

# TLP 700TV

TOUCHLINK™ 7" TABLETOP TOUCHPANEL



The Extron TLP 700TV TouchLink 7" Tabletop Touchpanel is designed for tabletop use with up to 45° of tilt or VESA mounting. 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 700TV touchpanel enables integrators to deploy a fully configurable tabletop touchscreen control interface with a sophisticated, high tech appearance.

- 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
- Weighted base allows up to 45° of tilt
- Sits on a tabletop or on a VESA standard mount with optional adapter
- GUI Configurator software for template-based touchscreen layout design
- Easy control system setup using included Global Configurator software - no programming required
- UL/CL listed and CE compliant
- External universal power supply included



**Extron® Electronics**  
INTERFACING, SWITCHING AND CONTROL

# DESCRIPTION

The Extron **TLP 700TV** TouchLink 7" Tabletop Touchpanel is designed for tabletop use with up to 45° of tilt or VESA mounting. 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 700TV touchpanel enables integrators to deploy a fully configurable tabletop touchscreen control interface with a sophisticated, high tech appearance.

The available GUI Configurator and Global Configurator software is used to set up the TLP 700TV with ready-to-use templates for a single projector room, dual display room, divisible room, multi-image system, or video conference suites. 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 .....	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 <sup>2</sup> )
Contrast .....	300:1
Backlight .....	High bright LED
Viewing angle .....	±70° horizontal, +50°/-70° vertical
Touch screen .....	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 .....	With base attached: 1 female RJ-45 connector Without base: 1 RJ-45 male connector on a pigtail
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 SCREEN	
Motion sensor .....	On/off
Light sensor .....	On/off
External buttons .....	10 backlit, dual color (white, blue), field labelable
VIDEO INPUT — see S-video or composite video MTP transmitters' specifications	
Number/signal type .....	1 S-video or composite video
Connectors .....	With base attached: 1 female RJ-45 connector Without base: 2 male BNC connectors on pigtailed
Standards .....	NTSC, PAL
AUDIO INPUT — see S-video or composite video MTP transmitters' specifications	
<b>NOTE:</b> Audio input is available only from an Extron MTP transmitter through the RJ-45 connector in the unit's base. If the base is removed from the TLP 700TV, connections are via BNC connectors, and there is no audio input.	
Number/signal type .....	1 stereo, balanced/unbalanced, line level, as part of a set of proprietary signals from an Extron MTP
Connector .....	1 female RJ-45 (shared with video input)

AUDIO OUTPUT		
Speaker output .....	1 mono, 80 dB SPL, 0.1 watt, 0.1 m, half space	
Frequency response .....	500 Hz to 16 kHz, ±5 dB	
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, vents on top rear	
Mounting .....	Furniture or wall mount..... Set on tabletop or mount to optional VESA D 75 mm panel mount kit	
Adjustment ranges .....	Tilts through a 45° range	
Enclosure type .....	Plastic	
Enclosure dimensions .....	7.7" H x 9.4" W x 8.2" D (19.6 cm H x 23.9 cm W x 20.7 cm D) (Includes base. Total height and depth depends on screen tilt. See the following diagrams.)	
Product weight .....	2.3 lbs (1.0 kg)	
Shipping weight .....	5 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	
<b>Model</b>	<b>Version Description</b>	<b>Part number</b>
TLP 700TV	7" TouchLink Panel - Table Top .....	60-548-02
<b>Optional Accessories</b>		
VM 700T	VESA Mount Adapter for the TLP 700TV .....	70-692-01

Specifications are subject to change without notice.



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