

# TLP 710CV

## CABLE CUBBY TOUCHLINK™ TOUCHPANEL

Elegant Flip-Up Touchpanel with  
Flexible AV Connectivity

- ▶ Flip-up 7" touchpanel
- ▶ Offers AV system control with the convenience of an Extron Cable Cubby enclosure
- ▶ Cable Cubby design provides easy access to AV, data, and power connections
- ▶ AC power modules available for US, Europe, and other major world markets
- ▶ **AV connectivity options:**
  - Holds up to 11 single-space AAP-Architectural Adapter Plates
  - Holds up to 6 AV and data cable retractor assemblies



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

# Introduction

The Extron **TLP 710CV** is a fully configurable, 7" Cable Cubby TouchLink Touchpanel with a contemporary thin bezel design that combines AV system control with the convenience of an Extron Cable Cubby® enclosure. It features a tilt-up, full-color, high-resolution touchscreen in an elegant, metal enclosure that can be mounted securely into a tabletop, lectern, or other flat surface.

The TLP 710CV combines AV system control with cable management and easy access to AV connectivity, data, and power. It offers several key features that streamline integration and enhance the user experience. An integrated MTP twisted pair receiver accepts S-video or composite video and audio input signals over a single CAT 5-type cable. Power over Ethernet - PoE allows the touchpanel to receive power and control over an additional CAT 5-type cable, eliminating the need for a local power supply.

The TLP 710CV works in conjunction with any Extron IP Link® control processor and is designed for use in AV system applications that require complete, interactive control of conferencing systems, displays, switchers, and source devices. GUI Configurator software makes configuration of the touchpanel easy, without the need for any third-party design software.

## Configurable Control system

TouchLink Touchpanels are the AV industry's first fully configuration-based touchpanels with the power to handle the control needs of single display rooms, dual display rooms, divisible rooms, multi-image systems, and video conference suites. TouchLink Touchpanel-based control systems are made up of a TouchLink Touchpanel, an IP Link control processor, and free, user-friendly configuration software.

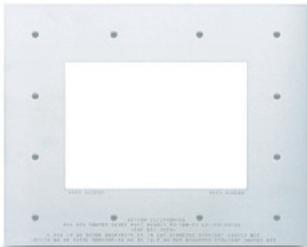
Extron GUI Configurator, touchpanel design software, and Global Configurator, control system configuration software, enable TouchLink Touchpanels to be deployed quickly and cost-effectively. Both software suites combine powerful features with drag-and-drop simplicity. Additionally, TouchLink Touchpanels integrate seamlessly with the award-winning Extron GlobalViewer® Enterprise and Free GlobalViewer® software for complete AV resource monitoring, management, and control over a computer network.

## TouchLink Themes

Extron has developed a series of pre-configured design themes to help streamline and accelerate the TouchLink user interface development process. Each design theme is a complete collection of graphical elements used to create a cohesive-looking user interface. TouchLink themes can be downloaded for free from the Extron Web site. Please visit [www.extron.com/guiresources](http://www.extron.com/guiresources) for more information.



# Accessories



## TLP 710CV Routing Template

Installation Guide for Proper Alignment and Hole Sizing

- Reusable routing template
- Designed for ensuring proper alignment and hole sizing
- Aluminum construction provides rigidity and durability

## TouchLink Cable Cubby® AAP Bracket Kit

One Space AAP Mounting Brackets for Cable Cubby TouchLink Touchpanels

- One-space brackets hold one single-space AAP – Architectural Adapter Plate
- Kit includes front and back brackets and mounting screws
- Available in black

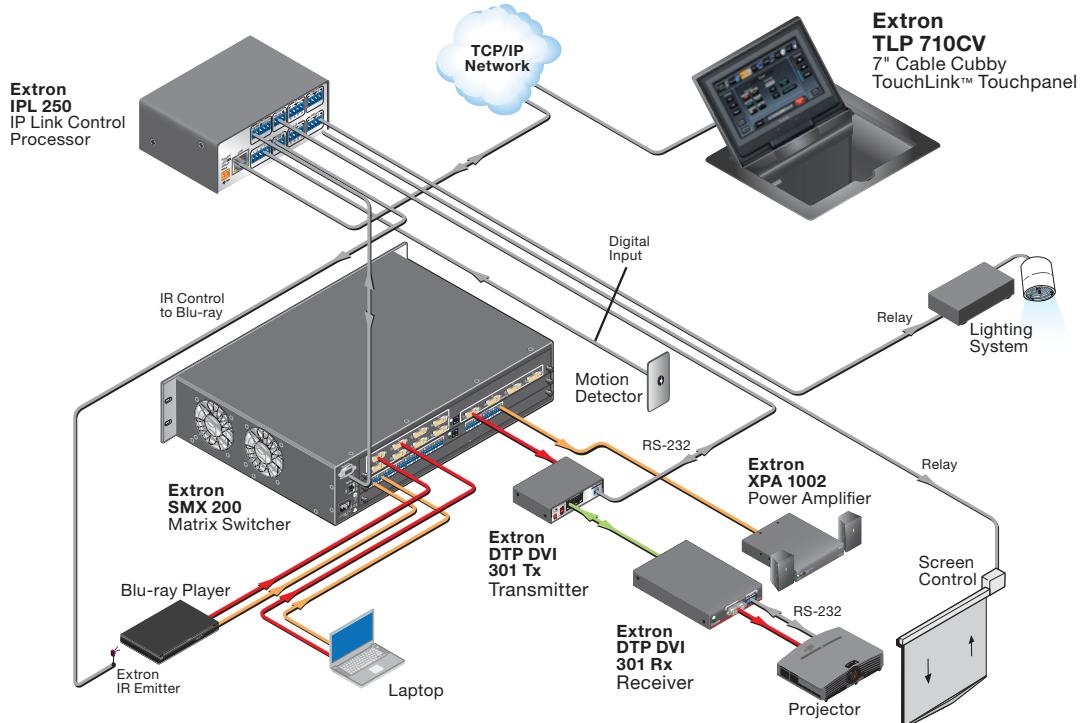
## Flexible Conduit Adapter Kit

Installation Kit for Hard Wired Electrical Environments

- Enables selected Extron products to be hard wired by an electrician
- Conforms with UL 2043 heat and smoke release for plenum-rated environments
- Includes hardware, 6' of 1/2 inch flexible conduit, and 7' of unterminated, three-wire cable

Model	Version Description	Part Number	Model	Version Description	Part Number	Model	Version Description	Part Number
TLP 710CV	Routing Template	70-980-01	Cable Cubby	AAP Brackets	70-693-01	Flexible Conduit	Adapter Kit	70-230-01

## APPLICATION DIAGRAM



# Accessories

## CUSTOMIZE YOUR TLP 710CV

Three models of the TLP 710CV are available, and each can be customized to suit the needs of your application and environment. There are several convenient AV connectivity and power module options available, with room for up to 11 single-space AAP – Architectural Adapter Plates, and up to six AV and data cable retractor assemblies. Power modules are available for US, Europe, and other major world markets.

### AAPs

Extron has hundreds of AAP – Architectural Adapter Plates, making it easy to fully customize the TLP 710CV to meet the connectivity needs of each installation. Popular AAPs include USB, DisplayPort, DVI, and HDMI; VGA and audio pass-through plates; and voice, data, and control pass-through plates.



RJ-45 AAP  
PN: 70-491-11



VGA / Audio AAP  
PN: 70-101-73



HDMI AAP  
PN: 70-616-12

### Retractors

The Extron Retractor is a unique, patent-pending cable retraction and management system designed to work with new or previously installed Cable Cubby® enclosures. The Retractor provides discreet, convenient access to AV cables, improving the management of cables within the Cable Cubby. The Retractor is available in versions to support most AV and data signal types including VGA, Network, PC Audio, USB, DVI, or HDMI. The cables extend up to three feet (90 cm) and are held securely in place at the desired length.



Retractor DVI  
PN: 70-678-06



Retractor HDMI  
PN: 70-678-04



Retractor VGA  
PN: 70-678-01



Retractor Network  
PN: 70-678-03

### Power Module Options

Extron Cable Cubby® Power Modules are double- or triple-space AAP-sized power modules. They feature one or two unswitched AC power outlets and are designed to work with the TLP 710CV and the TLP 350CV and Cable Cubby 300C, 300S, 600, and 800 Enclosures. Cable Cubby Power Modules are UL/c-UL listed and CE compliant when installed in a Cable Cubby enclosure.



US  
PN: 70-261-01



Central Europe  
PN: 70-264-01



Universal  
PN: 70-657-01



UK  
PN: 70-266-01



France  
PN: 70-389-01



Italy  
PN: 70-738-01



Australia  
PN: 70-265-01

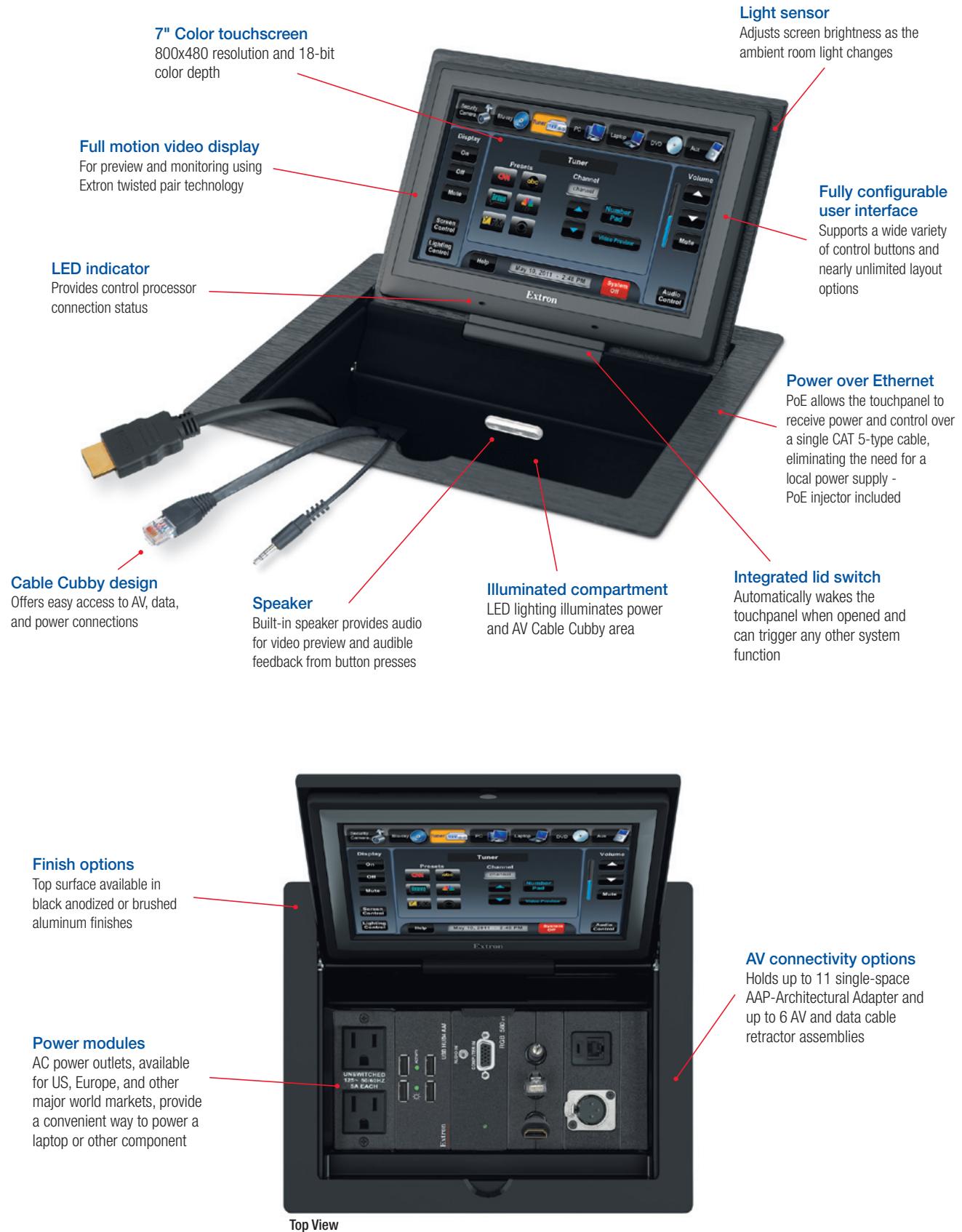


Swiss  
PN: 70-262-01

# TouchLink Touchpanel

## TLP 710CV

7" Cable Cubby TouchLink Touchpanel



# 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			
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 data rate	10/100Base-T, half/full duplex with autodetect			
VIDEO INPUT				
See S-video or composite video MTP transmitters or TLP VIM specifications				
Number/signal type	1 S-video or composite video, as part of a set of proprietary signals			
AUDIO INPUT				
See S-video or composite video MTP transmitters or TLP VIM specifications				
Number/signal type	1 stereo, balanced/unbalanced, line level, as part of a set of proprietary signals			
AUDIO OUTPUT				
Speaker output	1 mono, 86 dB SPL, 0.1 watt, 0.1 m, half space			
GENERAL				
Power supply	External: Input: 100-240 VAC, 50-60 Hz Output: PoE 802.3af compliant, 48 VDC, 0.35 A, 16.8 watts			
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			
Mounting	Furniture mount With included hardware			
Enclosure dimensions	Top plate (outer rim) 9.55" W x 7.75" D (24.26 cm W x 19.69 cm D)			
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.			
Warranty	3 years parts and labor; touchpanel display and overlay components are covered for 1 year			
Model	Version Description	Part number		
TLP 710CV	Two US AC - Black Anodized	60-1175-020A		
TLP 710CV	No AC - Black Anodized	60-1175-0200		
TLP 710CV	No AC - Brushed Aluminum	60-1175-0210		

For complete specifications, please go to [www.extron.com](http://www.extron.com)  
Specifications are subject to change without notice.

## Architectural Connectivity Solutions

Extron offers a selection of Architectural Connectivity accessories to enhance the TLP 710CV. With our easy-to-use and interactive online Connectivity Configurator, you can design the Cable Cubby enclosure to fit your client's exact needs.

Extron has hundreds of AAP – Architectural Adapter Plates, making it easy to fully customize the unit to meet the connectivity needs of each installation. Popular AAPs include USB, DisplayPort, DVI, and HDMI; VGA and audio pass-through plates; and voice, data, and control pass-through plates.

The Extron Connectivity Configurator is an interactive, drag-and-drop, online tool for designing and customizing architectural connector installations. This tool presents an up to the minute list of every Extron AAP – Architectural Adapter Plate currently available. Users can easily sort through the hundreds of connector options and simply drag and drop their selections into place. The resulting configuration can be printed for inclusion in customer presentations and documentation.



## Worldwide Sales Offices

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