Nine TouchLink® models available in a variety of sizes, including 3.5", 7", and 10" touchpanels
Mounting options include wall, lectern, tabletop, VESA, and furniture
Complete full-color, ready-to-use templates and themes for creating touchpanel layouts quickly and easily
GUI Configurator design tool for modifying standard templates or creating your own layout design
TouchLink, IP Link®, and MediaLink® integrate seamlessly using Extron GlobalViewer and GlobalViewer Enterprise software for AV resource management and remote control
Extron 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.

**Benefits of Configurable Control Systems**

When it comes to implementing the system control portion of an AV project, there are two distinct choices available: configuration or traditional programming. Extron MediaLink®, IP Link®, and TouchLink are all designed from the bottom-up to be fully configurable. For many applications, configurable systems offer significant benefits for consultants, integrators, and end users.

**Configurable control systems save time**

The Extron configuration approach simplifies the development of powerful control systems. With our extensive library of Extron Certified device drivers, a comprehensive suite of software applications for design and management, and a wide variety of templates and themes from which to choose, system designers are able to streamline deployment of advanced, touchpanel-based control systems.

**Configurable control systems are easy to modify**

System devices, such as projectors, displays, and DVD players, have finite life spans, after which they are replaced. Extron configurable control systems enable AV technicians, with recommended training, to use Global Configurator to modify their system configuration. Swapping out a component in an Extron control system usually involves little more than updating a device driver. With Extron configurable control systems, getting locked out of your own system is never a possibility. Project files are always extractable from every system.

**Configurable control systems are cost-effective to own and operate**

The total cost of system ownership is dictated by the initial cost plus the maintenance cost over the life of the system. With Extron configurable control systems, initial deployment costs are easy to control. However, as an AV system ages, updates to the AV technology and displays are inevitable and require corresponding modifications to the control system.

The Extron configuration approach continues to make this process much simpler, faster, and cheaper. Every time a post-installation change is made, the owner of an Extron configurable control system saves money compared to the owner of a traditional programmed system. There is no software code to create or maintain, only automatically generated configuration files. The latest version of configuration files are stored in the controller and can be retrieved by anyone who has experience using the configuration software.

**The Extron Advantage**

Extron has been delivering fully configurable control systems for more than a decade. Our MediaLink® controllers have led the AV market in being easy to configure, yet flexible and powerful enough to meet the needs of most typical AV system applications. The development of larger touchpanels, enhanced IP Link control processors, iPad apps, Global Configurator Professional, and, other new products are in place to define the next generation of Extron configurable control systems.
While the implementation of a touchpanel control system has historically been considered difficult, time consuming, and costly, Extron TouchLink-based control systems simplify the process and offer both extensive flexibility and powerful control features.

**Designed for configurability**

The Extron configurable control system concept started with a few main objectives and expanded to encompass the many growing requirements of typical audio visual installations. Configurable control products available from Extron are designed to make the most common configuration tasks easy to accomplish in as few steps as possible. This provides integrators with solutions for a wide range of applications while still dramatically reducing development and deployment time.

**Thousands of Extron Certified device drivers**

At the core of our configurable solution is a large and extensive library of pre-developed, tested, and documented device drivers. Extron maintains thousands of serial, IR, and Ethernet drivers for devices from dozens of manufacturers. Extron Certified drivers have been fully tested to ensure compatibility. The Extron standardized approach to device driver creation simplifies device replacement, saving both time and costs.

**Configuration Software**

Creating a complete touchpanel control system has never been easier. Our simple-to-use, yet comprehensive software programs lead users through the process of creating a graphical user interface and configuring control of AV devices. Two free, downloadable programs, GUI Configurator and Global Configurator, provide a flexible and user-friendly configuration process, resulting in a TouchLink touchpanel-based control system that fits in any AV system environment.

**GUI Configurator**

GUI Configurator is an intuitive design tool that makes creating and maintaining TouchLink touchpanel user interfaces easy, even for those without graphic design skills. The software includes ready-to-use templates for popular AV system applications, or you can start from scratch for a fully customized layout. Multiple themes are available to further tailor the appearance of the user interface.

**Global Configurator**

Anyone familiar with configuring MediaLink devices using Extron Global Configurator software will be comfortable configuring IP Link control processors and TouchLink touchpanels. Global Configurator was developed as a single unified software platform for all configurable controllers in the Extron product line.
**TouchLink Touchpanels**

**TLP 1000TV**

10" Tabletop TouchLink Touchpanel

**Configurable Light Bar**
Can show user-defined notifications such as room/call progress and privacy

**Light sensor**
Adjusts screen brightness as the ambient room light changes

**Full-motion video display**
For preview and monitoring using Extron twisted pair technology

**Fully configurable user interface**
Supports a wide variety of control buttons and nearly unlimited layout options

**10" high resolution color touchscreen**
1024 x 600 resolution and 18-bit color depth

**Kensington Lock Support**
Kensington® Lock support provides a convenient method for securing the touchpanel

**On-screen menus**
Simplify touchpanel setup

**Speakers**
Built-in speakers provide audio for video preview and audible feedback from button presses

**Flexible mounting**
Base supports up to 45 degrees of tilt

**Motion sensor**
Detects movement nearby for hands-free activation of the touchscreen

**Power over Ethernet**
Allows the touchpanel to receive power and control over a single CAT 5-type cable, eliminating the need for a local power supply - PoE injector included

**VESA mounting**
Supports 75 mm x 75 mm VESA pattern

**LED indicator**
Provides control processor connection status

**Video Preview**

**Video Input**
TouchLink touchpanels feature video inputs that accept a standard resolution video signal from any source device, such as a Blu-ray player, VCR, security camera, or upstream switcher. The size and location of the video window is fully configurable using GUI Configurator software.

- The TLP 350CV and TLP 700MV accept either S-video or composite video on female BNC connectors.
- The TLP 700TV, TLP 710 Series, and TLP 1000 Series include an Extron MTP Twisted Pair Receiver and accept S-video or composite video signals from any MTP Series Transmitter on female RJ-45 connectors. When the base is removed for VESA mounting, the TLP 700TV accepts either S-video or composite video on female BNC connectors.
TLP 710CV

7” Cable Cubby TouchLink Touchpanel

- **Light sensor**: Adjusts screen brightness as the ambient room light changes.
- **Fully configurable user interface**: Supports a wide variety of control buttons and nearly unlimited layout options.
- **7” Color touchscreen**: 800x480 resolution and 18-bit color depth.
- **Light sensor**: Adjusts screen brightness as the ambient room light changes.
- **Finish options**: Top surface available in black anodized or brushed aluminum finishes.
- **Power modules**: AC power outlets, available for US, Europe, and other major world markets, provide a convenient way to power a laptop or other component.
- **Full motion video display**: For preview and monitoring using Extron twisted pair technology.
- **Cable Cubby design**: Offers easy access to AV, data, and power connections.
- **Speaker**: Built-in speaker provides audio for video preview and audible feedback from button presses.
- **Illuminated compartment**: LED lighting illuminates power and AV Cable Cubby area.
- **Integrated lid switch**: Automatically wakes the touchpanel when opened and can trigger any other system function.
- **LED indicator**: Provides control processor connection status.
- **Power over Ethernet**: PoE allows the touchpanel to receive power and control over a single CAT 5-type cable, eliminating the need for a local power supply - PoE injector included.
Extron TouchLink touchpanels offer extensive flexibility and powerful control features while also simplifying the implementation of touchpanel-based systems. TouchLink touchpanel-based control systems are made up of a TouchLink touchpanel, an IP Link control processor, and free, user-friendly configuration software. Nine full-featured TouchLink touchpanel models offer an array of mounting options and sizes with an attractive user interface suitable for any room.

### TLP 1000TV
10" Tabletop TouchLink® Touchpanel
- 10" color touchscreen with 1024x600 resolution and 18-bit color depth
- Full-Motion Video display supports preview and monitoring applications
- Compatible with all IP Link control processors
- Power over Ethernet allows the touchpanel to receive power and control over a single CAT 5-type cable, eliminating the need for a local power supply - PoE injector included
- Light sensor adjusts screen brightness as the ambient room lighting changes
- Sits on a tabletop or installs on a VESA mount

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</thead>
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<td>TLP 1000TV</td>
<td>Tabletop</td>
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</table>

### TLP 1000MV
10" Wall Mount TouchLink® Touchpanel
- 10" color touchscreen with 1024x600 resolution and 18-bit color depth
- Full-Motion Video display supports preview and monitoring applications
- Compatible with all IP Link control processors
- Power over Ethernet allows the touchpanel to receive power and control over a single CAT 5-type cable, eliminating the need for a local power supply - PoE injector included
- Light sensor adjusts screen brightness as the ambient room lighting changes
- Mounts on a wall, lectern, or any flat surface

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<td>TLP 1000MV</td>
<td>White - Wall Mount</td>
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</tbody>
</table>

### TLP 710TV
7" Tabletop TouchLink® Touchpanel
- 7" color touchscreen with 800x480 resolution and 18-bit color depth
- Full-Motion video display supports preview and monitoring applications
- Compatible with all IP Link control processors
- Power over Ethernet allows the touchpanel to receive power and control over a single CAT 5-type cable, eliminating the need for a local power supply - PoE injector included
- Built-in speaker provides audio for the full-motion video preview and audible feedback from button presses
- Light sensor adjusts screen brightness as the ambient room lighting changes
- Sits on a tabletop or installs on a VESA mount

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### TLP 710MV
7" Wall Mount TouchLink® Touchpanel
- 7" color touchscreen with 800x480 resolution and 18-bit color depth
- Full-Motion video display supports preview and monitoring applications
- Integrated Ethernet port compatible with IP Link control processors
- Power over Ethernet allows the touchpanel to receive power and control over a single CAT 5-type cable, eliminating the need for a local power supply - PoE injector included
- Built-in speaker provides audio for the full-motion video preview and audible feedback from button presses
- Light sensor adjusts screen brightness as the ambient room lighting changes
- Mounts on a wall, lectern, or any flat surface

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<td>TLP 710MV</td>
<td>White - Wall Mount</td>
<td>60-1209-03</td>
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</tbody>
</table>
## TouchLink Touchpanels

### TLP 710CV
7” Cable Cubby® TouchLink® Touchpanel
- 7” color touchscreen with 800x480 resolution and 18-bit color depth
- Full motion video display for preview and monitoring using Extron twisted pair technology
- Power over Ethernet allows the touchpanel to receive power and control over a single CAT 5-type cable, eliminating the need for a local power supply - PoE injector included
- Built-in speaker provides audio for video preview and audible feedback from button presses
- Light sensor adjusts screen brightness as the ambient room lighting changes
- Cable Cubby design offers easy access to AV, data, and power connections

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<td>TLP 710CV</td>
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</table>

### TLP 700 Series
7” TouchLink® Touchpanels
- 7” color touchscreen with 800x480 resolution and 18-bit color depth
- Ten field-labelable backlit buttons for expanded control
- User-friendly rotary knob for simple and intuitive volume control
- Full-Motion video display supports preview and monitoring applications
- Light sensor adjusts screen brightness as the ambient room lighting changes
- Built-in speaker provides audio for video preview and audible feedback from button presses
- VESA-compatible tabletop and wall mount versions available

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<tr>
<td>TLP 700TV</td>
<td>Black - Tabletop</td>
<td>60-548-02</td>
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### TLP 350CV
3.5” Cable Cubby® TouchLink® Touchpanel
- 3.5” color touchscreen with 320x240 resolution and 18-bit color depth
- Ten customizable backlit buttons
- Full-Motion video display supports preview and monitoring applications
- Convenient LED lighting illuminates power and AV Cable Cubby area
- Light sensor adjusts screen brightness as the ambient room lighting changes
- Accommodates up to nine single-space AAP - Architectural Adapter Plates

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<tbody>
<tr>
<td>TLP 350CV</td>
<td>Multiple models available - please enquire</td>
<td>60-1017-02XX</td>
</tr>
</tbody>
</table>

### TLP 350MV
3.5” Wall Mount TouchLink® Touchpanel
- 3.5” color touchscreen with 320x240 resolution and 18-bit color depth
- Eight customizable backlit buttons and a user-friendly volume knob
- User-friendly volume knob for simple and intuitive volume control
- Full-Motion video display supports preview and monitoring applications
- Supports Power over Ethernet, PoE 802.3af, power injector included
- Built-in speaker provides audio for video preview and audible feedback from button presses
- Light sensor adjusts screen brightness as the ambient room lighting changes
- Three-gang mounting on a wall, lectern, or any flat surface

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<th>Part Number</th>
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<tr>
<td>TLP 350MV</td>
<td>White - Wall Mount</td>
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The Extron IPCP 505 is an IP Link® control processor designed to support larger configurable control systems. The IPCP 505 integrates Ethernet connectivity into AV systems, giving users the ability to remotely control, monitor, and troubleshoot AV equipment, including display devices and switches. With a high performance embedded Web server, multiple bidirectional serial ports, relays, flex I/O ports, and an Ethernet port, as well as four independently switched 12 VDC outputs, this control processor is ideal for applications that require control for multiple devices within a large-scale AV system. Bidirectional ports provide simultaneous two-way control and monitoring of serially controlled devices such as displays, switches, and other AV equipment.

The Extron IPCP 505 is configured using the free, easy-to-use Global Configurator software. Using Free GlobalViewer® Web-based AV resource management and remote control application, users can manage, monitor, and control both Extron equipment and third-party equipment such as projectors, displays, computer monitors, Blu-ray and DVD players.

**IPCP 505 KEY FEATURES**

- **Ethernet monitoring and control** – Powerful and flexible communications technology for managing, monitoring, and controlling AV devices using a standard Ethernet network

- **Supports multiple TouchLink touchpanels** – Manage control from multiple touchpanels for larger or more complex systems such as divisible rooms

- **Eight bidirectional RS-232 ports** – For universal control of display devices, switchers, and other AV equipment

- **Eight IR/Serial ports** – For one-way control of external devices

- **Eight relays for controlling room functions** – Enables control of room functions such as lighting, screen settings, and other device functions

- **Four Flex I/O ports** – For convenient interfacing with other systems in the room

- **Four independently switched 12 VDC outputs** – Reduces the number of required desktop power supplies and provides remote monitoring and control of power usage

- **Integrated IR Learner** – Captures IR remote codes from a device’s handheld remote control

- **Integrated high performance Web server** – Each IP Link control processor features a built-in Web server with memory available for storing device drivers, GlobalViewer, and custom user Web pages

- **Supports industry standard communications protocols**
IP Link control processors and interfaces are used in conjunction with a configurable TouchLink touchpanel. These devices provide a vital means of AV system control, including serial ports, IR ports, relays, contact closure inputs, Flex I/O ports, switched DC, and Ethernet ports for interfacing with displays, switchers, sources, screen controls, lighting systems, and other devices. IP Link products are configured using Extron’s free, Global Configurator software. Using the Free GlobalViewer or GlobalViewer Enterprise Web-based AV resource management and remote control application, users can manage, monitor, and control both Extron and third-party equipment like projectors, displays, monitors, media players, disc players, and other devices on an Ethernet network. Currently, all control processors support up to six Ethernet-controllable devices.

### IP Link Control Processors

#### IPCP 505
- **IP Link® Control Processor**
  - Six bidirectional RS-232 serial ports
  - Two bidirectional RS-232/422/485 serial ports
  - Supports up to eight Ethernet-enabled AV devices
  - Eight one-way IR/Serial ports
  - Eight relays
  - Four Flex I/O ports

#### IPCP 305
- **IP Link® Control Processor**
  - Two bidirectional RS-232 ports
  - One bidirectional RS-232/422/485 serial port
  - Supports up to eight Ethernet-enabled AV devices
  - Two IR/Serial ports
  - Four relays
  - Four Digital I/O ports

#### IPL 250
- **IP Link® Control Processor**
  - Two bidirectional RS-232 ports
  - One bidirectional RS-232/422/485 serial port
  - Supports up to six Ethernet-enabled AV devices
  - Four IR ports
  - Four relays
  - Four contact inputs, TTL only

### IP Link Ethernet Control Interface

#### IPL T SFI244
- **Two Serial, Four Flex I/O, and Four IR Port IP Link® Control Processor with IR Learner**
  - Two bidirectional RS-232 serial ports
  - Supports up to six Ethernet-enabled AV devices
  - Four IR ports
  - Four Flex I/O ports
  - Serial port pass-through

#### IPL T S6
- **Six Serial Port IP Link® Control Processor**
  - Four bidirectional RS-232 serial ports
  - Two bidirectional RS-232/422/485 serial ports
  - Supports up to six Ethernet-enabled AV devices

#### IPL T S4
- **Four Serial Port IP Link® Control Processor**
  - Four bidirectional RS-232/422/485 serial ports
  - Supports up to six Ethernet-enabled AV devices

#### IPL T S2
- **Two Serial Port IP Link® Control Processor**
  - Two bidirectional RS-232/422/485 serial ports
  - Supports up to six Ethernet-enabled AV devices

#### IPL T S1
- **One Serial Port IP Link® Control Processor**
  - One bidirectional RS-232 serial port
  - Supports up to six Ethernet-enabled AV devices

#### IPL T CR48
- **Four Contact Input and Eight Relay Port IP Link® Ethernet Control Interface**
  - Eight normally open relays, 24 VDC, 1A
  - Four contact inputs, TTL only
  - Supports up to six Ethernet-enabled AV devices
GUI Configurator Software

Online Training is available at www.extron.com/touchlink

Start with a ready-to-use template
Extron GUI Configurator is an intuitive design tool that makes creating and maintaining TouchLink touchpanel user interfaces easy, even for those without graphic design skills. Getting started is fast and simple with ready-to-use, customizable design templates, or start from scratch and build your own layout. The templates are designed to be complete touchpanel projects with no modifications required. Each standard template is carefully matched to the most common AV applications that installers and integrators are likely to encounter, while being fully customizable to suit a particular installation. In many cases, all the input sources, display control, and environmental settings are already in place. If any modification is required, GUI Configurator software’s user-friendly, drag-and-drop interface makes adding or removing a source or other element a snap.

Start from scratch and design your own layout
While starting with one of the predesigned templates eliminates many of the time-consuming aspects of layout creation, users may also choose to start from scratch. A wide array of design options enables users to develop a touchscreen layout to meet almost any system requirements.

Upload finished designs to the TouchLink touchpanel
Once the touchscreen layout design is complete, the process for uploading the design files to a TouchLink touchpanel is simple. GUI Configurator connects to one or more TouchLink touchpanels over the network for uploading the layout project data. In addition, project data can be saved to disk for future use.

USER INTERFACE DESIGN SOFTWARE FOR TOUCHLINK® TOUCHPANELS

Intuitive Drag-and-Drop Interface
Familiar, easy-to-use menus and toolbars

Workspace Window
Quick point-and-click access to multiple projects and individual project pages

Properties Window
Provides quick view and edit of object properties

Resource Libraries
Borders, 3D effects, shapes, graphics, sounds, and more

Controls Window
For adding basic buttons, level indicators, date/time displays, video windows, and more

Designer Window
Displays layout of main page and popup pages

No Graphic Design Software Required
Ready-to-use templates provide full-color, professional quality touchscreen layouts

GUI Configurator Software
Extron’s Graphical User Interface Design Resources Web page hosts a variety of resources and tools to help you create interface designs that balance function, style, and ease-of-use. Here you will find GUI reference guides, FAQs, and best practices, plus links to GUI design themes, configurable control training and certification, software downloads, special services, and more. Visit the page at www.extron.com/guiresources.

Training:
Certification Levels
The Extron Technical Institute offers certification levels tailored for individuals who install, configure, operate, and troubleshoot AV control systems. Choose the training and certification path that best suits your needs and get started today.

Training Courses
Extron offers online and instructor-led training for our Configurable Control Systems. Choose the training that best suits your needs and get started today.

Services:
TouchLink GUI Modification and Customization
Extron offers two levels of customization services for all TouchLink touchpanels: Template customization and a completely unique touchscreen layout designed from scratch.

Web GUI Customization
In addition to customizing the TouchLink touchpanel user interface, Extron offers Web-based control interface customization.

Software:
GUI Configurator
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The Extron Guide to Graphical User Interface Design contains three main chapters:

Layout Principles:
Teaches the theories of consistency, navigation, screen layout, affordance, and color selection. A solid understanding of these theoretical building blocks is essential for touchpanel designers.

Design Fundamentals:
Teaches the designer how to apply the layout principles when creating different aspects of user interfaces, such as pages, buttons, text, fonts, and images.

Layout Standards
Shows the Extron standards for design consistency. The theory behind this chapter is to create a baseline for consistent layouts to be used when designing interfaces for environmental controls and other common AV devices.

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Shows the Extron standards for design consistency. The theory behind this chapter is to create a baseline for consistent layouts to be used when designing interfaces for environmental controls and other common AV devices.

Extron Insiders can download their copy of this Guide from www.extron.com/guiresources.
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. Below are some examples of the themes Extron has available. To view all available themes please visit our GUI resources page www.extron.com/guiresources.

**Templates**
A template is a ready-to-use file imported into Extron’s GUI Configurator software that allows one to quickly develop a TouchLink Graphical User Interface project. When starting a project the developer is first given the choice of what theme they would like to use followed by the desired application for the system. The developer then has the option to use the templates “as-is” or modify them to create new pages. Elements and icons in the resource kits are also included as part of the template package. Several templates are available for download from the Extron Web site.

**Resource Kits**
A Resource Kit is a complete themed collection of graphic elements and sound files that a graphical user interface developer can download from the Extron Web site. It provides the developer with everything needed to make a consistent and cohesive user interface based on one of the Extron design themes. The graphical elements include: Backgrounds, Headers, Side Bars, Footers, and Button Graphics in both their on and off states. Audio files that can be used for feedback are also included. Each resource kit also includes a substantial library of universal TV icons, as well as common AV icons that match the selected theme.
Easily Add Rooms
Room Manager and settings allow you to add rooms, and enable/disable advanced options.

Easily Switch Between Rooms
Simply tap the screen to change control to another room.

Button Tracking
Allows the app and touchpanel to stay in sync.

Full Screen Mode
Displays a larger image of the touchpanel GUI.

User Interface
Familiar user interface looks just like a TouchLink touchpanel installed in a room.

Apple iPad Compatible
Works with all iPad models, and is available for download on the App Store.

TouchLink For iPad
iPad Control App for TouchLink Touchpanels
Extron’s TouchLink® for iPad is an easy-to-use AV control system app designed for the Apple iPad that provides users with an additional point of control for rooms equipped with any TouchLink touchpanel. The app is compatible with projects created using Global Configurator 3.5. With this app, presenters can wirelessly control their AV system using a Wi-Fi network, allowing them the freedom to move around the room, or even between rooms. Each button press is tracked in real time between the app and the touchpanel, so that both stay in sync. TouchLink for iPad requires no additional GUI configuration, as it emulates the interface of the existing touchpanel. TouchLink for iPad is available now for download on the App Store.

TouchLink For iPad Key Features
• Provides an additional point of control for TouchLink touchpanels
• Familiar user interface duplicates the installed TouchLink touchpanel GUI
• Room Manager allows users to easily add touchpanels and customize room lists
• Quickly switch between rooms with a single tap on the screen
• Button tracking allows iPad and touchpanel to stay in sync
• Provides real-time status and remote control of multiple rooms for troubleshooting and management
• Wireless control using a Wi-Fi network allows users to move freely around a room and between rooms
GlobalViewer Enterprise 2.0

GlobalViewer Enterprise 2.0 server-based software takes enterprise-wide scheduling, monitoring, and help-desk functionality to a new level. Building on an already powerful feature set, this latest version provides a host of new and enhanced features that streamline and simplify many common AV tasks. Microsoft® .NET® technology allows GlobalViewer Enterprise to integrate with third-party facility scheduling software for viewing room availability and managing meeting schedules. GlobalViewer Enterprise 2.0 requires configurations created in Extron Global Configurator 3.5 or later.

GlobalViewer Enterprise Features

- Fully-configurable – Step-by-step menus guide the user through the set up and configuration process.
- Comprehensive set of customizable device usage, trend analysis, and inventory reports – Backed up by 24/7 time-stamped AV system data.
- Enterprise-wide room control for TouchLink, IP Link, MediaLink, PoleVault, and WallVault systems – The Help Desk view provides point-and-click access to every Ethernet-enabled control device on the network.
- Support for third-party control system integration – Able to work with rooms controlled by third-party controllers.
- iGVE app support – Allows on-the-go access to GlobalViewer Enterprise from your iPhone or iPod Touch.
- Seamless integration with third-party facility scheduling software – Interacts with Microsoft Outlook and CollegeNET R25 for room scheduling and availability data.

New Features for Version 2.0

- Rapid Import Manager – Reduces set up by allowing users to import up to five configurations at once.
- At-a-glance import status with progress bars and new icons – Convenient indicators provide visibility to project import status.
- Mouse-over tool tips for system menu – Functions are clearly defined by simply placing your mouse pointer on top of the icons.
- Enhanced Event Alert List is always visible or accessible in Help Desk and Monitor views – Auto-hiding sidebars within the Help Desk save time by not having to switch views.
- Added drag and drop functionality for rooms within Tree Manager – Allows users to easily move rooms within the tree.
- Ability to rename location folders within Tree Manager – Easily rename a folder instead of having to update and reimport the Global Configurator project.
- Ability to create and rename notes within Tree Manager – Provides a convenient method for technicians to log notes for global viewing.
- Expanded Help Desk views with more customization options – Allows users more flexibility to customize their Help Desk view.
- Global Configurator project repository – Conveniently archive up to five Global Configurator projects for easy access to older project files while troubleshooting.
- Room control terminal combines multiple tools in one view – Streamline management of individual rooms by combining several tools into one, easily-accessible view.
- Room calendar and schedules now under one view – Easily create schedules while viewing the Calendar in the same screen.
- Requires projects created in Global Configurator 3.5 or later.

Please visit the GlobalViewer Enterprise 2.0 product page on www.extron.com for a full list of features.
**TLM 100T**  
Secure Mounting Enclosure for iPad  
- Securely mounts a 2nd, 3rd, or 4th generation iPad to a tabletop or other flat surface  
- Ideal for iPads running Extron control apps, such as TouchLink for iPad and MediaLink for iPad  
- Discreet cable management system  
- All fasteners and security tools included  
- Kensington lock support  
- Compatible with Extron SMA-1 Swivel Mount Adapter and LPVM-1 Low Profile VESA Mount

**TLM 100A**  
Bezel for TLM 100T  
- Buttonless bezel that replaces the standard TLM 100T bezel  
- Covers the iPad home button and front facing camera  
- Deters users from switching apps or the screen each time the iPad is powered on  
- Color-keyed to match the TLM 100T

**SMB 303**  
Surface Mount Box  
- Compatible with Extron three-gang products that are less than 1.5” deep, including the TLP 350MV, and SCPs  
- Suitable for external mounting on lecterns, tabletops, and other flat surfaces  
- Sculpted design offers a contemporary appearance to complement any environment  
- Friction pads stabilize the unit while in use and protect table finish  
- Mounting holes for permanent attachment to table  
- Supports the optional SMA-1 Swivel Mount Adapter

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**Model** | **Version Description** | **Part Number**
--- | --- | ---
TLM 100T | Secure Tabletop iPad Mount | 70-1022-02

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**Model** | **Version Description** | **Part Number**
--- | --- | ---
TLM 100A | Buttonless Bezel for TLM 100T | 70-1022-12

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**Model** | **Version Description** | **Part Number**
--- | --- | ---
SMB 303 | Three-gang, Black | 60-1098-02

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**Model** | **Version Description** | **Part Number**
--- | --- | ---
SMB 303 | Three-gang, White | 60-1098-03

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**EWB 700, 710, and 1000**  
External Wall Boxes for Wall Mount TouchLink Touchpanels  
- Architectural solution for mounting 7” or 10” Wall Mount TouchLink touchpanels to a wall  
- Ideal for use on solid walls, including concrete, brick, or wood where in-wall mounting of a touchpanel is not possible  
- Knockouts for external raceway cable channels  
- Available in black or white

**BB 700M, 710M, and 1000M**  
Back Boxes for Wall Mount TouchLink Touchpanels  
- Designed for use with 7” or 10” Wall Mount TouchLink touchpanels  
- Recess-mounted steel enclosure for retrofit and pre-construction applications  
- Standard knockouts provided for fixed or flexible conduit

**TLM 700**  
Bezel Kits for 7” TouchLink Touchpanels  
- Designed for customizing the look and functionality of the 7” TouchLink® touchpanels  
- Each kit contains four bezels: Volume knob with buttons, volume knob with no buttons, buttons with no volume knob, and no buttons or volume knob  
- Textured plastic matches original bezel

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**Model** | **Version Description** | **Part Number**
--- | --- | ---
EWB 700 | TLP 700MV Mounting Box, Black | 60-1100-02

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**Model** | **Version Description** | **Part Number**
--- | --- | ---
BB 700M | Back Box for TLP 700MV | 70-690-01

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**Model** | **Version Description** | **Part Number**
--- | --- | ---
BB 1000M | Back Box for TLP 1000MV | 70-867-01

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**Model** | **Version Description** | **Part Number**
--- | --- | ---
TLM 700 M | Bezel Kit for TLP 700MV - Black | 70-723-02

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**Model** | **Version Description** | **Part Number**
--- | --- | ---
TLM 700 M | Bezel Kit for TLP 700MV - White | 70-723-03

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**Model** | **Version Description** | **Part Number**
--- | --- | ---
TLM 700 T | Bezel Kit for TLP 700TV - Black | 70-724-02
Retractor
Cable Retraction System for Cable Cubby® Enclosures
- Patent-pending cable retraction system maintains signal integrity
- Compatible with most Cable Cubby enclosures
- Accept up to 3 Retractor modules on each side of the enclosure, 6 total
- Cables extend up to three feet (90 cm)
- Holds cable securely in place at a user-defined length
- Simple push-button release retracts cable into Cable Cubby enclosure after use

Model | Version Description | Part Number
--- | --- | ---
Retractor VGA | VGA Male to Male | 70-678-01
Retractor PC Audio | 3.5 mm Stereo Audio M to M | 70-678-02
Retractor Network | Network Cat 5e | 70-678-03
Retractor HDMI | HDMI Male to Male | 70-678-04
Retractor USB | USB A to USB A | 70-678-05
Retractor DVI | Male to Male | 70-678-06
Bracket Kit | Horizontal mounting applications | 70-678-003

Cable Cubby Power Modules
Unswitched AC Power Modules for Use with Select Cable Cubby and TLP Touchlink® Cable Cubby Enclosures
- Compatible with TLP 350CV 3.5" and TLP 710CV 7" Cable Cubby® Touchlink® Touchpanels
- One or two unswitched AC power outlets
- AC power outlets available for US, Europe, and other major world markets
- Italy model also accepts 2-pin Europlug and Schuko-type AC plugs
- US model includes an attached 9.5' power cord

Model | Version Description | Part Number
--- | --- | ---
Power Module | US Outlets | 70-261-01
Power Module | Europe Outlet | 70-264-01
Power Module | France Outlet | 70-389-01
Power Module | Italy Outlet | 70-738-01
Power Module | Universal Outlet | 70-657-01
Power Module | Australia Outlet | 70-265-01
Power Module | UK Outlet | 70-266-01
Power Module | Switzerland Outlet | 70-262-01

RM 700M, 710M, and 1000M
Rack Mount Kits for 7" and 10" TouchLink Touchpanels
- Allows secure mounting of the touchpanel in an equipment rack
- 5U, full rack width
- Available in black

Model | Version Description | Part Number
--- | --- | ---
RM 700M | Rack Mount Kit for TLP 700M | 70-683-01
RM 710M | Rack Mount Kit for TLP 710M | 70-970-01
RM 1000M | Rack Mount Kit for TLP 1000M | 70-986-01

SMA-1
Swivel Mount Adapter
- Provides swivel capability for the SMB 303
- Multiple stopping points allow the user to determine the amount of rotation
- Provides access to multiple users from a single location
- Elevates the SMB 303 to prevent surface wear and damage

Model | Version Description | Part Number
--- | --- | ---
SMA-1 | Swivel Mount Adapter | 70-747-01

LPVM-1
Low Profile VESA Mount
- Wall or other flat surface mounting solution for Extron VESA compatible products
- Supports VESA B and VESA D mounting patterns
- Security screws provided to ensure theft deterrence and loss prevention
- Available in black

Model | Version Description | Part Number
--- | --- | ---
LPVM-1 | Low Profile VESA Mount, Black | 60-1099-02

TLP VIM
TouchLink® Video Input Module
- Convenient, single-cable solution provides video and audio transmission over one CAT 5-type cable
- Accepts composite or S-video signal inputs
- Accept balanced and unbalanced mono audio
- Front panel LED power input status

Model | Version Description | Part Number
--- | --- | ---
TLP VIM | Video Input Module | 60-1168-01
Why Extron Certification?
The AV Industry is very competitive. Education, training, and certification are important to the success of both individuals and companies. At Extron, certification represents a personal level of achievement. When you become Extron Certified, you are confirmed as being trained and educated on specific, measurable topics that are relevant to our industry. Extron certification programs are intended to validate your skills and your proficiency in the latest AV technology and solutions.

How Do I Earn Extron Certification?
Extron certification is earned through successful completion of a series of online or instructor-led training courses. Classroom instruction is conducted at Extron’s world-class training facilities in Anaheim, California and Raleigh, North Carolina, as well as other locations throughout the United States.

Follow these simple steps to get started:
1. Visit the Extron Training Web Site http://www.extron.com/training
   The Web site contains valuable information and instructions, including complete certification descriptions, prerequisites, and course outlines.

2. Contact an Extron Customer Support Representative.
   When you are ready, contact an Extron Customer Support representative at 800.633.9876 to get signed up.

3. Complete the Necessary Coursework and Exam
   Online courses can be started any time and you’ll have 90 days to complete them. The training calendar will help you find instructor-led courses and certification exams in your local area.

A new training and certification path is now available through Extron. The Extron Control Specialist - ECS training will focus on raising the skill levels of AV industry programmers and ECA certified individuals by providing education on Graphic User Interface design principles, enterprise management through Extron’s Global Viewer Enterprise software, and system configuration utilizing GC Pro and GUI Configurator software.

ECS certification is designed to recognize individuals who successfully deploy and support advanced control systems. It is built on Extron’s popular AV Associate and Control Associate certifications, which include intensive training on AV technologies, products, software, and applications.

EXTRON CONFIGURABLE CONTROL TRAINING AND CERTIFICATION PATH

- AV Associate - AVA
  - Video Fundamentals
  - Audio Fundamentals
  - Control and Networking Fundamentals
  - Extron Products and Tools

- Extron Control Associate - ECA
  - Control Systems Best Practices
  - Global Configurator for MediaLink®
  - GUI Configurator using TouchLink® Templates
  - Global Configurator for TouchLink

- Extron Control Specialist - ECS
  - Advanced Control System Concepts
  - User Interface Best Practices
  - GUI Configurator Layouts from Scratch
  - Configuration of GlobalViewer® Enterprise
  - Global Configurator Professional Software

NEW COURSE:
Extron Control Specialist

Note: For ECS Certification, students must demonstrate experience and competency in configuring and programming advanced control systems.

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