# TLP Pro 520M

## 5" WALL MOUNT
## TOUCHLINK PRO TOUCHPANEL

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

▶ **Faster processing and more memory**

▶ **Compatible with all IP Link® Pro control processors**

▶ **Power over Ethernet allows the touchpanel to receive power and control over a single Ethernet cable, eliminating the need for a local power supply**

▶ **Digital input allows for a connection with a variety of devices, such as sensors, switches, and relays**

▶ **Built-in speaker with improved audio performance**

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

▶ **Mounts on a wall, lectern, or any flat surface including glass**

▶ **System connection status indicator provides visual feedback if the touchpanel is not communicating with a control processor**

▶ **Supports TouchLink for iPad and TouchLink for Web**

▶ **Can be mounted in either portrait or landscape orientations**



The Extron TLP Pro 520M is a 5" wall mount touchpanel with a capacitive glass touchscreen. As with all TouchLink® Pro models, this customizable touchpanel features faster processing and more memory. It is the first Extron touchpanel that can be mounted in both portrait and landscape orientations. The 24 bit color, 800x480 capacitive touchscreen provides a vibrant image and more responsive control surface. The TLP Pro 520M works with any Extron IP Link® Pro control processor and is designed for use in AV system applications that require complete, interactive control of conferencing systems, displays, switchers, and source devices.

## Extron Electronics
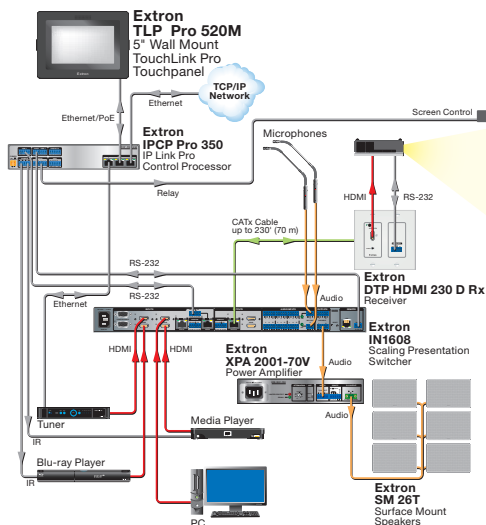### INTERFACING, SWITCHING AND CONTROL

## DESCRIPTION

The Extron **TLP Pro 520M** is a 5" wall mount touchpanel with a vibrant image and highly-responsive capacitive glass touchscreen. It is the first TouchLink touchpanel that can be mounted in both portrait and landscape orientations. In addition to more processing power and memory, Power over Ethernet - PoE allows the touchpanel to receive power and communications over a single Ethernet cable. The TLP Pro 520M features a similar design as our legacy TouchLink touchpanels, allowing it to easily blend in with existing Extron technology in your facility. It is ideal for any AV application requiring a compact, capacitive touchscreen with flexible mounting options and a fully customizable interface.

All TouchLink Pro touchpanels can be customized using Extron GUI Designer software. This powerful user interface design software offers ready-to-use templates for a wide variety of rooms and presentation environments. These designs may be used as is, or customized for the application by simply changing individual graphic elements.

## KEY FEATURES

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

▶ Faster processing and more memory

▶ Compatible with all IP Link® Pro control processors

▶ Power over Ethernet allows the touchpanel to receive power and control over a single Ethernet cable, eliminating the need for a local power supply

▶ Built-in speaker with improved audio performance

## 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 |

| CONTROL — ETHERNET INTERFACE | |
|---|---|
| Ethernet data rate | 10/100Base-T, half/full duplex with autodetect |
| Ethernet protocol | DHCP, DNS, HTTP, HTTPS, ICMP, SFTP, SSH, TCP/IP, UDP/IP |

| CONTROL — DIGITAL INPUT | |
|---|---|
| Quantity/type | 1 digital input |
| Connector | (1) 3.5 mm captive screw connector, 2 pole |
| Digital inputs | |
| Input voltage range | 0 to 24 VDC, clamped at +30 VDC |
| Input impedance | 29k ohms |
| Upper threshold | 2.8 VDC |
| Lower threshold | 2.0 VDC |

| AUDIO OUTPUT | |
|---|---|
| Speaker output | 1 mono, 86 dB SPL, 0.1 watt, 0.1 m, half space |
| Playback format(s) | WAV files: 16 bit PCM, stereo, 48 kHz sampling |

| GENERAL | |
|---|---|
| Power supply | Not included |
| Power input requirements | 12 VDC<br>or Power over Ethernet (PoE 802.3af, class 3) |
| Temperature/humidity | Storage: -22 to +158 ˚F (-30 to +70 ˚C) /<br>10% to 90%, noncondensing<br>Operating: +32 to +122 ˚F (0 to +50 ˚C) /<br>10% to 90%, noncondensing |
| 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 |
|---|---|---|
| TLP Pro 520M | Black - Wall Mount | 60-1185-02 |

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

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