

# TLP 700TV

TOUCHLINK™ 7" TABLETOP 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 700TV TouchLink 7" Tabletop Touchpanel is designed for tabletop use with up to 45° of tilt or VESA mounting.

- 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
- Weighted base allows up to 45° of tilt
- Sits on a tabletop or on a VESA standard mount with optional adapter
- 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 videoconference 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
Dot/pixel pitch	134 dpi
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	
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 pigtails
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	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	
<b>NOTE:</b> All nominal levels are at ±10%.		
<b>NOTE:</b> Specifications are subject to change without notice.		
Model	Version Description	Part number
TLP 700TV	7" TouchLink Panel - Tabletop	60-548-02
Optional Accessories		
VM 700T	VESA Mount Adapter for the TLP 700TV	70-692-01
LPVM-1	Low Profile VESA Mount, black	60-1099-02
TLM 700T	Bezel Kit for TLP 700TV - Black	70-724-02

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