE, c-UL, UL
EMI/EMC	CE, C-tick, FCC Class A, ICES, VCCI
Environmental	Complies with the appropriate requirements of RoHS and WEEE.
Warranty	3 years parts and labor; touchpanel display and overlay components are covered for 1 year

Model	Version Description	Part number
TLC Pro 521M	Wall Mount Controller	60-1284-02

Optional Accessories

Model	Version Description	Part Number
XTP PI 100	Single Port Power Injector	60-1233-01
PS 1210 C	12V, 1A, Captivate Screw Connector	70-775-01

For complete specifications, please go to www.extron.com
Specifications are subject to change without notice.

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