

TLP 700MV

TOUCHLINK™ 7" WALL MOUNT TOUCHPANEL



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 videoconference suites. Ready-to-use, customizable design templates simplify the creation of the TouchLink touchscreen user interface. The Extron TLP 700MV TouchLink™ 7" Wall Mount Touchpanel is designed to mount securely into a wall, lectern, or other flat surface.

- Easy control system setup using included Global Configurator software - no programming required
- GUI Configurator software for template-based touchscreen layout design
- 7" widescreen high resolution touchscreen
- Ten field-labelable backlit buttons for expanded control
- User-friendly volume knob for simple and intuitive volume control
- Full motion video for use as a preview, confidence monitor, or security camera monitor
- Integrated Ethernet port compatible with Extron IP Link-enabled control processors
- 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
- Mounts into a wall, lectern, or any flat surface
- UL/CL listed and CE compliant
- External universal power supply included



Extron® Electronics
INTERFACING, SWITCHING AND CONTROL

DESCRIPTION

The Extron TLP 700MV TouchLink™ 7" Wall Mount Touchpanel is designed to mount securely into a wall, lectern, or other flat surface. In addition to the seven-inch, full-color high resolution touchscreen, the ten field-labelable backlit buttons provide expanded control capabilities to ensure that critical functions are easily accessible. The TLP 700MV touchpanel enables integrators to deploy a fully configurable surface-mounted touchscreen control interface with a sophisticated, high tech appearance.

The available GUI Configurator and Global Configurator software is used to set up the TLP 700MV with ready-to-use templates for a single projector room, dual display room, divisible room, multi-image system, and videoconference suites. An integrated Ethernet port provides communication with Extron 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	7" (17.8 cm), measured diagonally
Resolution	800x480
Aspect ratio	Widescreen
Color depth	18 bit, 256k colors
Transparency	8 bit alpha channel
Brightness	400 nits (cd/m ²)
Contrast	300:1
Backlight	High bright LED
Viewing angle	±70° horizontal, +50°/-70° vertical
Touchscreen	Resistive membrane
MEMORY	
SDRAM	128 MB for graphics processing 8 MB for system use
Flash	32 MB for project storage 16 MB for system use
CONTROL — ETHERNET INTERFACE	
Ethernet control/communications port	1 RJ-45 female 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 or higher GUI Configurator 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	10 backlit, dual color (white, blue), field labelable
VIDEO 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, 86 dB SPL, 0.1 watt, 0.1 m, half space
Playback format(s)	WAV files: 8 bit PCM, mono, 8 kHz sampling
GENERAL	
External power supply	100 VAC to 240 VAC, 50-60 Hz, external; to 12 VDC, 1 A, regulated
Power input requirements	+12 VDC, 0.75 A

Temperature/humidity	Storage: -40 to +158 °F (-40 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		
Rack mount	With optional kit	
Furniture or wall mount	With included hardware	
Enclosure type	Plastic	
Enclosure dimensions		
Faceplate	7.1" H x 10.5" W x 0.6" D (18.0 cm H x 26.8 cm W x 1.4 cm D)	
Enclosure	Including knob, excluding mounting flange: 6.3" H x 9.4" W x 2.8" D* (16.0 cm H x 23.8 cm W x 7.2 cm D*) *In-wall depth, excluding knob: 2.25" (5.7 cm) (Allow at least 2.75" [7.0 cm] depth in the wall/ furniture.)	
Product weight	3.8 lbs (1.7 kg)	
Shipping weight	7 lbs (3 kg)	
Vibration	ISTA 1A in carton (International Safe Transit Association)	
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 700MV	7" TouchLink Panel - Wall Mount - Black	60-546-02
TLP 700MV	7" TouchLink Panel - Wall Mount - White	60-546-03
Optional Accessories		
BB 700M	Conduit Box for TLP 700MV	70-690-01
EWB 700	TLP 700MV Mounting Box	60-1100-0X
RM 700M	Rack Mount Panel for TLP 700MV	70-683-01
TLM 700M	Bezel Kit for TLP 700MV	70-723-0X

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