TLP 350MV

TOUCHLINK™ 3.5" WALL MOUNT TOUCHPANEL

- ■ **Easy control system setup using included Global Configurator software - no programming required**
- ■ **GUI Configurator software for template-based touchscreen layout design**
- ■ **3.5" high resolution color touchscreen**
- ■ **Eight customizable backlit buttons**
- ■ **User-friendly volume knob for simple and intuitive volume control**
- ■ **Full motion video window for use as a preview, confidence monitor, or security camera monitor**
- ■ **Integrated Ethernet port compatible with Extron IP Link-enabled control processors**
- ■ **Supports Power over Ethernet, PoE 802.3af, power injector included**
- ■ **Built-in speaker provides audible feedback when a button is pressed**
- ■ **Configurable display sleep timer saves energy**
- ■ **Motion detector senses movement near the screen, waking the panel from an energy saving mode**
- ■ **Auto dimming feature adjusts touchscreen brightness as room lighting changes**
- ■ **Automatic clock synchronization with controller for accurate time/date display**
- ■ **Three-gang mounting on a wall, lectern, or any flat surface**
- ■ **UL/c-UL listed and CE compliant**

Extron TouchLink™ is the first fully configuration-based touchpanel control system with the power to handle the control needs of single display rooms, dual display rooms, divisible rooms, multi-image systems, and video conference suites. Ready-to-use, customizable design templates simplify the creation of the TouchLink touchscreen user interface. The TLP 350MV TouchLink™ 3.5" Wall Mount Touchpanel provides the power of touchpanel control in the same three-gang form factor common for keypad controllers.

Extron® Electronics
INTERFACING, SWITCHING AND CONTROL

DESCRIPTION

The Extron **TLP 350MV** TouchLink™ 3.5" Wall Mount Touchpanel is ideal for applications that require a small installation footprint. Designed to mount securely into a wall, lectern, or other flat surface, the TLP 350MV provides the power of touchpanel control in the same three-gang form factor common for keypad controllers. Eight customizable backlit buttons provide expanded control capabilities to ensure that critical functions are easily accessible. The TLP 350MV touchpanel enables integrators to deploy a fully configurable, small-format, surface-mounted touchscreen control interface with a sophisticated, high tech appearance.

The available Global Configurator and GUI Configurator software with ready-to-use templates, makes setup of the TLP 350MV fast and easy, with no programming required. An integrated Ethernet port provides communication with IP Link®-enabled control processors for controlling and monitoring A/V equipment such as projectors, displays, switchers, and source devices over a standard Ethernet network.

SPECIFICATIONS

DISPLAY

Screen type	Active matrix TFT color display
Size	3.5" (8.9 cm), measured diagonally
Resolution	320x240
Aspect ratio	Standard
Color depth	18 bit, 256k colors
Transparency	8 bit alpha channel
Brightness	225 nits (cd/m^2)
Contrast	80:1
Backlight	LED
Viewing angle	±50° horizontal, +50° vertical
Touch screen	Resistive membrane

MEMORY

SDRAM	16 MB for graphics processing 8 MB for system use
Flash	7 MB for project storage 1 MB for system use

CONTROL — ETHERNET INTERFACE

Ethernet control/ communications port	1 female RJ-45 connector
Ethernet data rate	10/100Base-T, half/full duplex with autodetect
Ethernet protocol	ICMP, IP, TCP (control), UDP, DHCP, Telnet
Default settings	Link speed and duplex level: autodetected IP address = 192.168.254.254 Subnet mask = 255.255.0.0 Default gateway = 0.0.0.0 DHCP = off
Program control	Extron Global Configurator 3.0.4 or higher GUI Configurator (1.1.1 or higher) for Windows® Extron Simple Instruction Set™ (SIS™) Microsoft® Internet Explorer® ver. 6 or higher, Telnet

CONTROL— TOUCH PANEL

Motion sensor	On/off
Light sensor	On/off
External buttons	8 backlit, customizable

VIDEO INPUT — PREVIEW INPUT

Number/signal type	1 S-video or composite video
Connectors	2 female BNC
Nominal levels	1 Vp-p for Y of S-video and for composite video 0.3 Vp-p for C of S-video
Impedance	75 ohms
Standards	NTSC, PAL

AUDIO OUTPUT

Speaker output	1 mono, 89 dB SPL, 0.1 watt, 0.1 m, half space
Frequency response	900 Hz to 6 kHz, ±5 dB
Playback format(s)	WAV files: 8 bit PCM, mono, 8 kHz sampling

GENERAL

Power	Supplied by an included power over Ethernet (PoE) adapter or an optional external 12 VDC, 1 A power supply
Power input requirements	+12 VDC, 0.75 A
Power over Ethernet (PoE) requirements	802.3af, class 2
Temperature/humidity	Storage: -13 to +158 ˚F (-25 to +70 ˚C) / 10% to 90%, noncondensing Operating: +32 to +122 ˚F (0 to +50 ˚C) / 10% to 90%, noncondensing
Cooling	Convection, no vents

Mounting

Furniture or wall mount	With included hardware or optional standard 3-gang electrical box
Enclosure type	Plastic

Enclosure dimensions

Faceplate	4.5" H x 6.4" W x 0.7" D (11.4 cm H x 16.3 cm W x 1.8 cm D)
Enclosure	Excluding knob and mounting flange: 2.7" H x 5.4" W x 1.2" D* (2.9 cm H x 13.8 cm W x 3.5 cm D*) *In-wall depth with connectors: 1.75" (4.4 cm) (Allow at least 2.75" [7.0 cm] depth in the wall/furniture.) Mounts within a standard US 3-gang wall box.

Product weight	1.0 lb (0.4 kg)
Shipping weight	3 lbs (2 kg)

Regulatory compliance

Safety	CE, c-UL, UL
EMI/EMC	CE, C-tick, FCC Class A, ICES, VCCI
Environmental	Complies with the applicable requirements of RoHS and WEEE.
MTBF	30,000 hours
Warranty	3 years parts and labor; touchscreen display and overlay components are covered for 1 year

NOTE: All nominal levels are at ±10%.
NOTE: Specifications are subject to change without notice.

Model	Version Description	Part number
TLP 350MV	3.5" Touchpanel- Wall Mount - Black	60-1077-02
TLP 350MV	3.5" Touchpanel- Wall Mount - White	60-1077-03

Specifications are subject to change without notice.

05-2010
68-1874-01
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