Extron
PROGRAMMABLE CONTROL SYSTEMS
2018 PRODUCT GUIDE
Bringing the Power of Python Programming to the AV Industry

Global Scripter®  python™  ControlScript®

Extron Programming with Global Scripter

Global Scripter is Extron’s Integrated Development Environment for Pro Series control systems that harnesses the dynamic power and intuitive nature of the Python programming language. Python is an efficient, object oriented language that enables programmers to reuse code and save valuable development time. Programmers will immediately see the benefits of the Global Scripter environment and of Python, with its clearly-understood syntax and extensible framework.

Extron ControlScript — The Python Library for AV Professionals

To help accelerate the learning and development processes, Extron has created a custom Python library called ControlScript. ControlScript uses familiar AV terms that make it easier to program AV control system projects. When combined with Extron Pro Series control hardware, Global Scripter and ControlScript are poised to revolutionize the way you deliver programmable control systems.
Global Scripter – A Feature-Rich Integrated Development Environment
Global Scripter provides all the tools needed for developing control system programming, such as file management, code editing, as well as debugging and diagnostic tools. The IDE also includes the ControlScript library, as well as helpful documentation, reference material, and sample code. Using a single software environment, programmers can develop, debug, deploy, and maintain programs with ease. All resources are packaged into one file and format, greatly simplifying project transport and management.

ControlScript – An Optimized, Object-Oriented Python Library
ControlScript is an object-oriented API – Application Programming Interface optimized for rapid data manipulation. ControlScript speeds programming by enabling large datasets to be retrieved from multiple devices and parsed effectively and efficiently. Programmers can reuse portions of code, incorporate readily-available modules, as well as define objects once in the program and then simply reference them moving forward. The ControlScript API accelerates development efforts so that programmers can spend a little less time waiting and a lot more time creating.

Pro Series Control Platform using Python
Our Pro Series Control Systems have been running Python under the hood since they were introduced. In addition to programming software, our Pro Series platform includes configuration software, AV system management software, touchpanels, button panel and conferencing interfaces, control processors, and a broad range of other tools and technologies geared to handle the evolving complexities of today’s AV system designs.

Automate AV Systems and Building Management Functions
Programmers can use Global Scripter and Extron IP Link® Pro control processors to support the latest BMS - Building Management System protocols, including BACnet, KNX, and DALI. Modern BMS allow for centralized monitoring and control of mechanical and electrical systems that include HVAC, lighting, power, and closed-circuit camera control.
Over 20 years ago, Extron pioneered a unique approach to setting up an AV control system using simple, standard control commands and configurable hardware. The popularity of our user-friendly, configuration approach grew as platforms and system designs evolved. Recently, we took our control systems to the next level by introducing more powerful hardware and software and creating advanced configuration with our Pro Series platform. But we had no intention of stopping there.

The next stage was to provide customers a programming option for creating robust, sophisticated, and elegant control systems. Whether it is the convenience of configuration with the industry’s most powerful configuration-based control system solution, or the unbridled freedom of Extron Control System Programming, you’ll be confident that you have the right solution for any AV application.

“When I arrive on a job site to commission a system, there is nothing that brings me and my team more comfort than seeing Extron products throughout. SIS has always been the most straightforward way to control any Extron product. When GC Pro came out, I loved it immediately. Now I’m programming systems with Global Scripter and am thrilled! One word, Extron - Brilliant!”

Available Resources

**Global Scripter Modules**
Global Scripter modules are time-saving, reusable program files that include all the commands necessary for integrating a device into a Pro Series control system. Modules are developed and tested to provide a consistent, standardized coding approach that makes programming more straightforward and troubleshooting more efficient. To request a custom device module not available on our website, please contact your Extron Customer Support Representative.

**Easy-to-Follow Video Tutorials**
A library of online video tutorials is available to help you learn more about the latest features in Extron control system software, including Global Scripter. These videos also highlight steps and helpful tips to accomplish common tasks with ease, and successfully set up your control system.

**Publications**
Extron publications are essential resources for designing and deploying professional AV systems. The Control Systems Design Guide offers an in-depth look at the best methodologies for AV control system design, with a focus on designing functional, highly effective, and intuitive control systems. Additionally, a series of white papers and articles help you further develop expertise to develop successful control systems.

**Extron Programming Forum**
To further support the growing community of programmers, Extron has an online forum where peers can learn and share insights about using Python, Extron Global Scripter, and ControlScript. Extron moderators support discussions in the forum, answering questions and offering recommendations to ensure the success of this thriving control system programming community.
Python – The Choice is Clear

Popular Language

Python is a well-established, object oriented programming language that delivers power and flexibility. It is easily readable, editable, and greatly enhances programmer productivity. The popularity of Python and its continuing growth is well-documented and is fueled by numerous programming resources, including a wide variety of online courses and tutorials.

Significant Advantages

- **Open Source**
  - Python is a modern, open source programming language. Active online communities extend Python's capabilities by continually creating additional libraries, modules, and projects. All of these speed up development and lower costs.

- **Performance and Scalability**
  - Python is an interpreted language that offers a quicker workflow from editing code to testing a program. Ultra-fast data parsing and real-time event modification speed up and simplify programming tasks.

- **Increased Productivity**
  - Compared to other programming languages, Python has a shallow learning curve. This helps get programmers up and running quickly. Programmers can write flexible programs without volumes of support code, providing quicker turnaround and code verification.

- **Extensible Programming Architecture**
  - Using Extron ControlScript and Python, programmers can extend the capabilities of a system by adding or customizing modules to fit the specific needs of the project. This adaptability makes the language well-suited for the broadest variety of applications.

- **Human-Readable Syntax**
  - The design philosophies of Python emphasize code readability and simplicity. Its unique code structure is uncluttered by punctuation, features an efficient and concise lexicon, and uses white space to enhance readability.

- **Program Performance and Scalability**
  - Python helps you create programs for any size application. Our Pro Series Control Systems have been running Python under the hood all along. Now with ControlScript – the Python Library for AV Professionals you can develop programs that maintain efficiency and performance for systems of any scale.
Modern Programming Architecture

Programmers in our industry have long been forced to use proprietary software. These development environments, even when framed by open source languages, suffer from obsolescence and stagnation due to being part of an intrinsically-closed ecosystem. This is why Extron chose an open system, built on Python. We wanted to provide programmers a resilient, ever-improving platform that inspires creative design, provides easy implementation, and allows long-term AV system viability. The open source nature of Python allows you to incorporate readily-available elements that speed up development and lower costs. Hundreds of lively, online communities are continually extending Python’s capabilities by creating additional libraries, modules, and projects.

Open Systems
- Easily incorporate code from any developer
- Have an abundance of programming resources
- Are easy to learn and use, with an expansive amount of online guides and tutorials
- Are built on a resilient platform that grows with your needs
- Promote more efficient workflows to develop, debug, and deploy programs
- Encourage programming creativity and knowledge transfer

Closed Systems
- Cannot use code from other environments
- Limit outside resources for users
- Have a steep learning curve
- Use outdated development environments
- Offer minimal troubleshooting options
- Rely on proprietary knowledge that doesn’t transfer to other systems

“I attended Extron’s EAP class last April and became an immediate fan of Global Scripter and Python. I love saving time by reusing code, all the online resources, the built-in tools - I wish I had this 20 years ago when I started! Also, I’m not locked into any platform. I can take what I learn about Python and apply it anywhere.”
SOFTWARE & APPS
Software applications to configure, manage, troubleshoot, and control AV systems. Convenient, mobile Apps place powerful AV control in the palm of your hand.

IP LINK PRO CONTROL PROCESSORS
Our IP Link® Pro control processors are faster, more secure, and more powerful than ever. Gigabit Ethernet and new network protocols allow fast and secure connections.

TOUCHLINK PRO TOUCHPANELS
TouchLink® Pro touchpanels are available in sleek designs from 3.5” to 17” and offer faster processing and more memory. Many feature vibrant, capacitive edge-to-edge glass touchscreens and high resolution video preview.

eBUS BUTTON PANELS
Customizable, integration-friendly AV system control interfaces designed for use with Extron IPCP Pro control processors.
GLOBAL SCRIPTER

GLOBAL SCRIPTER® IS EXTRON’S POWERFUL AND VERSATILE CONTROL SYSTEM PROGRAMMING SOFTWARE. THIS FEATURE-RICH INTEGRATED DEVELOPMENT ENVIRONMENT IS USED TO PROGRAM EXTRON PRO SERIES CONTROL SYSTEMS, AND UTILIZES THE EASY-TO-LEARN PYTHON SCRIPTING LANGUAGE. GLOBAL SCRIPTER INCLUDES AN EXTRON-EXCLUSIVE PYTHON LIBRARY - CONTROLSCRIPT®, THAT IS DESIGNED TO INCREASE THE PRODUCTIVITY OF AV PROGRAMMERS THROUGH INCORPORATING FUNCTIONS USED IN AV CONTROL SYSTEM PROJECTS, AS WELL AS HELPFUL DOCUMENTATION, REFERENCE MATERIAL, AND SAMPLE CODE. EXTRON BUILT GLOBAL SCRIPTER AND THE CONTROLSCRIPT PYTHON LIBRARIES WITH PROGRAMMERS IN MIND. WORKING TOGETHER, THESE COMPONENTS MAKE IT EASIER THAN EVER TO DEVELOP REFINED AND INNOVATIVE PROGRAMMABLE CONTROL SYSTEMS.

FEATURES

- DEVELOP AV CONTROL SYSTEM PROGRAMMING USING CLEAN AND EXTENSIBLE PYTHON 3.3
- DESIGNED TO BE USED EXCLUSIVELY WITH EXTRON PRO SERIES CONTROL SYSTEMS
- EXTRON CONTROLSCRIPT® LIBRARY USES COMMON AV INDUSTRY TERMS AND AUTOMATES POWERFUL CONTROL SYSTEM FUNCTIONS
- DEVELOP, DEBUG, AND DEPLOY FROM A SINGLE SOFTWARE ENVIRONMENT
- START AND EXECUTE PROJECTS QUICKLY USING EXTRON GLOBAL SCRIPTER® MODULES
- PACKAGE ALL RESOURCES INTO A SINGLE FILE AND FORMAT DESIGNED FOR EASY TRANSPORT AND MANAGEMENT
- CODE SNIPETS MAKE CODING EASIER AND FASTER
- SPEED UP LARGE SYSTEM DEPLOYMENT BY ASSOCIATING ONE USER INTERFACE LAYOUT FILE WITH MULTIPLE TOUCHLINK PRO TOUCHPANELS
- PASSWORD PROTECT YOUR PROGRAMMING PROJECT
- ACCESS CONTROLSCRIPT AND PYTHON HELP FILES FROM WITHIN GLOBAL SCRIPTER
- SUPPORTS SYSTEMS USING GLOBALVIEWER ENTERPRISE SERVER-BASED AV RESOURCE MANAGEMENT SOFTWARE
- CREATE CONTROLLER GROUPS
- SHARE GLOBAL SCRIPTER CODE ACROSS MULTIPLE PROJECTS
- VIRTUAL TOUCHLINK SUPPORT
- KEYBOARD SHORTCUTS
- ENHANCED USER INTERFACE

- ENHANCED BUTTON GROUPING
- PROGRAM EXTRON CONTROL SYSTEMS WITH THE LATEST BMS - BUILDING MANAGEMENT SYSTEM PROTOCOLS, INCLUDING BACNET, KNX, AND DALI
- MULTIPLE ACTION SCHEDULING
- EVENT REPORTING
- INTELLIGENT UPLOAD MANAGER
- ABILITY TO FLOAT CODE WINDOWS
- SPLIT THE CODE WINDOWS FOR BETTER PRODUCTIVITY
- SYNTAX COLOR HIGHLIGHTING
- CUSTOMIZABLE CODE EDITOR WINDOW
- SECURE COMMUNICATION WITH AV DEVICES USING SSH - SECURE SHELL CLIENT
- GUI LAYOUT WINDOW
- DEBUGGING TOOLS:
  - TRACE MESSAGES WINDOW FACILITATES TROUBLESHOOTING BY DISPLAYING MESSAGES FROM DEBUG STATEMENTS IN THE CODE
  - PROGRAM LOG LISTS ERRORS AND OTHER HELPFUL INFORMATION ABOUT THE PROGRAM WHILE IT IS RUNNING
  - CUSTOMIZE PROGRAM LOG MESSAGES
  - BREAKPOINTS
  - WATCH VARIABLES
- BOOKMARKS
- ANALOG VOLTAGE CHANGED EVENT ENABLES YOU TO RECEIVE NOTIFICATIONS OF VOLTAGE CHANGES
- MULTI-CLIENT ETHERNET SERVER ALLOWS SERVING MULTIPLE CLIENTS THROUGH A SINGLE ETHERNET PORT
- VIEW PROPERTIES FOR EXTRON DEVICES
- COMPOUND EVENT DECORATORS
PROGRAMMING SOFTWARE

ControlScript
Extron-Exclusive API

Extron designed the ControlScript™ API to increase the productivity of AV programmers. To help accelerate the learning process, Extron infused the Python library with familiar AV terms that make it easier to incorporate functions that are common to AV control system projects. The ControlScript Python library handles the heavy lifting of message queuing and interfacing with low-level firmware and processes. It also manages all of the files necessary for implementing control programs, such as user interface files, sound files, data files, and the code that ties it all together.

FEATURES
• Extron-exclusive Python library that increases the productivity of AV programmers
• Incorporates functions common to AV control system projects
• Handles message queuing and interfacing with low-level firmware and automation processes
• Manages all of the files necessary for implementing control programs
• Access ControlScript help file from within Global Scripter

Global Scripter Modules
Reusable Program Files

Extron Global Scripter™ modules are time-saving, reusable program files that include all the commands necessary for integrating a device and its functions into a Pro Series control system. Modules are developed and tested to provide a consistent, standardized coding approach that makes the overall program more straightforward, easier to implement, and faster to troubleshoot. Modules are created on a regular basis for a range of devices. To request a module for a specific device, please contact your Extron Customer Support Representative.

FEATURES
• Time-saving, reusable program files developed by Extron
• Include all necessary commands appropriate for integrating a device into a Pro Series control system
• Provide a consistent standardized coding approach that is easily readable
• Simplify the control program creation process
• Easy to troubleshoot
• Extron support, including the programmer support hotline as well as other valuable resources

Toolbelt
Management and Troubleshooting Utility for Pro Series Control Products

The Extron Toolbelt utility is a powerful stand-alone Windows application created for the management and troubleshooting of Pro Series control systems. This utility allows users to easily perform several different tasks such as; change device network settings, add an email server, upload firmware, view trace messages, remotely reboot Pro Series control products, and much more from a single application. Devices on the network can be automatically discovered or manually added if desired. Toolbelt also provides users with memory usage, device run time, author of the current project, and software version used.

FEATURES
• Manage and troubleshoot Extron Pro Series control products
• Use Auto Discovery to find control products located on the same subnet as Toolbelt or manually add routable control products using the Add button
• View and change network settings, Mail server information, and user permissions
• Trace window allows users to view control system messages passed between connected devices for troubleshooting
• Upload LinkLicense to IPCP Pro Series control processors
• Remotely reboot IP Link Pro control processors and MediaLink Plus controllers

Available for download at www.extron.com

For updated product availability, go to www.extron.com
**GlobalViewer Enterprise**

Server-Based AV Resource Management Software

GlobalViewer® Enterprise - GVE software simplifies AV system resource management with intuitive control for hundreds of common AV tasks. Whether you're working with 5 or 5000 rooms, GVE provides a powerful, flexible way to manage, monitor, and control nearly any device over a standard network. Support teams will appreciate the agility and flexibility GVE provides to access usage data, create reports, and control the system from any computer on the network. The Help Desk view offers a look at the entire enterprise in a single window and access to detailed room data and control with just a click of a mouse.

**FEATURES**
- Easily manages all of the AV devices and meeting rooms across the campus and enterprise
- Track and analyze device and room usage, proactively plan maintenance activities, and maintain inventory lists using customizable reports
- Custom reporting tools
- Extron GlobalViewer Enterprise Commissioning with every installation ensures a trouble-free system installation and optimal performance
- Enhanced monitors and schedules based on location and device type
- Manage individual rooms using the room control terminal directly from the help desk
- RoomAware Technology
- Supports configured and programmed control systems
- Seamless integration with facility scheduling software
- Simplifies user and access management with support for Microsoft Active Directory, LDAP group authentication, and configurable user access
- Dynamic Event Alert List facilitates support tasks

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**iGVE**

Mobile AV Resource Management App

iGVE is a powerful, convenient App used in conjunction with Extron GVE - GlobalViewer Enterprise, that allows users to effectively manage and control large-scale AV installations from Apple® iPad, iPhone, and iPod touch devices. This easy-to-use mobile device application provides a powerful feature set comprised of all the most common GVE monitoring, control, and helpdesk functions. While using iGVE, users will feel immediately comfortable with the familiar GVE Tree navigation as well as the other common GVE features, including real time room, controller, and device status; and GVE Room controls and Event Alert notifications. Additionally, Extron iGVE provides a secure, encrypted connection to your GVE software, ensuring the safety and privacy of all communications. Download the latest version of iGVE from the App Store.

**FEATURES**
- Powerful, intuitive interface provides quick navigation to all common GVE control and monitoring functions from your mobile Apple device
- Allows on-the-go access to GlobalViewer Enterprise from your iPad, iPhone, or iPod touch
- Familiar GVE Tree navigation
- Real-time room, controller, and device status
- Room and device controls
- Event Alert notifications
- View and enable or disable schedules and monitors created in GVE
- Supported in iOS 7.0 or above

Download on the App Store

NOW AVAILABLE
**Extron Control**

Control App for TouchLink, eBUS, and MediaLink

Extron Control is an easy-to-use AV control system app that gives users complete access to Extron control systems directly from Apple iOS or Android devices. After a quick initial setup, your device connects to the desired room, allowing a seamless, highly-responsive control experience. Extron Control automatically loads the user interfaces present on any Extron control product without a lengthy setup and customization process. The familiar interfaces emulate the TouchLink touchpanel, eBUS button panel, or MediaLink controller in your room, and all button presses are kept in sync between the app and your Extron control devices. Extron Control is available for immediate download from the iTunes App Store and Google Play.

**FEATURES**

- Provides a convenient point of control for Extron control systems using your Apple iOS or Android devices
- Extron Control for iOS supports all TouchLink, TouchLink Pro touchpanels, eBUS button panels, and Ethernet-enabled MediaLink, MediaLink Plus controllers
- Extron Control for Android supports all TouchLink Pro touchpanels, eBUS button panels, and all MediaLink Plus controllers
- Familiar user interface provides the same experience as the touchpanel, button panel, or controller
- Supports Extron LinkLicense
- Room Manager allows users to easily add touchpanels, button panels, or controllers, and customize room lists
- Quickly switch between rooms with a single tap on the screen
- Button tracking allows portable device and Extron control device to stay in sync
- Provides real-time status and remote control of multiple rooms for troubleshooting and management
- Compatible with iOS VoiceOver feature that provides text to speech option for button labels and states
- Wireless control using a Wi-Fi network allows users to move freely around a room and between rooms

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**LinkLicense for User Interfaces**

Use Your Mobile Device or Computer as a Primary Control Interface

Extron LinkLicense® is a quick, cost-effective way to add even more powerful capabilities to Extron control systems. This upgrade provides an easy way for people to use their mobile devices or computers as primary control interfaces in an Extron Pro Series control system. When combined with an Extron IPCP Pro control processor and the Extron Control App, BYOD room control is easier than ever. The intuitive, custom-built interface allows full control of source devices, sound, lighting - anything you can control with a standard touchpanel, but with the convenience of using your own device.

**FEATURES**

- Cut costs by using a single license per system
- Operates seamlessly with the Extron Control App
- Simplify deployment of BYOD control designs
- No central management of licenses required
- Use in a system where a TouchLink Pro touchpanel may not be present

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**Model** | **Version Description** | **Part Number**
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LinkLicense | Pro Series User Interface Upgrade | 79-2546-01
Secure by Design

With networked AV systems, security has become as important of a consideration as performance and reliability. Extron has embraced these new security challenges with our Pro Series control processors. Our new class of high-performance, secure control processors enhance the capabilities of any control system and completes a control ecosystem that is secure by design.

The AV LAN Port – Isolated and Secure
We are pleased to introduce a new series of IP Link Pro control processors with dedicated AV LAN ports designed to isolate local AV devices and safeguard them against outside intrusion or interference. These control processors are available as standalone products, or integrated into other Extron products, such as our IN1608 xi Series of scaling presentation switchers and the DTP CrossPoint 4K IPCP Series of presentation matrix switchers. In addition to the AV LAN ports, these control processors feature advanced security standards and Gigabit Ethernet ports, designed to ensure compatibility with multiple TouchLink Pro touchpanels using a standard network infrastructure.

Configuration or Programming - Your Choice
IP Link Pro control processors can be configured using Global Configurator Plus or Global Configurator Professional software or programmed using Extron Global Scripter.
• AV LAN ports allow AV devices to be isolated from the corporate network
• Support secure industry standard communication protocols
• AV device management, monitoring, and control over standard Ethernet networks
• Support popular BMS - Building Management System protocols
• Configure with Extron Global Configurator Plus/Pro or program with Global Scripter software

Safeguarding the Integrity of Extron Products on the Network

Customers rely on secure products and solutions, and it is our goal to ensure that Extron products meet this expectation. We perform regular performance and compliance reviews for each product we manufacture. While different types of products may have different security goals, we incorporate all of the appropriate security principles throughout the development of Extron hardware and software to maintain the highest security standards and integrity.
The Extron IPCP Pro 555 is a versatile, high-performance control processor with a secure, dedicated AV LAN port. It features advanced security standards and dual Gigabit Ethernet ports, which ensure compatibility with multiple TouchLink Pro touchpanels using a standard network infrastructure. Of the two Ethernet ports, the AV LAN is designed to control local AV devices, and safeguard them from outside intrusion or interference. The IPCP Pro 555 can be used with Extron LinkLicense®, which further enhances the capabilities of Extron Pro Series control systems. The IPCP Pro 555 is an ideal choice for controlling multiple devices and control signal types within AV systems requiring an isolated AV network.
IPCP Pro 555
IP Link Pro Control Processor

The Extron IPCP Pro 555 is a versatile, high-performance control processor with a secure, dedicated AV LAN port. It features advanced security standards and dual Gigabit Ethernet ports, which ensure compatibility with multiple TouchLink® Pro touchpanels using a standard network infrastructure. Of the two Ethernet ports, the AV LAN is designed to control local AV devices, and safeguard them from outside intrusion or interference. The IPCP Pro 555 can be used with Extron LinkLicense®, which further enhances the capabilities of Extron Pro Series control systems. The IPCP Pro 555 is an ideal choice for controlling multiple devices and control signal types within AV systems requiring an isolated AV network.

FEATURES
• Supports TouchLink Pro touchpanels and eBUS® button panels
• AV LAN port allows AV devices to be isolated from the corporate network
• Supports secure industry standard communications protocols
• Supports LinkLicense
• Six bidirectional RS-232 serial ports with software handshaking
• Two bidirectional RS-232/RS-422/RS-485 serial ports with hardware and software handshaking
• Eight IR/Serial ports for one-way control of external devices
• Four Flex I/O ports
• Eight relays for controlling room functions
• Four independently switched 12 VDC outputs
• Ethernet monitoring and control on each Ethernet port
• Supports popular BMS – Building Management System protocols, such as BACnet, KNX, and DALI

Model | Version Description | Part Number
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IPCP Pro 555 | IP Link Pro Control Processor | 60-1434-01
IPCP Pro 555 | IP Link Pro Control Proc., LL UI Upgrade | 60-1434-01A

IPCP Pro 550
IP Link Pro Control Processor

The Extron IPCP Pro 550 is a versatile, high-performance control processor designed for centralized AV control in larger applications. As part of the IP Link® Pro Series, the IPCP Pro 550 features advanced security standards and Gigabit Ethernet, which ensures compatibility with multiple TouchLink® Pro touchpanels using a standard network infrastructure. It also supports Extron LinkLicense®, which further enhances the capabilities of Extron Pro Series control systems. The IPCP Pro 550 is an ideal choice for controlling multiple devices and control signal types within an AV system.

FEATURES
• Supports TouchLink® Pro touchpanels and eBUS® button panels
• Supports secure industry standard communications protocols
• Supports LinkLicense®
• Six bidirectional RS-232 serial ports with software handshaking
• Two bidirectional RS-232/RS-422/RS-485 serial ports with hardware and software handshaking
• Eight IR/Serial ports for one-way control of external devices
• Four Flex I/O ports
• Eight relays for controlling room functions
• eBUS port for connecting eBUS button panels and accessories
• Four independently switched 12 VDC outputs
• Ethernet monitoring and control
• Supports popular BMS – Building Management System protocols, such as BACnet, KNX, and DALI

Model | Version Description | Part Number
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IPCP Pro 550 | IP Link Pro Control Processor | 60-1418-01
IPCP Pro 550 | IP Link Pro Control Proc., LL UI Upgrade | 60-1418-01A
IP LINK PRO CONTROL PROCESSORS

IPCP Pro 360
IP Link Pro Control Processor

The Extron IPCP Pro 360 is a high-performance control processor with three dedicated AV LAN ports and one standard Ethernet port. The control processor can provide PoE+ to external devices; eliminating the need for additional power supplies. It features advanced security standards and Gigabit Ethernet ports, which ensure compatibility with multiple TouchLink® Pro touchpanels using a standard network infrastructure. The AV LAN ports are designed to control local AV devices, and safeguard them from outside intrusion or interference. The IPCP Pro 360 can be used with Extron LinkLicense®, which further enhances the capabilities of Extron Pro Series control systems. The IPCP Pro 360 is an ideal choice for controlling multiple devices and control signal types within AV systems requiring an isolated AV network.

**FEATURES**
- Supports TouchLink® Pro touchpanels and eBUS® button panels
- Three AV LAN ports allow AV devices to be isolated from the corporate network
- AV LAN ports provide PoE+ to external devices
- Supports secure industry standard communications protocols
- Supports LinkLicense®

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IPCP Pro 350
IP Link Pro Control Processor

The Extron IPCP Pro 350 is a versatile, high-performance control processor designed for centralized AV control in mid-sized applications. As part of the IP Link® Pro Series, the IPCP Pro 350 features advanced security standards and Gigabit Ethernet, which ensures compatibility with multiple TouchLink® Pro touchpanels using a standard network infrastructure. It also supports Extron LinkLicense®, which further enhances the capabilities of Extron Pro Series control systems. The IPCP Pro 350 is an ideal choice for controlling multiple devices and control signal types within an AV system.

**FEATURES**
- Supports TouchLink® Pro touchpanels and eBUS® button panels
- Supports secure industry standard communications protocols
- Supports LinkLicense®
- Two bidirectional RS-232 serial ports with software handshaking
- One bidirectional RS-232/RS-422/RS-485 serial port with hardware and software handshaking
- Two IR/Seral ports for one-way control of external devices
- Four Digital I/O ports
- Four relays for controlling room functions
- eBUS port for connecting eBUS button panels and accessories
- Ethernet monitoring and control
- Supports popular BMS – Building Management System protocols, such as BACnet, KNX, and DALI
- Integrated three port network switch

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IPCP Pro 350DR and IPCP Pro 355DR
DIN Rail-Mountable High-Performance Control Processors

The IPCP Pro 350DR and IPCP Pro 355DR are high-performance, DIN rail-mountable control processors designed for centralized AV control in mid-sized applications. Both control processors feature advanced security standards and Gigabit Ethernet, which ensures compatibility with multiple TouchLink Pro touchpanels using a standard network infrastructure. The IPCP Pro 355DR features a secure, dedicated AV LAN port designed to control local AV devices and safeguard them from outside intrusion. The IPCP Pro 350DR and IPCP Pro 355DR can be used with Extron LinkLicense, which further enhances the capabilities of Extron Pro Series control systems. Either processor would be an ideal choice for controlling multiple devices and signal types within AV systems while providing DIN rail mounting flexibility common in automation systems.

FEATURES
- Securely mount to an industry-standard DIN rail commonly used by third party automation equipment in racks and cabinets
- Support TouchLink® Pro touchpanels and eBUS® button panels
- Support secure industry standard communications protocols
- Support LinkLicense®
- The IPCP Pro 355DR features a secure AV LAN port for local control of AV devices
- Ethernet monitoring and control
- Support popular BMS - Building Management System protocols, such as BACnet, KNX, and DALI

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IPCP Pro 255
IP Link Pro Control Processor

The Extron IPCP Pro 255 is a compact, high-performance control processor with a secure, dedicated AV LAN port. It features advanced security standards and dual Gigabit Ethernet ports, which ensure compatibility with multiple TouchLink® Pro touchpanels using a standard network infrastructure. Of the two Ethernet ports, the AV LAN is designed to control local AV devices, and safeguard them from outside intrusion or interference. The IPCP Pro 255 can be used with Extron LinkLicense®, which further enhances the capabilities of Extron Pro Series control systems. The IPCP Pro 255 is an ideal choice for controlling multiple devices and control signal types within AV systems requiring an isolated AV network.

FEATURES
- Supports TouchLink® Pro touchpanels and eBUS® button panels
- AV LAN port allows AV devices to be isolated from the corporate network
- Supports secure industry standard communications protocols
- Supports LinkLicense®
- One bidirectional RS-232 serial port with software handshaking
- One bidirectional RS-232/RS-422/RS-485 serial port with hardware and software handshaking
- One IR/Serial port for one-way control of external devices
- Four Digital I/O ports
- Two relays for controlling room functions
- eBUS port for connecting eBUS button panels and accessories
- Automatic clock synchronization allows touchpanel to display the accurate time and date

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IPCP Pro 250
IP Link Pro Control Processor

The Extron IPCP Pro 250 is a versatile, high-performance control processor designed for centralized AV control in small to medium-size applications. As part of the IP Link® Pro Series, the IPCP Pro 250 features advanced security standards and Gigabit Ethernet, which ensures compatibility with multiple TouchLink® Pro touchpanels using a standard network infrastructure. It also supports Extron LinkLicense®, which further enhances the capabilities of Extron Pro Series control systems. The IPCP Pro 250 is an ideal choice for controlling multiple devices and control signal types within an AV system.

FEATURES

• Supports TouchLink® Pro touchpanels and eBUS® button panels
• Supports secure industry standard communications protocols
• Supports LinkLicense®
• One bidirectional RS-232 serial port with software handshaking
• One bidirectional RS-232/RS-422/RS-485 serial port with hardware and software handshaking
• One IR/Serail port for one-way control of external devices
• Four Digital I/O ports
• Two relays for controlling room functions
• eBUS port for connecting eBUS button panels and accessories
• Supports 10/100/1000Base-T
• Supports popular BMS – Building Management System protocols, such as BACnet, KNX, and DALI
• Ethernet monitoring and control

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IPL Pro S6
IP Link Pro Control Processor

The Extron IPL Pro S6 is a compact, high-performance control processor with six bidirectional serial ports. As with all IP Link® Pro control processors, the IPL Pro S6 combines more power, speed and memory. It features advanced security standards and Gigabit Ethernet, which ensures compatibility with multiple TouchLink® Pro touchpanels using a standard network infrastructure. It is designed to be used as a stand-alone control processor in medium size systems configured with Global Configurator® Plus or Professional. It may also be grouped with an IPCP Pro control processor in more complex systems configured with Global Configurator Professional.

FEATURES

• Supports TouchLink® Pro touchpanels
• Supports secure industry standard communication protocols
• Five bidirectional RS-232 serial ports with hardware and software handshaking
• One bidirectional RS-232/RS-422/RS-485 serial port with hardware and software handshaking
• Supports popular BMS – Building Management System protocols, such as BACnet, KNX, and DALI
• Manage, monitor, and control AV devices using a standard Ethernet network
• Power over Ethernet allows the control processor to receive power and communication over a single Ethernet cable, eliminating the need for a local power supply
• Supports 10/100/1000Base-T
• Supports Ethernet-controllable devices
• Up to 8 devices with GC Plus
• Up to 32 devices with GC Pro
• Automatic clock synchronization allows touchpanel to display the accurate time and date
• Supports control system synchronization

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**IPL Pro S3**  
**IP Link Pro Control Processor**

The Extron IPL Pro S3 is a compact, high-performance control processor with three bidirectional serial ports. As with all IP Link® Pro control processors, the IPL Pro S3 combines more power, speed and memory. It features advanced security standards and Gigabit Ethernet, which ensures compatibility with multiple TouchLink® Pro touchpanels using a standard network infrastructure. It is designed to be used as a stand-alone control processor in smaller systems configured with Global Configurator® Plus or Professional. It may also be grouped with an IPCP Pro control processor in more complex systems configured with Global Configurator Professional.

**FEATURES**
- Supports TouchLink® Pro touchpanels
- Supports secure industry standard communications protocols
- Two bidirectional RS-232 serial ports with hardware and software handshaking
- One bidirectional RS-232/RS-422/RS-485 serial port with hardware and software handshaking
- Supports popular BMS – Building Management System protocols, such as BACnet, KNX, and DALI
- Manage, monitor, and control AV devices using a standard Ethernet network
- Power over Ethernet allows the control processor to receive power and communication over a single Ethernet cable, eliminating the need for a local power supply
- Supports 10/100/1000Base-T
- Supports Ethernet-controllable devices
- Up to 8 devices with GC Plus
- Up to 32 devices with GC Pro
- Automatic clock synchronization allows touchpanel to display the accurate time and date
- Supports control system synchronization

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**IPL Pro S1**  
**IP Link Pro Control Processor**

The Extron IPL Pro S1 is a compact, high-performance control processor with one bidirectional serial port. As with all IP Link® Pro control processors, the IPL Pro S1 combines more power, speed and memory. It features advanced security standards and Gigabit Ethernet, which ensures compatibility with multiple TouchLink® Pro touchpanels using a standard network infrastructure. It is designed to be used as a stand-alone control processor in smaller systems configured with Global Configurator® Plus or Professional. It may also be grouped with an IPCP Pro control processor in more complex systems configured with Global Configurator Professional.

**FEATURES**
- Supports TouchLink® Pro touchpanels
- Supports secure industry standard communication protocols
- One bidirectional RS-232 serial port with hardware and software handshaking
- Supports popular BMS – Building Management System protocols, such as BACnet, KNX, and DALI
- Manage, monitor, and control AV devices using a standard Ethernet network
- Power over Ethernet allows the control processor to receive power and communication over a single Ethernet cable, eliminating the need for a local power supply
- Supports 10/100/1000Base-T
- Supports Ethernet-controllable devices
- Up to 8 devices with GC Plus
- Up to 32 devices with GC Pro
- Automatic clock synchronization allows touchpanel to display the accurate time and date
- Supports control system synchronization

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IP LINK PRO CONTROL PROCESSORS

IPL Pro CR88
IP Link Pro Control Processor

The Extron IPL Pro CR88 is a compact, high-performance control processor with eight contact closure inputs and eight relay ports. As with all IP Link® Pro control processors, the IPL Pro CR88 combines more power, speed and memory. It features advanced security standards and Gigabit Ethernet, which ensures compatibility with multiple TouchLink® Pro touchpanels using a standard network infrastructure. It is designed to be used as a stand-alone control processor in systems configured with Global Configurator® Plus or Professional. It may also be grouped with other IP Link Pro control processors in more complex systems configured with Global Configurator Professional.

FEATURES
- Supports TouchLink® Pro touchpanels
- Supports secure industry standard communication protocols
- Eight relays for controlling room functions
- Eight contact closure ports
- Manage, monitor, and control AV devices using a standard Ethernet network
- Power over Ethernet allows the control processor to receive power and communication over a single Ethernet cable, eliminating the need for a local power supply
- Supports Ethernet-controllable devices

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IPL Pro IRS8
IP Link Pro Control Processor

The Extron IPL Pro IRS8 is a compact, high-performance control processor with eight one-way IR/serial ports. As with all IP Link® Pro control processors, the IPL Pro IRS8 combines more power, speed and memory. It features advanced security standards and Gigabit Ethernet, which ensures compatibility with multiple TouchLink® Pro touchpanels using a standard network infrastructure. It is designed to be used as a stand-alone control processor in systems configured with Global Configurator® Plus or Professional. It may also be grouped with other IP Link Pro control processors in more complex systems configured with Global Configurator Professional.

FEATURES
- Supports TouchLink® Pro touchpanels
- Supports secure industry standard communication protocols
- Eight IR/Serial ports for one-way control of external devices
- Manage, monitor, and control AV devices using a standard Ethernet network
- Power over Ethernet allows the control processor to receive power and communication over a single Ethernet cable, eliminating the need for a local power supply
- Supports Ethernet-controllable devices

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IR LEARNING SOFTWARE

IR Learner Pro
IR Learning and Driver Creation Software for Pro Series Control Products

Extron IR Learner™ Pro is a Windows®-based software utility that captures infrared codes from IR remotes and creates custom drivers for controlling IR devices. It is designed for use with Extron IP Link® Pro control processors that feature a built-in IR capture port, such as IPCP Pro control processors and the IPL Pro IRS8. IR Learner Pro makes it easy to establish communication with Extron IR learning hardware by using a TCP/IP connection.

FEATURES
- Designed for use with IP Link® Pro control processors that feature an IR capture port
- Create new or modify existing IR drivers
- Save driver files and upload to any Extron controller or control processor that includes an IR port and accepts .EIR files
- Easy to use Windows-based application
- Available for free from www.extron.com

For updated product availability, go to www.extron.com
New TouchLink Pro Series
7" and 10" TouchLink Pro Touchpanels

The new Extron TLP Pro 725M, TLP Pro 725T, and TLP Pro 1025T are our latest TouchLink Pro touchpanels, offering exceptional performance and superior aesthetics. Inside there are powerful new quad-core processors and eight times more memory feeding high resolution capacitive touchscreens. The enhanced touchscreens deliver stunning graphics and superb durability with scratch and smudge-resistant Corning® Gorilla Glass®. Outside you'll find stylish, ergonomic enclosures that complement any contemporary presentation environment.

Groundbreaking Performance
The new touchpanels provide exceptional performance; and with an improved graphics engine, powerful quad-core processor, and increased RAM, you'll see faster background graphic loads and crisper page flips. These performance enhancements offer an enhanced user experience now, while providing ample memory and processing power to support exciting new features and capabilities in the future via firmware upgrades.

Captivating Graphics
Offering all new capacitive displays, these are our most vibrant touchscreens to date. The higher resolution combined with deeper color depth and increased pixel density deliver crisp, bright graphics for a satisfying user experience.

FEATURES
• Contemporary designs that complement the aesthetics of any environment
• 7" LCD touchscreen with 1024x600 resolution and 24-bit color depth
• 10" LCD touchscreen with 1280x800 resolution and 24-bit color depth
• Gorilla Glass screens are touch, scratch, and smudge-resistant, while maintaining touch sensitivity, color saturation, and brightness
• Faster, quad-core processing and eight times more memory – Allows for quicker configuration uploads and more storage for GUI pages.
• Compatible with all IP Link Pro control processors
• Power over Ethernet provides power and communication over a single Ethernet cable - PoE injector sold separately
• Built-in speakers – Provide audible feedback from button presses.
• Light sensors adjust screen brightness as the ambient room lighting changes
• Configurable red and green status lights
• System connection status indicators provide visual feedback if the touchpanel is not communicating with a control processor
• Automatic clock synchronization allows touchpanels to display the accurate time and date
• Energy-saving features:
  - Adjustable sleep timers puts touchpanels into sleep mode
  - Motion detector wakes touchpanels
• Fully customizable using Extron control system software – GUI Designer combined with Global Configurator Plus, Global Configurator Professional, or Global Scripter

Performance and Elegance
TOUCHLINK PRO SERIES TOUCHPANELS

TLP Pro 725T
7” Tabletop TouchLink Pro Touchpanel

The Extron TLP Pro 725T is a 7” Tabletop TouchLink® Pro Touchpanel with many enhanced features. Extron redesigned this latest TouchLink Pro Touchpanel inside and out with a new, high-performance quad-core processor, eight times more memory, a higher resolution, 1024x600 capacitive touchscreen built with scratch and smudge-resistant Corning® Gorilla Glass®, and a distinctive enclosure touchpanel with a fully-customizable interface.

FEATURES
• 7” capacitive touchscreen with 1024x600 resolution and 24-bit color depth
• Gorilla Glass® screen is tough, scratch, and smudge-resistant
• Faster, quad-core processing and eight times more memory
• Compatible with all IP Link Pro control processors
• Power over Ethernet provides power and communication over a single Ethernet cable
• Built-in speaker
• Light sensor adjusts screen brightness as the ambient room lighting changes
• Fixed 65 degree viewing angle provides optimum viewing comfort while seated or standing

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TLP Pro 725M
7” Wall Mount Touchlink Pro Touchpanel

The Extron TLP Pro 725M is a 7” wall mount TouchLink® Pro Touchpanel with many enhanced features. We redesigned this latest TouchLink Pro Touchpanel inside and out with a new, high-performance quad-core processor, eight times more memory, and a higher resolution, 1024x600 capacitive touchscreen built with scratch and smudge-resistant Corning® Gorilla Glass®. The TLP Pro 725M also features the convenience of PoE - Power over Ethernet, which allows it to receive power and communication over a single Ethernet cable. It is ideal for any environment requiring a stylish, wall-mountable touchpanel with a fully-customizable interface.

FEATURES
• 7” capacitive touchscreen with 1024x600 resolution and 24-bit color depth
• Gorilla Glass® screen is tough, scratch, and smudge-resistant
• Faster, quad-core processing and eight times more memory
• Can be mounted in a two-gang junction box, or on a wall, lectern, or any flat surface, including glass
• Digital input allows for a connection with a variety of devices, such as sensors and switches
• Power over Ethernet provides power and communication over a single Ethernet cable

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TLP Pro 1025T
10” Tabletop TouchLink Pro Touchpanel

The Extron TLP Pro 1025T is a 10” Tabletop TouchLink® Pro Touchpanel with many enhanced features. Extron redesigned this latest TouchLink Pro Touchpanel inside and out with a new, high-performance quad-core processor, eight times more memory, a higher resolution, 1280x800 capacitive touchscreen built with scratch and smudge-resistant Corning® Gorilla Glass®, and a distinctive enclosure with a sleek, gracefully-sweeping back. The TLP Pro 1025T also features the convenience of PoE - Power over Ethernet, which allows it to receive power and communication over a single Ethernet cable. It is ideal for any environment requiring a stylish, tabletop touchpanel with a fully-customizable interface.

FEATURES
• 10” capacitive touchscreen with 1280x800 resolution and 24-bit color depth
• Gorilla Glass® screen is tough, scratch, and smudge-resistant
• Faster, quad-core processing and eight times more memory
• Compatible with all IP Link Pro control processors
• Power over Ethernet provides power and communication over a single Ethernet cable
• Built-in speaker

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### TLP Pro 1720MG

17" Wall Mount TouchLink Pro Touchpanel

The Extron TLP Pro 1720MG is a 17" wall mount touchpanel with a capacitive, edge-to-edge glass touchscreen. This customizable touchpanel features faster processing and more memory, while the color, 1920x1080 capacitive touchscreen provides a vibrant look and a more responsive control surface. The TLP Pro 1720MG features video preview inputs that support high resolution, HDCP-compliant video from HDMI sources and Extron XTP® devices. For convenience, the touchpanel can receive power and communication over a single Ethernet cable. The TLP Pro 1720MG has a stylish design and powerful features that make it ideal for control applications that require a fully-customizable wall mount touchpanel with a large control surface and multi-source video preview.

**FEATURES**

- 17" capacitive touchscreen with 1920x1080 resolution and 16 million colors
- Faster processing and more memory
- Full-motion video preview and monitoring with HDMI and XTP inputs
- Compatible with all IP Link Pro control processors
- Touchpanel receives power and communication over a single Ethernet cable, eliminating the need for a local power supply - Power injector included
- Built-in speakers provide stereo audio
- Light sensor adjusts screen brightness as the ambient room lighting changes
- Configurable red and green status lights indicate a room’s availability or call status
- System connection status indicator provides visual feedback if the touchpanel is not communicating with a control processor
- Two high speed USB 2.0 ports
- 3.5 mm headphone jack provides local audio out from the touchpanel
- Automatic clock synchronization allows touchpanel to display the accurate time and date
- Energy-saving features:
  - Adjustable sleep timer puts touchpanel into sleep mode
  - Motion detector wakes touchpanel
- Mounts on a wall, lectern, or any flat surface

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### TLP Pro 1720TG

17" Tabletop TouchLink Pro Touchpanel

The Extron TLP Pro 1720TG is a 17" tabletop touchpanel with a capacitive, edge-to-edge glass touchscreen. This customizable touchpanel features faster processing and more memory, while the color, 1920x1080 capacitive touchscreen provides a vibrant look and a more responsive control surface. The TLP Pro 1720TG features video preview inputs that support high resolution, HDCP-compliant video from HDMI sources and Extron XTP® devices. For convenience, the touchpanel receives power and communication over a single Ethernet cable. The TLP Pro 1720TG has a stylish design and powerful features that make it ideal for control applications that require a fully-customizable tabletop touchpanel with a large control surface and multi-source video preview.

**FEATURES**

- 17" capacitive touchscreen with 1920x1080 resolution and 16 million colors
- Faster processing and more memory
- Full-motion video preview and monitoring with HDMI and XTP inputs
- Compatible with all IP Link Pro control processors
- Touchpanel receives power and communication over a single Ethernet cable, eliminating the need for a local power supply - Power injector included
- Built-in speakers provide stereo audio
- Light sensor adjusts screen brightness as the ambient room lighting changes
- Configurable red and green status lights indicate a room’s availability or call status
- System connection status indicator provides visual feedback if the touchpanel is not communicating with a control processor
- Two high speed USB 2.0 ports
- 3.5 mm headphone jack provides local audio out from the touchpanel
- Automatic clock synchronization allows touchpanel to display the accurate time and date
- Energy-saving features:
  - Adjustable sleep timer puts touchpanel into sleep mode
  - Motion detector wakes touchpanel
- Sits on a tabletop or installs on a VESA mount

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**TOUCHLINK PRO SERIES TOUCHPANELS**

**TLP Pro 1520MG**

15” Wall Mount TouchLink Pro Touchpanel

The Extron TLP Pro 1520MG is a 15” wall mount touchpanel with a capacitive, edge-to-edge glass touchscreen. This customizable touchpanel features faster processing and more memory, while the color, 1366x768 capacitive touchscreen provides a vibrant look and a more responsive control surface. The TLP Pro 1520MG features video preview inputs that support high resolution HDCP-compliant video from HDMI sources and Extron XTP devices. The convenience of PoE+ allows the touchpanel to receive power and communication over a single Ethernet cable. The TLP Pro 1520MG has a stylish design and powerful features that make it ideal for control applications that require a fully-customizable wall mount touchpanel with a large control surface and multi-source video preview.

**FEATURES**

- 15” capacitive touchscreen with 1366x768 resolution and 16 million colors
- Faster processing and more memory
- Full-motion video preview and monitoring with HDMI and XTP inputs
- Compatible with all IP Link Pro control processors
- PoE+ delivers power and communication over a single Ethernet cable, eliminating the need for a local power supply - Power injector sold separately
- Built-in speakers provide stereo audio
- Light sensor adjusts screen brightness as the ambient room lighting changes
- Configurable red and green status lights indicate a room’s availability or call status
- System connection status indicator provides visual feedback if the touchpanel is not communicating with a control processor
- Two high speed USB 2.0 ports
- 3.5mm headphone jack provides local audio out from the touchpanel
- Automatic clock synchronization allows touchpanel to display the accurate time and date
- Energy-saving features:
  - Adjustable sleep timer puts touchpanel into sleep mode
  - Motion detector wakes touchpanel
- Mounts on a wall, lectern, or any flat surface

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**TLP Pro 1520TG**

15” Tabletop TouchLink Pro Touchpanel

The Extron TLP Pro 1520TG is a 15” tabletop touchpanel with a capacitive, edge-to-edge glass touchscreen. This customizable touchpanel features faster processing and more memory, while the color, 1366x768 capacitive touchscreen provides a vibrant look and a more responsive control surface. The TLP Pro 1520TG features video preview inputs that support high resolution HDCP-compliant video from HDMI sources and Extron XTP devices. The convenience of PoE+ allows the touchpanel to receive power and communication over a single Ethernet cable. The TLP Pro 1520TG has a stylish design and powerful features that make it ideal for control applications that require a fully-customizable tabletop touchpanel with a large control surface and multi-source video preview.

**FEATURES**

- 15” capacitive touchscreen with 1366x768 resolution and 16 million colors
- Faster processing and more memory
- Full-motion video preview and monitoring with HDMI and XTP inputs
- Compatible with all IP Link Pro control processors
- PoE+ delivers power and communication over a single Ethernet cable, eliminating the need for a local power supply - Power injector sold separately
- Built-in speakers provide stereo audio
- Light sensor adjusts screen brightness as the ambient room lighting changes
- Configurable red and green status lights indicate a room’s availability or call status
- System connection status indicator provides visual feedback if the touchpanel is not communicating with a control processor
- Two high speed USB 2.0 ports
- 3.5mm headphone jack provides local audio out from the touchpanel
- Automatic clock synchronization allows touchpanel to display the accurate time and date
- Energy-saving features:
  - Adjustable sleep timer puts touchpanel into sleep mode
  - Motion detector wakes touchpanel
- Sits on a tabletop or installs on a VESA mount

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**TLP Pro 1220MG**

12" Wall Mount TouchLink Pro Touchpanel

The Extron TLP Pro 1220MG is a 12" wall mount touchscreen with a capacitive, edge-to-edge glass touchscreen. This customizable touchpanel features faster processing and more memory, while the color, 1280x800 capacitive touchscreen provides a vibrant look and a more responsive control surface. The TLP Pro 1220MG features video preview inputs that support high resolution HDCP-compliant video from HDMI sources and Extron XTP devices. The convenience of PoE+ allows the touchpanel to receive power and communication over a single Ethernet cable. The TLP Pro 1220MG has a stylish design and powerful features that make it ideal for control applications that require a fully-customizable wall mount touchpanel with a large control surface and multi-source video preview.

**FEATURES**

- 12" capacitive touchscreen with 1280x800 resolution and 16 million colors
- Faster processing and more memory
- Full-motion video preview and monitoring with HDMI and XTP inputs
- Compatible with all IP Link Pro control processors
- PoE+ delivers power and communication over a single Ethernet cable, eliminating the need for a local power supply - Power injector sold separately
- Built-in speakers provide stereo audio
- Light sensor adjusts screen brightness as the ambient room lighting changes
- Configurable red and green status lights indicate a room’s availability or call status
- System connection status indicator provides visual feedback if the touchpanel is not communicating with a control processor
- Two high speed USB 2.0 ports
- 3.5mm headphone jack provides local audio out from the touchpanel
- Automatic clock synchronization allows touchpanel to display the accurate time and date
- Energy-saving features:
  - Adjustable sleep timer puts touchpanel into sleep mode
  - Motion detector wakes touchpanel
- Mounts on a wall, lectern, or any flat surface

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**TLP Pro 1220TG**

12" Tabletop TouchLink Pro Touchpanel

The Extron TLP Pro 1220TG is a 12" tabletop touchscreen with a capacitive, edge-to-edge glass touchscreen. This customizable touchpanel features faster processing and more memory, while the color, 1280x800 capacitive touchscreen provides a vibrant look and a more responsive control surface. The TLP Pro 1220TG features video preview inputs that support high resolution HDCP-compliant video from HDMI sources and Extron XTP devices. The convenience of PoE+ allows the touchpanel to receive power and communication over a single Ethernet cable. The TLP Pro 1220TG has a stylish design and powerful features that make it ideal for control applications that require a fully-customizable tabletop touchpanel with a large control surface and multi-source video preview.

**FEATURES**

- 12" capacitive touchscreen with 1280x800 resolution and 16 million colors
- Faster processing and more memory
- Full-motion video preview and monitoring with HDMI and XTP inputs
- Compatible with all IP Link Pro control processors
- PoE+ delivers power and communication over a single Ethernet cable, eliminating the need for a local power supply - Power injector sold separately
- Built-in speakers provide stereo audio
- Light sensor adjusts screen brightness as the ambient room lighting changes
- Configurable red and green status lights
- System connection status indicator provides visual feedback if the touchpanel is not communicating with a control processor
- Two high speed USB 2.0 ports
- 3.5mm headphone jack provides local audio out from the touchpanel
- Automatic clock synchronization allows touchpanel to display the accurate time and date
- Weighted base allows up to 40° of tilt
- Energy-saving features:
  - Adjustable sleep timer puts touchpanel into sleep mode
  - Motion detector wakes touchpanel
- Sits on a tabletop or installs on a VESA mount

<table>
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<tr>
<th>Model</th>
<th>Version Description</th>
<th>Part Number</th>
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<td>Black - Tabletop &amp; VESA</td>
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TOUCHLINK PRO SERIES TOUCHPANELS

TLP Pro 1022M
10" Wall Mount TouchLink Pro Touchpanel

The Extron TLP Pro 1022M is a 10" wall mount touchpanel featuring a sleek design with edge-to-edge glass and a high-performance capacitive touchscreen. This customizable touchpanel features faster processing and more memory, while the color, 1024x600 capacitive touchscreen provides a vibrant look and a more responsive control surface. Power over Ethernet - PoE allows the touchpanel to receive power and communication over a single Ethernet cable. The TLP Pro 1022M features the same sleek design as our larger TouchLink Pro touchpanels, allowing it to easily blend in with existing Extron technology in your facility. It is ideal for any AV application requiring a large, wall mount touchpanel with a fully customizable interface.

FEATURES
- 10" capacitive touchscreen with 1024x600 resolution and 18-bit color depth
- Faster processing and more memory
- Compatible with all IP Link® Pro control processors
- Power over Ethernet allows the touchpanel to receive power and communication over a single Ethernet cable, eliminating the need for a local power supply - PoE injector sold separately
- Built-in speakers with improved audio performance
- Light sensor adjusts screen brightness as the ambient room lighting changes
- Configurable red and green status light indicates a room’s availability or call status
- System connection status indicator provides visual feedback if the touchpanel is not communicating with a control processor
- Automatic clock synchronization allows touchpanel to display the accurate time and date
- Energy-saving features:
  - Adjustable sleep timer puts touchpanel into sleep mode
  - Motion detector wakes touchpanel
- Mounts on a wall, lectern, or any flat surface

Model | Version Description | Part Number
--- | --- | ---
TLP Pro 1022M | Black - Wall Mount | 60-1602-02

TLP Pro 1022T
10" Tabletop TouchLink Pro Touchpanel

The Extron TLP Pro 1022T is a 10" tabletop touchpanel featuring a sleek design with edge-to-edge glass and a high-performance capacitive touchscreen. This customizable touchpanel features faster processing and more memory, while the color, 1024x600 capacitive touchscreen provides a vibrant look and a more responsive control surface. Power over Ethernet - PoE allows the touchpanel to receive power and communication over a single Ethernet cable. The TLP Pro 1022T features the same sleek design as our larger TouchLink Pro touchpanels, allowing it to easily blend in with existing Extron technology in your facility. It is ideal for any AV application requiring a large, tabletop touchpanel with a fully customizable interface.

FEATURES
- 10" capacitive touchscreen with 1024x600 resolution and 18-bit color depth
- Faster processing and more memory
- Compatible with all IP Link® Pro control processors
- Power over Ethernet allows the touchpanel to receive power and communication over a single Ethernet cable, eliminating the need for a local power supply - PoE injector sold separately
- Built-in speakers with improved audio performance
- Light sensor adjusts screen brightness as the ambient room lighting changes
- Configurable red and green status light indicates a room’s availability or call status
- System connection status indicator provides visual feedback if the touchpanel is not communicating with a control processor
- Automatic clock synchronization allows touchpanel to display the accurate time and date
- Weighted base allows up to 45° of tilt
- Energy-saving features:
  - Adjustable sleep timer puts touchpanel into sleep mode
  - Motion detector wakes touchpanel
- Sits on a tabletop or installs on a VESA mount

Model | Version Description | Part Number
--- | --- | ---
TLP Pro 1022T | Black - Tabletop & VESA | 60-1601-02
TOUCHLINK PRO SERIES TOUCHPANELS

TLP Pro 720M
7" Wall Mount TouchLink Pro Touchpanel

The Extron TLP Pro 720M is a 7" wall mount touchpanel with a high resolution, LCD touchscreen. As with all TouchLink® Pro models, this new customizable touchpanel features faster processing and more memory. Power over Ethernet - PoE allows the touchpanel to receive power and communication over a single Ethernet cable. The TLP Pro 720M features the same contemporary design as our legacy TouchLink touchpanels, allowing it to easily blend in with existing Extron technology in your facility. It is ideal for any AV application requiring a full-size, wall-mountable touchpanel with a fully customizable interface.

FEATURES
- 7" LCD touchscreen with 800x480 resolution and 18-bit color depth
- Faster processing and more memory
- Compatible with all IP Link Pro control processors
- Power over Ethernet allows the touchpanel to receive power and communication over a single Ethernet cable, eliminating the need for a local power supply - PoE injector sold separately
- Built-in speaker with improved audio performance
- Light sensor adjusts screen brightness as the ambient room lighting changes

Model Version Description Part Number
--- --- --- ---
TLP Pro 720M Black - Wall Mount ........................................ 60-1394-02
TLP Pro 720M White - Wall Mount ........................................ 60-1394-03

TLP Pro 720T
7" Tabletop TouchLink Pro Touchpanel

The Extron TLP Pro 720T is a 7" tabletop touchpanel with a high resolution, LCD touchscreen. As with all TouchLink® Pro models, this new customizable touchpanel features faster processing and more memory. Power over Ethernet - PoE allows the touchpanel to receive power and communication over a single Ethernet cable. The TLP Pro 720T features the same contemporary design as our legacy TouchLink touchpanels, allowing it to easily blend in with existing Extron technology in your facility. It is ideal for any AV application requiring a full-size, tabletop touchpanel with a fully customizable interface.

FEATURES
- 7" LCD touchscreen with 800x480 resolution and 18-bit color depth
- Faster processing and more memory
- Compatible with all IP Link Pro control processors
- Power over Ethernet allows the touchpanel to receive power and communication over a single Ethernet cable, eliminating the need for a local power supply - PoE injector sold separately
- Built-in speaker with improved audio performance
- Light sensor adjusts screen brightness as the ambient room lighting changes

Model Version Description Part Number
--- --- --- ---
TLP Pro 720T Black - Tabletop & VESA .............................. 60-1395-02
TOUCHLINK PRO SERIES TOUCHPANELS

TLP Pro 720C
7" Cable Cubby TouchLink Pro Touchpanel

The Extron TLP Pro 720C is a 7" Cable Cubby® touchpanel with a flip-up, LCD touchscreen. As with all TouchLink® Pro models, this new customizable touchpanel features faster processing and more memory. Power over Ethernet - PoE allows the touchpanel to receive power and communication over a single Ethernet cable. The TLP Pro 720C is built into an all metal, Cable Cubby enclosure that can be mounted securely into a tabletop, lectern, or other flat surface. It is ideal for any AV application requiring a full-size, Cable Cubby touchpanel with a customizable interface.

FEATURES
• 7" flip-up LCD touchscreen with 800x480 resolution and 18-bit color depth
• Faster processing and more memory
• Compatible with all IP Link Pro control processors
• Power over Ethernet allows the touchpanel to receive power and communication over a single Ethernet cable, eliminating the need for a local power supply - PoE injector sold separately
• Built-in speaker with improved audio performance
• Cable Cubby design offers easy access to AV, data, and power connections

Model | Version Description | Part Number  
--- | --- | ---  
TLP Pro 720C | Black - w/US AC Module | 60-1396-020A 
TLP Pro 720C | Black - w/o AC Module | 60-1396-0200 

TLP Pro 520M
5" Wall Mount TouchLink Pro Touchpanel

The Extron TLP Pro 520M is a 5" wall mount touchpanel with a capacitive glass touchscreen. This customizable touchpanel features faster processing and more memory, while the color, 800x480 capacitive touchscreen provides a vibrant look and a more responsive control surface. The touchpanel can be mounted in landscape or portrait orientation. Power over Ethernet - PoE allows the touchpanel to receive power and communication over a single Ethernet cable. The TLP Pro 520M features a similar design as our legacy TouchLink® touchpanels, allowing it to easily blend in with existing Extron technology in your facility. It is ideal for any AV application requiring a compact, capacitive screen touchpanel with flexible mounting options and a fully customizable interface.

FEATURES
• 5" capacitive touchscreen with 800x480 resolution and 16 million colors
• Faster processing and more memory
• Compatible with all IP Link Pro control processors
• Power over Ethernet allows the touchpanel to receive power and communication over a single Ethernet cable, eliminating the need for a local power supply - PoE injector sold separately
• Built-in speaker with improved audio performance
• Digital input allows for a connection with a variety of devices, such as sensors, switches, and relays
• Light sensor adjusts screen brightness as the ambient room lighting changes
• Configurable red and green status lights indicate a room’s availability or call status
• System connection status indicator provides visual feedback if the touchpanel is not communicating with a control processor
• Automatic clock synchronization allows touchpanel to display the accurate time and date
• Energy-saving features:
  - Adjustable sleep timer puts touchpanel into sleep mode
  - Motion detector wakes touchpanel
• Mounts on a wall, lectern, or any flat surface including glass
• Touchpanel can be mounted on a glass surface using an optional mounting kit
• Can be mounted in landscape or portrait orientation

Model | Version Description | Part Number  
--- | --- | ---  
TLP Pro 520M | Black - Wall Mount | 60-1185-02
TOUCHLINK PRO SERIES TOUCHPANELS

TLP Pro 320M
3.5" Wall Mount TouchLink Pro Touchpanel

The Extron TLP Pro 320M is a 3.5" wall mount touchpanel with an LCD touchscreen. As with all TouchLink® Pro models, this new customizable touchpanel features faster processing and more memory. Power over Ethernet - PoE allows the touchpanel to receive power and communication over a single Ethernet cable. The TLP Pro 320M features a sleek, rounded bezel that complements the aesthetics in any AV environment. It is ideal for AV applications requiring a compact, wall-mountable touchpanel with a fully customizable interface.

FEATURES

- 3.5" LCD touchscreen with 320x240 resolution and 18-bit color depth
- Faster processing and more memory
- Eight customizable backlit buttons and a user-friendly volume knob
- Compatible with all IP Link Pro control processors
- Power over Ethernet allows the touchpanel to receive power and communication over a single Ethernet cable, eliminating the need for a local power supply - PoE injector sold separately
- Built-in speaker with improved audio performance
- Light sensor adjusts screen brightness as the ambient room lighting changes
- Configurable red and green status lights indicate a room's availability or call status
- System connection status indicator provides visual feedback if the touchpanel is not communicating with a control processor
- Automatic clock synchronization allows touchpanel to display the accurate time and date
- Energy-saving features:
  - Adjustable sleep timer puts touchpanel into sleep mode
  - Motion detector wakes touchpanel
- Contemporary design that complements the aesthetics of any environment

Model | Version Description | Part Number
--- | --- | ---
TLP Pro 320M | Black - Wall Mount | 60-1451-02

TLP Pro 320C
3.5" Cable Cubby TouchLink Pro Touchpanel

The Extron TLP Pro 320C is a 3.5" Cable Cubby® touchpanel with a flip-up, LCD touchscreen. As with all TouchLink® Pro models, this new customizable touchpanel features faster processing and more memory. Power over Ethernet - PoE allows the touchpanel to receive power and communication over a single Ethernet cable. The TLP Pro 320C is built into an all metal, Cable Cubby enclosure that can be mounted securely into a tabletop, lectern, or other flat surface.

FEATURES

- 3.5" flip-up LCD touchscreen with 320x240 resolution and 18-bit color depth
- Faster processing and more memory
- Ten customizable backlit buttons
- Compatible with all IP Link Pro control processors
- Power over Ethernet allows the touchpanel to receive power and communication over a single Ethernet cable, eliminating the need for a local power supply - PoE injector sold separately
- Built-in speaker with improved audio performance

Model | Version Description | Part Number
--- | --- | ---
TLP Pro 320C | Black - w/US AC Module | 60-1452-020A
TLP Pro 320C | Black - w/o AC Module | 60-1452-0200
TLP Pro 320C | Br Alum - w/o AC Module | 60-1452-0210
### TLI Pro 101
**TouchLink Interface**

The Extron TLI Pro 101 is a TouchLink® Interface that allows a third-party touchscreen display to be used as a point of control within an Extron Pro Series control system. This unique interface includes a scaled HDCP-compliant HDMI input for video preview. The scaled output supports displays from 800x600 to 1920x1200, as well as HDTV 1080p/60 and 2K.

**FEATURES**
- Compatible with third-party touchscreen displays up to 1920x1200, including HDTV 1080p/60 and 2K
- Fast processing and ample memory
- Compatible with all IP Link Pro control processors
- Supports Power over Ethernet
- Advanced Extron video signal processing with a high performance scaling engine
- Fully customizable using Extron control system software
- Supports the Extron Control App and Extron Control for Web
- 1U, half rack width metal enclosure

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<th>Model</th>
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<td>TouchLink Interface</td>
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### CCI Pro 700
**TouchLink Pro Conference Room Control Interface**

The Extron CCI Pro 700 is the industry's first control system user interface optimized for conferencing, collaboration, and AV control. It supports many of the critical functions needed in a conferencing environment, while providing a powerful and intuitive user interface for room control. The compact CCI Pro 700 includes a 3.5” color information display, a numeric keypad, and backlit buttons. The information display may be used to show contact information, call directories, and call status. Buttons directly below the display may be used to navigate custom lists and menus. The information display is customized using GUI Designer, and all buttons can be configured and customized using Global Configurator® Plus and Pro, and Custom Button Builder. This flexible design affords countless conferencing and control possibilities.

**FEATURES**
- Control conference systems and AV devices from a single, easy-to-use interface
- Familiar and intuitive design
- Works seamlessly with virtually any audio and video conferencing solution
- Free System Templates streamline configuration
- Compatible with all IP Link Pro control processors
- Customizable 3.5” color information display with context-dependent buttons
- Six backlit, soft-touch function buttons for AV device control or call presets
- Dual-color call status indicator
- Configurable buttons for critical conference functions
- Power over Ethernet allows the interface to receive power and communication over a single Ethernet cable, eliminating the need for a local power supply - PoE injector sold separately
- Light sensor adjusts screen and button brightness as the ambient room lighting changes
- Energy-saving features:
  - Adjustable sleep timer puts interface into sleep mode
  - Motion detector wakes the interface
- Fully-configurable using Extron control system software

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<td>Conference Control Interface</td>
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EBP 50

eBUS Button Panel with 6 Buttons - US Single-Gang

The Extron EBP 50 eBUS® Button Panel is a fully-customizable AV system control interface designed for use with Extron eBUS-enabled control systems. This easy-to-use control panel connects to an IPCP Pro control processor to perform a wide variety of AV system functions such as display On/Off, input switching, volume control, and much more. The EBP 50 features six dual-colored backlit buttons for easy operation in low-light environments. eBUS button panels are linked to the control processor and to each other using a single cable that carries both power and communication. The EBP 50 mounts in a one-gang junction box, and includes black and white faceplates.

FEATURES

- Fully customizable button panel integrates easily with an Extron Pro Series control system
- Six dual-color, customizable, back-lit buttons
- Two eBUS® ports allow for quick system expansion and upgrades
- Compatible with all Extron IPCP Pro control processors
- Use a single button panel or combine multiple button panels to accommodate a broad variety of system designs
- eBUS button panels connect to the control processor and each other using a single cable that carries both power and communication
- DIP switches are used to set unique eBUS device addresses and minimize setup time
- Volume control knob with LEDs for visual feedback
- eBUS diagnostic LED provides connection status for troubleshooting
- Removable button caps make changing labels in the field easy
- Section 508 Compliant
- Supports the Extron Control App
- Includes black and white, two-gang faceplates

Model | Version Description | Part Number
--- | --- | ---
EBP 50 | Single-Gang, Black and White, 6 Button | 60-1670-01

EBP 100

eBUS Button Panel with 6 Buttons - US 2-Gang

The Extron EBP 100 eBUS® Button Panel is a fully-customizable AV system control interface designed for use with Extron eBUS-enabled control systems. This easy-to-use control panel connects to an IPCP Pro control processor to perform a wide variety of AV system functions such as display On/Off, input switching, volume control, and much more. The EBP 100 features six dual-colored backlit buttons for easy operation in low-light environments and a volume knob for smooth, precise volume adjustments. Two eBUS ports are available for easy system expansion. eBUS button panels are linked to the control processor and to each other using a single cable that carries both power and communication. The EBP 100 mounts in a two-gang junction box, and includes black and white faceplates.

FEATURES

- Fully customizable button panel integrates easily with an Extron Pro Series control system
- Six dual-color, customizable, back-lit buttons
- Two eBUS® ports allow for quick system expansion and upgrades
- Compatible with all Extron IPCP Pro control processors
- Use a single button panel or combine multiple button panels to accommodate a broad variety of system designs
- eBUS button panels connect to the control processor and each other using a single cable that carries both power and communication
- DIP switches are used to set unique eBUS device addresses and minimize setup time
- Volume control knob with LEDs for visual feedback
- eBUS diagnostic LED provides connection status for troubleshooting
- Removable button caps make changing labels in the field easy
- Section 508 Compliant
- Supports the Extron Control App
- Includes black and white, two-gang faceplates

Model | Version Description | Part Number
--- | --- | ---
EBP 100 | 2-Gang, Black and White, 6 Button | 60-1388-01
**eBUS BUTTON PANELS – US GANG**

**EBP 200**

*eBUS Button Panel with 10 Buttons - US 3-Gang*

The Extron EBP 200 eBUS® Button Panel is a fully-customizable AV system control interface designed for use with Extron eBUS-enabled control systems. This easy-to-use control panel connects to an IPCP Pro control processor to perform a wide variety of AV system functions such as display On/Off, input switching, volume control, and much more. The EBP 200 features 10 dual-colored backlit buttons for easy operation in low-light environments and a volume control knob for smooth, precise volume adjustments. Two eBUS ports are available for easy system expansion. eBUS button panels are linked to the control processor and to each other using a single cable that carries both power and communication. The EBP 200 mounts in a three-gang junction box, and includes black and white faceplates.

**FEATURES**

- Fully customizable button panel integrates easily with an Extron Pro Series control system
- Ten dual-color, customizable, back-lit buttons
- Two eBUS® ports allow for quick system expansion and upgrades
- Compatible with all Extron IPCP Pro control processors
- Use a single button panel or combine multiple button panels to accommodate a broad variety of system designs
- eBUS button panels connect to the control processor and each other using a single cable that carries both power and communication
- DIP switches are used to set unique eBUS device addresses and minimize setup time
- Volume control knob with LEDs for visual feedback
- eBUS diagnostic LED provides connection status for troubleshooting
- Removable button caps make changing labels in the field easy
- Section 508 Compliant
- Supports the Extron Control App
- Includes black and white, three-gang faceplates

**Model** | **Version Description** | **Part Number**
--- | --- | ---
EBP 200 | 3-Gang, Black and White, 10 Button | 60-1389-01

**eBUS BUTTON PANELS – DECORATOR STYLE**

**EBP 103 D**

*eBUS Button Panel with 3 Buttons - Decorator-Style Wallplate*

The Extron EBP 103 D eBUS® Button Panel is a fully-customizable AV system control interface for Extron eBUS-enabled control systems. This easy-to-use control panel connects to an IPCP Pro control processor to perform a wide variety of AV system functions such as On/Off, input switching, volume control, and much more. The EBP 103 D offers three, dual-color backlit buttons for easy operation in low-light environments. eBUS button panels are linked to the control processor and to each other using a single cable that carries both power and communication. The EBP 103 D mounts in a single gang junction box, and includes black and white decorator-style wallplates and mud ring.

**FEATURES**

- Fully customizable button panel integrates easily with an Extron Pro Series control system
- Three dual-color, customizable, backlit buttons
- Two eBUS® ports allow for quick system expansion and upgrades
- Compatible with all Extron IPCP Pro control processors
- Use a single button panel or combine multiple button panels to accommodate a broad variety of system designs
- eBUS button panels connect to the control processor and each other using a single cable that carries both power and communication

**Model** | **Version Description** | **Part Number**
--- | --- | ---
EBP 103 D | Decorator-Style, Black and White, 3 Button | 60-1671-01

For updated product availability, go to [www.extron.com](http://www.extron.com)
EBP 105 D

EBP 105 D eBUS® Button Panel with 5 Buttons - Decorator-Style Wallplate

The Extron EBP 105 D eBUS® Button Panel is a fully-customizable AV system control interface for Extron eBUS-enabled control systems. This easy-to-use control panel connects to an IPCP Pro control processor to perform a wide variety of AV system functions such as On/Off, input switching, volume control, and much more. The EBP 105 D offers five customizable, soft-touch buttons that are backlit for easy operation in low-light environments. Two eBUS ports are available for easy system expansion. eBUS button panels are linked to the control processor and to each other using a single cable that carries both power and communication. The EBP 105 D mounts in a single gang junction box, and includes black and white decorator-style wallplates and mud ring.

FEATURES
- Fully customizable button panel integrates easily with an Extron Pro Series control system
- Five backlit, soft-touch buttons that can be customized using Extron's Custom Button Builder
- Two eBUS® ports allow for quick system expansion and upgrades
- Compatible with all Extron IPCP Pro control processors
- Use a single button panel or combine multiple button panels to accommodate a broad variety of system designs
- eBUS button panels connect to the control processor and each other using a single cable that carries both power and communication
- DIP switches are used to set unique eBUS device addresses and minimize setup time
- eBUS diagnostic LED provides connection status for troubleshooting
- Built-in speaker provides audible feedback for button presses
- Removable captive screw connectors allow for quick installation
- Supports the Extron Control App
- Includes black and white decorator-style wallplates and mud ring

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EBP 106 D and EBP 106P D

EBP 106 D and EBP 106P D eBUS® Button Panels are fully-customizable AV system control interfaces for Extron eBUS-enabled control systems. These easy-to-use control panels connect to an IPCP Pro control processor to perform a wide variety of AV system functions such as display On/Off, input switching, volume control, and much more. Both button panels offer six customizable, soft-touch buttons that are backlit for easy operation in low-light environments. Two eBUS ports are available for easy system expansion. eBUS button panels are linked to the control processor and to each other using a single cable that carries both power and communication. The EBP 106 D and EBP 106P D mount in a single gang junction box, and include black and white Decorator wallplates and mud ring.

FEATURES
- Fully customizable button panels integrate easily with an Extron Pro Series control system
- Six backlit, soft-touch buttons that can be customized using Extron’s Custom Button Builder
- Two eBUS® ports allow for quick system expansion and upgrades
- Compatible with all Extron IPCP Pro control processors
- Use a single button panel or combine multiple button panels to accommodate a broad variety of system designs
- eBUS button panels connect to the control processor and each other using a single cable that carries both power and communication
- DIP switches are used to set unique eBUS device addresses and minimize setup time
- eBUS diagnostic LED provides connection status for troubleshooting
- Built-in speakers provide audible feedback for button presses
- Removable captive screw connectors allow for quick installation
- Reset Button
- Section 508 Compliant
- Activity LED indicates various states of the button panel
- Discrete On and Off display power controls
- Support the Extron Control App
- Include black and white Decorator wallplates and mud rings

<table>
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<td>Decorator-Style, Black and White, 6 Button</td>
<td>60-1093-01</td>
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</table>
eBUS BUTTON PANELS – DECORATOR STYLE

**EBP 108 D**

eBUS Button Panel with 8 Buttons - Decorator-Style Wallplate

The Extron EBP 108 D eBUS® Button Panel is a fully-customizable AV system control interface for Extron eBUS-enabled control systems. This easy-to-use control panel connects to an IPCP Pro control processor to perform a wide variety of AV system functions such as display On/Off, input switching, volume control, and much more. The EBP 108 D offers eight customizable, soft-touch buttons that are backlit for easy operation in low-light environments. Two eBUS ports are available for easy system expansion. eBUS button panels are linked to the control processor and to each other using a single cable that carries both power and communication. The EBP 108 D mounts in a single gang junction box, and includes black and white decorator-style wallplates and mud ring.

**FEATURES**

- Fully customizable button panel integrates easily with an Extron Pro Series control system
- Eight backlit, soft-touch buttons that can be customized using Extron’s Custom Button Builder
- Two eBUS® ports allow for quick system expansion and upgrades

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<td>EBP 108 D</td>
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**EBP 110 D**

eBUS Button Panel with 10 Buttons - Decorator-Style Wallplate

The Extron EBP 110 D eBUS® Button Panel is a fully-customizable AV system control interface for Extron eBUS-enabled control systems. This easy-to-use control panel connects to an IPCP Pro control processor to perform a wide variety of AV system functions such as display On/Off, input switching, volume control, and much more. The EBP 110 D offers ten customizable, soft-touch buttons that are backlit for easy operation in low-light environments. Two eBUS ports are available for easy system expansion. eBUS button panels are linked to the control processor and to each other using a single cable that carries both power and communication. The EBP 110 D mounts in a single gang junction box, and includes black and white decorator-style wallplates and mud ring.

**FEATURES**

- Fully customizable button panel integrates easily with an Extron Pro Series control system
- Ten backlit, soft-touch buttons that can be customized using Extron’s Custom Button Builder
- Two eBUS® ports allow for quick system expansion and upgrades

<table>
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<th>Model</th>
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<td>60-1190-01</td>
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</table>
**EBP VC1 D**

*EBUS Button Panel with Volume Control - Decorator-Style Wallplate*

The Extron EBP VC1 D eBUS® Button Panel is a fully-customizable AV system control interface for Extron eBUS-enabled control systems. This easy-to-use control panel connects to an IPCP Pro control processor and provides volume control within a room. It features a rotary volume control knob that provides smooth, precise volume levels and a dual-color, illuminated soft touch button for muting. Five bright LEDs provide at-a-glance level indication of system volume levels. Two eBUS ports are available for easy system expansion. eBUS button panels are linked to the control processor and to each other using a single cable that carries both power and communication. The EBP VC1 D mounts in a single gang junction box, and includes black and white decorator-style wallplates and mud ring.

**FEATURES**

- Fully customizable button panel integrates easily with an Extron Pro Series control system
- One backlit, soft-touch button that can be customized using Extron’s Custom Button Builder
- Two eBUS® ports allow for quick system expansion and upgrades
- Compatible with all Extron IPCP Pro control processors
- Use a single button panel or combine multiple button panels to accommodate a broad variety of system designs
- eBUS button panels connect to the control processor and each other using a single cable that carries both power and communication
- DIP switches are used to set unique eBUS device addresses and minimize setup time
- eBUS diagnostic LED provides connection status for troubleshooting
- Volume control knob with LEDs for visual feedback
- Dual-color, illuminated mute button
- Built-in speaker provides audible feedback for button presses
- Removable captive screw connectors allow for quick installation
- Supports the Extron Control App
- Includes black and white decorator-style wallplates and mud ring

<table>
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<tr>
<th>Model</th>
<th>Version Description</th>
<th>Part Number</th>
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<tr>
<td>EBP VC1 D</td>
<td>Decorator-Style, Black and White, Vol Control</td>
<td>60-1184-01</td>
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</table>

**EBP VC2 D**

*EBUS Button Panel with Dual Volume Control - Decorator-Style Wallplate*

The Extron EBP VC2 D eBUS® Button Panel is a fully-customizable AV system control interface for Extron eBUS-enabled control systems. This easy-to-use control panel connects to an IPCP Pro control processor to provide volume and microphone level controls. The EBP VC2 D offers six customizable, soft-touch buttons that are backlit for easy operation in low-light environments. Bright LEDs provide at-a-glance level indication for both volume and microphone controls. Two eBUS ports are available for easy system expansion. eBUS button panels are linked to the control processor and to each other using a single cable that carries both power and communication. The EBP VC2 D mounts in a single gang junction box, and includes black and white decorator-style wallplates.

**FEATURES**

- Fully customizable button panel integrates easily with an Extron Pro Series control system
- Six backlit, soft-touch buttons that can be customized using Extron’s Custom Button Builder
- Two eBUS® ports allow for quick system expansion and upgrades
- Compatible with all Extron IPCP Pro control processors
- Use a single button panel or combine multiple button panels to accommodate a broad variety of system designs
- eBUS button panels connect to the control processor and each other using a single cable that carries both power and communication
- DIP switches are used to set unique eBUS device addresses and minimize setup time
- eBUS diagnostic LED provides connection status for troubleshooting
- Volume adjustment and mute buttons with LED level indication
- Microphone adjustment and mute buttons with LED level indication
- Built-in speaker provides audible feedback for button presses
- Removable captive screw connectors allow for quick installation
- Supports the Extron Control App
- Includes black and white decorator-style wallplates and mud ring

<table>
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<tr>
<th>Model</th>
<th>Version Description</th>
<th>Part Number</th>
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<tbody>
<tr>
<td>EBP VC2 D</td>
<td>Decorator-Style, Black and White, Dual Vol</td>
<td>60-1094-01</td>
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EBP NAV D

EBP Button Panel with Transport Control - Decorator-Style Wallplate

The Extron EBP NAV D eBUS® button panel is a fully-customizable AV system control interface for Extron eBUS-enabled control systems. This easy-to-use control panel connects to an IPCP Pro control processor to provide transport controls for video sources within a room. The EBP NAV D offers customizable, soft-touch buttons that are backlit for easy operation in low-light environments. Two eBUS ports are available for easy system expansion. eBUS button panels are linked to the control processor and to each other using a single cable that carries both power and communication. The EBP NAV D mounts in a single-gang junction box, and includes black and white decorator-style wallplates and mud ring.

**FEATURES**
- Fully customizable button panel integrates easily with an Extron Pro Series control system
- Fourteen backlit, soft-touch buttons provide easy, intuitive control of Blu-ray and DVD players, streaming video, and other media sources
- Two eBUS ports allow for quick system expansion and upgrades

**Model** | **Version Description** | **Part Number**
---|---|---
EBP NAV D | Decorator, Black and White, Transport Control | 60-1086-01

EBP 111 D

EBP Button Panel with 11 Buttons - Decorator-Style 2-Gang

The Extron EBP 111 D eBUS® Button Panel is a fully-customizable AV system control interface for Extron eBUS-enabled control systems. This easy-to-use control panel connects to an IPCP Pro control processor to perform a wide variety of AV system functions such as display On/Off, input switching, volume control, and much more. The EBP 111 D offers eleven customizable, soft-touch buttons that are backlit for easy operation in low-light environments. Buttons are arranged in two columns, which conveniently segregates input selection and AV functions. Two eBUS ports enable easy system expansion. eBUS button panels are linked to the control processor and to each other using a single cable that carries both power and communication. The EBP 111 D mounts in a two-gang junction box, and includes black and white decorator wallplates and mud ring.

**FEATURES**
- Fully customizable button panel integrates easily with an Extron Pro Series control system
- Eleven backlit, soft-touch buttons that can be customized using Extron’s Custom Button Builder
- Two eBUS ports allow for quick system expansion and upgrades
- Compatible with all Extron IPCP Pro control processors
- Use a single button panel or combine multiple button panels to accommodate a broad variety of system designs
- eBUS button panels connect to the control processor and each other using a single cable that carries both power and communication
- DIP switches are used to set unique eBUS device addresses and minimize setup time
- eBUS diagnostic LED provides connection status for troubleshooting
- Video transport controls
- Built-in speaker provides audible feedback for button presses
- Removable captive screw connectors allow for quick installation
- Supports the Extron Control App
- Includes black and white decorator-style wallplates and mud ring

**Model** | **Version Description** | **Part Number**
---|---|---
EBP 111 D | Decorator-Style, Black and White, 11 Button | 60-1087-01
EBP 104 EU
EBP 104 EU eBUS Button Panel with 4 Buttons - Flex55 and EU

The Extron EBP 104 EU eBUS® Button Panel is a fully-customizable AV system control interface for Extron eBUS-enabled control systems. This easy-to-use control panel connects to an IPCP Pro control processor to perform a wide variety of AV system functions such as display On/Off, input switching, volume control, and much more. The EBP 104 EU offers four dual-color, backlit buttons for easy operation in low-light environments. eBUS button panels are linked to the control processor and to each other using a single cable that carries both power and communication. For applications worldwide, the EBP 104 EU is compatible with Flex55 modules, mounting kits, and enclosures, as well as EU junction boxes.

FEATURES
• Fully customizable button panel integrates easily with an Extron Pro Series control system
• Four dual-color, customizable, backlit buttons
• Two eBUS® ports allow for quick system expansion and upgrades
• Compatible with all Extron IPCP Pro control processors
• Use a single button panel or combine multiple button panels to accommodate a broad variety of system designs
• eBUS button panels connect to the control processor and each other using a single cable that carries both power and communication
• DIP switches are used to set unique eBUS device addresses and minimize setup time
• eBUS diagnostic LED provides connection status for troubleshooting
• Built-in speakers provide audible feedback for button presses
• Removable captive screw connectors allow for quick installation
• Reset Button allows firmware to be reset to original factory settings.
• Support the Extron Control App

Model | Version Description | Part Number
--- | --- | ---
EBP 104 EU | Flex55 and EU, Black and White, 4 Button | 60-1672-31

EBP 105 EU and EBP 105P EU
EBP 105 EU and EBP 105P EU eBUS Button Panel with 5 Buttons - Flex55 and EU

The Extron EBP 105 EU and EBP 105P EU eBUS® Button Panels are fully-customizable AV system control interfaces for Extron eBUS-enabled control systems. These easy-to-use control panels connect to an IPCP Pro control processor to perform a wide variety of AV system functions such as display On/Off, input switching, volume control, and much more. Both button panels offer five customizable, soft-touch buttons that are backlit for easy operation in low-light environments. Two eBUS ports are available for easy system expansion. eBUS button panels are linked to the control processor and to each other using a single cable that carries both power and communication. For applications worldwide, all EBP EU versions are compatible with Flex55 modules, mounting kits, and enclosures.

FEATURES
• Five backlit, soft-touch buttons that can be customized using Extron’s Custom Button Builder
• Two eBUS® ports allow for quick system expansion and upgrades
• Compatible with all Extron IPCP Pro control processors
• Use a single button panel or combine multiple button panels to accommodate a broad variety of system designs
• eBUS button panels connect to the control processor and each other using a single cable that carries both power and communication
• DIP switches are used to set unique eBUS device addresses and minimize setup time
• eBUS diagnostic LED provides connection status for troubleshooting
• Built-in speakers provide audible feedback for button presses
• Removable captive screw connectors allow for quick installation
• Reset Button allows firmware to be reset to original factory settings.
• Support the Extron Control App

Model | Version Description | Part Number
--- | --- | ---
EBP 105 EU | Flex55 and EU, Black and White, 5 Button | 60-1085-31
EBP 105P EU | Flex55 and EU, Black and White, 5 Button | 60-1093-31
EBP 106 EU

**eBUS Button Panel with 6 Buttons - Flex55 and EU**

The Extron EBP 106 EU eBUS® Button Panel is a fully-customizable AV system control interface for Extron eBUS-enabled control systems. This easy-to-use control panel connects to IPCP Pro control processors to perform a wide variety of AV system functions such as display On/Off, input switching, volume control, and much more. The EBP 106 EU offers six customizable, soft-touch buttons that are backlit for easy operation in low-light environments. Two eBUS ports are available for easy system expansion. eBUS button panels are linked to the control processor and to each other using a single cable that carries both power and communication. For applications worldwide, the EBP 106 EU is compatible with Flex55 modules, mounting kits, and enclosures, as well as EU junction boxes.

**FEATURES**
- Fully customizable button panel integrates easily with an Extron Pro Series control system
- Compatible with Flex55 modules, mounting kits, and enclosures or EU junction boxes
- Six backlit, soft-touch buttons that can be customized using Extron's Custom Button Builder
- Two eBUS® ports allow for quick system expansion and upgrades
- Compatible with all Extron IPCP Pro control processors
- Use a single button panel or combine multiple button panels to accommodate a broad variety of system designs
- eBUS button panels connect to the control processor and each other using a single cable that carries both power and communication
- DIP switches are used to set unique eBUS device addresses and minimize setup time
- eBUS diagnostic LED provides connection status for troubleshooting
- Volume adjustment buttons with LED level indication
- Built-in speaker provides audible feedback for button presses
- Removable captive screw connectors allow for quick installation
- Activity LED indicates various states of the button panel
- Supports the Extron Control App

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<th>Model</th>
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<td>EBP 106 EU</td>
<td>Flex55 and EU Mount, Black and White, 6 Button</td>
<td>60-1084-31</td>
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</table>

EBP 108 EU

**eBUS Button Panel with 8 Buttons - Flex55 and EU**

The Extron EBP 108 EU eBUS® Button Panel is a fully-customizable AV system control interface for Extron eBUS-enabled control systems. This easy-to-use control panel connects to IPCP Pro control processors to perform a wide variety of AV system functions such as display On/Off, input switching, volume control, and much more. The EBP 108 EU offers eight customizable, soft-touch buttons that are backlit for easy operation in low-light environments. Two eBUS ports are available for easy system expansion. eBUS button panels are linked to the control processor and to each other using a single cable that carries both power and communication. For applications worldwide, the EBP 108 EU is compatible with Flex55 modules, mounting kits, and enclosures, as well as EU junction boxes.

**FEATURES**
- Fully customizable button panel integrates easily with an Extron Pro Series control system
- Compatible with Flex55 modules, mounting kits, and enclosures or EU junction boxes
- Eight backlit, soft-touch buttons that can be customized using Extron's Custom Button Builder
- Two eBUS® ports allow for quick system expansion and upgrades
- Compatible with all Extron IPCP Pro control processors
- Use a single button panel or combine multiple button panels to accommodate a broad variety of system designs
- eBUS button panels connect to the control processor and each other using a single cable that carries both power and communication
- DIP switches are used to set unique eBUS device addresses and minimize setup time
- eBUS diagnostic LED provides connection status for troubleshooting
- Volume adjustment buttons with LED level indication
- Built-in speaker provides audible feedback for button presses
- Removable captive screw connectors allow for quick installation
- Activity LED indicates various states of the button panel
- Supports the Extron Control App

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<tr>
<td>EBP 108 EU</td>
<td>Flex55 and EU, Black and White, 8 Button</td>
<td>60-1189-31</td>
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</table>
EBP 110 EU
EBUS Button Panel with 10 Buttons - Flex55 and EU

The Extron EBP 110 EU eBUS® Button Panel is a fully-customizable AV system control interface for Extron eBUS-enabled control systems. This easy-to-use control panel connects to IPCP Pro control processors to perform a wide variety of AV system functions such as display On/Off, input switching, volume control, and much more. The EBP 110 EU offers ten customizable, soft-touch buttons that are backlit for easy operation in low-light environments. Two eBUS ports are available for easy system expansion. eBUS button panels are linked to the control processor and to each other using a single cable that carries both power and communication. For applications worldwide, the EBP 110 EU is compatible with Flex55 modules, mounting kits, and enclosures, as well as EU junction boxes.

FEATURES
• Fully customizable button panel integrates easily with an Extron Pro Series control system
• Compatible with Flex55 modules, mounting kits, and enclosures or EU junction boxes
• Ten backlit, soft-touch buttons that can be customized using Extron’s Custom Button Builder

EBP VC1 EU
EBUS Button Panel with Volume Control - Flex 55 and EU

The Extron EBP VC1 EU eBUS® Button Panel is a fully-customizable AV system control interface for Extron eBUS-enabled control systems. This easy-to-use control panel connects to an IPCP Pro control processor and provides volume control within a room. It features a rotary volume control knob that provides smooth, precise volume levels and a dual color, illuminated soft touch button for muting. Five bright LEDs provide at-a-glance level indication of system volume levels. Two eBUS ports are available for easy system expansion. eBUS button panels are linked to the control processor and to each other using a single cable that carries both power and communication. For applications worldwide, the EBP VC1 EU is compatible with Flex55 modules, mounting kits, and enclosures, as well as EU junction boxes.

FEATURES
• Fully customizable button panel integrates easily with an Extron Pro Series control system
• Compatible with Flex55 modules, mounting kits, and enclosures or EU junction boxes
• One backlit, soft-touch button that can be customized using Extron’s Custom Button Builder

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<th>Model</th>
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<th>Part Number</th>
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<td>EBP VC1 EU</td>
<td>Flex55 and EU, Black and White, Vol Control ........ 60-1184-31</td>
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eBUS BUTTON PANELS – FLEX55 & EU

### EBP VC2 EU

**eBUS Button Panel with Dual Volume Control - Flex 55 and EU**

The Extron EBP VC2 EU eBUS® Button Panel is a fully-customizable AV system control interface for Extron eBUS-enabled control systems. This easy-to-use control panel connects to an IPCP Pro control processor to provide volume and microphone level controls. The EBP VC2 EU offers four customizable, soft-touch buttons that are backlit for easy operation in low-light environments. Bright LEDs provide at-a-glance level indication for both volume and microphone controls. Two eBUS ports are available for easy system expansion. eBUS button panels are linked to the control processor and to each other using a single cable that carries both power and communication. For applications worldwide, the EBP VC2 EU is compatible with Flex55 modules, mounting kits, and enclosures, as well as EU junction boxes.

**FEATURES**
- Fully customizable button panel integrates easily with an Extron Pro Series control system
- Compatible with Flex55 modules, mounting kits, and enclosures or EU junction boxes
- Four backlit, soft-touch buttons that can be customized using Extron's Custom Button Builder
- Two eBUS® ports allow for quick system expansion and upgrades
- Compatible with all Extron IPCP Pro control processors
- Use a single button panel or combine multiple button panels to accommodate a broad variety of system designs
- eBUS button panels connect to the control processor and each other using a single cable that carries both power and communication
- DIP switches are used to set unique eBUS device addresses and minimize setup time
- eBUS diagnostic LED provides connection status for troubleshooting
- Volume adjustment buttons with LED level indication
- Microphone adjustment buttons with LED level indication
- Built-in speaker provides audible feedback for button presses
- Removable captive screw connectors allow for quick installation
- Supports the Extron Control App
- Includes black and white EU wall frames and mounting bracket

<table>
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<tr>
<th>Model</th>
<th>Version Description</th>
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<tr>
<td>EBP VC2 EU</td>
<td>Flex55 and EU, Black and White, Dual Vol</td>
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</table>

### EBP NAV EU

**eBUS Button Panel with Transport Control - Flex 55 and EU**

The Extron EBP NAV EU eBUS® button panel is a fully-customizable AV system control interface for Extron eBUS-enabled control systems. This easy-to-use control panel connects to an IPCP Pro control processor to provide transport controls for video sources within a room. The EBP NAV EU offers customizable, soft-touch buttons that are backlit in low-light environments. Two eBUS ports are available for easy system expansion. eBUS button panels are linked to the control processor and to each other using a single cable that carries both power and communication. For applications worldwide, the EBP NAV EU is compatible with Flex55 modules, mounting kits, and enclosures, as well as EU junction boxes.

**FEATURES**
- Fully customizable button panel integrates easily with an Extron Pro Series control system
- Compatible with Flex55 modules, mounting kits, and enclosures or EU junction boxes
- Four backlit, soft-touch buttons provide easy, intuitive control of Blu-ray and DVD players, streaming video, and other media sources
- Two eBUS® ports allow for quick system expansion and upgrades
- Compatible with all Extron IPCP Pro control processors
- Use a single button panel or combine multiple button panels to accommodate a broad variety of system designs
- eBUS button panels connect to the control processor and each other using a single cable that carries both power and communication
- DIP switches are used to set unique eBUS device addresses and minimize setup time
- eBUS diagnostic LED provides connection status for troubleshooting
- Video transport controls
- Built-in speaker provides audible feedback for button presses
- Removable captive screw connectors allow for quick installation
- Supports the Extron Control App
- Includes black and white EU wall frames and mounting bracket

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<tr>
<td>EBP NAV EU</td>
<td>Flex55 and EU, Black and White, Transport Control</td>
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</table>
EBP 104 MK

**eBUS Button Panel with 4 Buttons - MK**

The Extron EBP 104 MK eBUS® Button Panel is a fully-customizable AV system control interface for Extron eBUS-enabled control systems. This easy-to-use control panel connects to an IPCP Pro control processor to perform a wide variety of AV system functions such as display On/Off, input switching, volume control, and much more. The EBP 104 MK offers four dual-color, backlit buttons for easy operation in low-light environments. eBUS button panels are linked to the control processor and to each other using a single cable that carries both power and communication. The EBP 104 MK mounts into one-gang MK boxes and enclosures for use in the UK, Middle East, Singapore and other regions using MK-type enclosures.

**FEATURES**
- Fully customizable button panel integrates easily with an Extron Pro Series control system
- Four dual-color, customizable, backlit buttons
- Two eBUS® ports allow for quick system expansion and upgrades
- Compatible with all Extron IPCP Pro control processors
- Use a single button panel or combine multiple button panels to accommodate a broad variety of system designs
- eBUS button panels connect to the control processor and each other using a single cable that carries both power and communication

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<td>EBP 104 MK</td>
<td>MK Mount, White, 4 Button</td>
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EBP 105 MK and EBP 105P MK

**eBUS Button Panel with 5 Buttons - MK**

The Extron EBP 105 MK and EBP 105P MK eBUS® Button Panels are fully-customizable AV system control interfaces for Extron eBUS-enabled control systems. These easy-to-use control panels connect to an IPCP Pro control processor to perform a wide variety of AV system functions such as display On/Off, input switching, and more. Both button panels offer five customizable, soft-touch buttons that are backlit for easy operation in low-light environments. Two eBUS ports are available for easy system expansion. eBUS button panels are linked to the control processor and to each other using a single cable that carries both power and communication. The EBP 105 MK and EBP 105P MK mount into one-gang MK boxes and enclosures for use in the UK, Middle East, Singapore and other regions using MK-type enclosures.

**FEATURES**
- Fully customizable button panels integrate easily with Extron Pro Series control systems
- Five backlit, soft-touch buttons that can be customized using Extron’s Custom Button Builder
- Two eBUS® ports allow for quick system expansion and upgrades
- Compatible with all Extron IPCP Pro control processors
- Use a single button panel or combine multiple button panels to accommodate a broad variety of system designs
- eBUS button panels connect to the control processor and each other using a single cable that carries both power and communication
- DIP switches are used to set unique eBUS device addresses and minimize setup time
- eBUS diagnostic LED provides connection status for troubleshooting
- Built-in speaker provides audible feedback for button presses
- Removable captive screw connectors allow for quick installation
- Reset button allows firmware to be reset to original factory settings
- Support the Extron Control App
- Designed to mount into one-gang MK boxes and enclosures for use in the UK, Middle East, Singapore and other regions using MK-type enclosure
- Include white MK wall frame and mounting bracket

<table>
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<th>Model</th>
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<td>EBP 105P MK</td>
<td>MK Mount, White, 5 Button</td>
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EBP 106 MK

**eBUS Button Panel with 6 Buttons - MK**

The Extron EBP 106 MK eBUS® Button Panel is a fully-customizable user interface for Extron eBUS-enabled control systems. This easy-to-use interface connects to an IPCP Pro control processor to perform a wide variety of AV functions, such as display On/Off, input switching, volume control, and much more. The EBP 106 MK offers six customizable, soft-touch buttons that are backlit for low-light environments. In addition, two eBUS ports are available for easy system expansion. The EBP 106 MK mounts into one-gang MK boxes and enclosures for use in the UK, Middle East, Singapore and other regions using MK-type enclosures.

**FEATURES**

- Fully customizable button panel integrates easily with an Extron Pro Series control system
- Six backlit, soft-touch buttons that can be customized using Extron’s Custom Button Builder
- Two eBUS® ports allow for quick system expansion and upgrades
- Compatible with all Extron IPCP Pro control processors

**Model** | **Version Description** | **Part Number**
--- | --- | ---
EBP 106 MK | MK Mount, White, 6 Button | 60-1084-23

EBP 108 MK

**eBUS Button Panel with 8 Buttons - MK**

The Extron EBP 108 MK eBUS® Button Panel is a fully-customizable user interface for Extron eBUS-enabled control systems. This easy-to-use interface connects to an IPCP Pro control processor to perform a wide variety of AV functions, such as display On/Off, input switching, volume control, and much more. The EBP 108 MK offers eight customizable, soft-touch buttons that are backlit for low-light environments. In addition, two eBUS ports are available for easy system expansion. The EBP 108 MK mounts into one-gang MK boxes and enclosures for use in the UK, Middle East, Singapore and other regions using MK-type enclosures.

**FEATURES**

- Fully customizable button panel integrates easily with an Extron Pro Series control system
- Eight backlit, soft-touch buttons that can be customized using Extron’s Custom Button Builder
- Two eBUS® ports allow for quick system expansion and upgrades
- Compatible with all Extron IPCP Pro control processors

**Model** | **Version Description** | **Part Number**
--- | --- | ---
EBP 108 MK | MK Mount, White, 8 Button | 60-1189-23
EBP 110 MK
EBP 110 MK eBUS® Button Panel with 10 Buttons - MK

The Extron EBP 110 MK eBUS® Button Panel is a fully-customizable user interface for Extron eBUS-enabled control systems. This easy-to-use interface connects to an IPCP Pro control processor to perform a wide variety of AV functions, such as display On/Off, input switching, volume control, and much more. The EBP 110 MK offers ten customizable, soft-touch buttons that are backlit for low-light environments. In addition, two eBUS ports are available for easy system expansion. The EBP 110 MK mounts into one-gang MK boxes and enclosures for use in the UK, Middle East, Singapore and other regions using MK-type enclosures.

FEATURES
• Fully customizable button panel integrates easily with an Extron Pro Series control system
• Ten backlit, soft-touch buttons that can be customized using Extron's Custom Button Builder
• Two eBUS® ports allow for quick system expansion and upgrades
• Compatible with all Extron IPCP Pro control processors
• Use a single button panel or combine multiple button panels to accommodate a broad variety of system designs
• eBUS button panels connect to the control processor and each other using a single cable that carries both power and communication
• DIP switches are used to set unique eBUS device addresses and minimize setup time
• eBUS diagnostic LED provides connection status for troubleshooting
• Built-in speaker provides audible feedback for button presses
• Removable captive screw connectors allow for quick installation
• Supports the Extron Control App
• Includes white MK wall frame and mounting bracket

Model | Version Description | Part Number
--- | --- | ---
EBP 110 MK | MK Mount, White, 10 Button | 60-1190-23

EBP VC1 MK
EBP VC1 MK eBUS® Button Panel with Volume Control - MK

The Extron EBP VC1 MK eBUS® Button Panel is a fully-customizable AV system control interface for Extron eBUS-enabled control systems. This easy-to-use control panel connects to an IPCP Pro control processor and provides volume control within a room. It features a rotary volume control knob that provides smooth, precise volume levels and a dual color, illuminated soft touch button for muting. Five bright LEDs provide at-a-glance level indication of system volume levels. Two eBUS ports are available for easy system expansion. eBUS button panels are linked to the control processor and to each other using a single cable that carries both power and communication. The EBP VC1 MK mounts into one-gang MK boxes and enclosures for use in the UK, Middle East, Singapore and other regions using MK-type enclosures.

FEATURES
• Fully customizable button panel integrates easily with an Extron Pro Series control system
• One backlit, soft-touch button that can be customized using Extron’s Custom Button Builder
• Two eBUS® ports allow for quick system expansion and upgrades
• Compatible with all Extron IPCP Pro control processors
• Use a single button panel or combine multiple button panels to accommodate a broad variety of system designs
• eBUS button panels connect to the control processor and each other using a single cable that carries both power and communication
• DIP switches are used to set unique eBUS device addresses and minimize setup time
• Dual-color, illuminated mute button
• eBUS diagnostic LED provides connection status for troubleshooting
• Volume adjustment knob with LED level indication
• Built-in speaker provides audible feedback for button presses
• Removable captive screw connectors allow for quick installation
• Supports the Extron Control App
• Designed to mount into one-gang MK boxes and enclosures for use in the UK, Middle East, Singapore and other regions using MK-type enclosure
• Includes white MK wall frame and mounting bracket

Model | Version Description | Part Number
--- | --- | ---
EBP VC1 MK | MK Mount, White, Vol Control | 60-1184-23
EBP VC2 MK

eBUS Button Panel with Dual Volume Control - MK

The Extron EBP VC2 MK eBUS® Button Panel is a fully-customizable AV system control interface for Extron eBUS-enabled control systems. This easy-to-use control panel connects to an IPCP Pro control processor to provide volume and microphone level controls. The EBP VC2 MK offers four customizable, soft-touch buttons that are backlit for easy operation in low-light environments. Bright LEDs provide at-a-glance level indication for both volume and microphone controls. Two eBUS ports are available for easy system expansion. eBUS button panels are linked to the control processor and to each other using a single cable that carries both power and communication. The EBP VC2 MK mounts into two-gang MK boxes and enclosures for use in the UK, Middle East, Singapore and other regions using MK-type enclosures.

FEATURES
- Fully customizable button panel integrates easily with an Extron Pro Series control system
- Four backlit, soft-touch button that can be customized using Extron’s Custom Button Builder
- Two eBUS® ports allow for quick system expansion and upgrades
- Compatible with all Extron IPCP Pro control processors
- Use a single button panel or combine multiple button panels to accommodate a broad variety of system designs
- eBUS button panels connect to the control processor and each other using a single cable that carries both power and communication
- Volume adjustment buttons with LED level indication
- Microphone adjustment buttons with LED level indication
- DIP switches are used to set unique eBUS device addresses and minimize setup time
- eBUS diagnostic LED provides connection status for troubleshooting
- Built-in speaker provides audible feedback for button presses
- Removable captive screw connectors allow for quick installation
- Supports the Extron Control App
- Includes white MK wall frame and mounting bracket

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<tr>
<th>Model</th>
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<th>Part Number</th>
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<tr>
<td>EBP VC2 MK</td>
<td>MK Mount, White, Dual Vol…………………..</td>
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EBP NAV MK

eBUS Button Panel with Transport Control - MK

The Extron EBP NAV MK eBUS® button panel is a fully-customizable AV system control interface for Extron eBUS-enabled control systems. This easy-to-use control panel connects to an IPCP Pro control processor to provide transport controls for video sources within a room. The EBP NAV MK offers customizable, soft-touch buttons that are backlit in low-light environments. Two eBUS ports are available for easy system expansion. eBUS button panels are linked to the control processor and to each other using a single cable that carries both power and communication. The EBP NAV MK mounts into one-gang MK boxes and enclosures for use in the UK, Middle East, Singapore, and other regions using MK-type enclosures.

FEATURES
- Fully customizable button panel integrates easily with an Extron Pro Series control system
- Fourteen backlit, soft-touch buttons provide easy, intuitive control of Blu-ray and DVD players, streaming video, and other media sources
- Two eBUS® ports allow for quick system expansion and upgrades
- Compatible with all Extron IPCP Pro control processors
- Use a single button panel or combine multiple button panels to accommodate a broad variety of system designs
- eBUS button panels connect to the control processor and each other using a single cable that carries both power and communication
- DIP switches are used to set unique eBUS device addresses and minimize setup time
- eBUS diagnostic LED provides connection status for troubleshooting
- Video transport controls
- Built-in speaker provides audible feedback for button presses
- Removable captive screw connectors allow for quick installation
- Supports the Extron Control App
- Includes white MK wall frame and mounting bracket

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<tr>
<th>Model</th>
<th>Version Description</th>
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<tbody>
<tr>
<td>EBP NAV MK</td>
<td>MK Mount, White, Transport Control………..</td>
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EBP 1200C
Cable Cubby Enclosure with eBUS Button Panel

The Extron EBP 1200C is a furniture-mountable Cable Cubby enclosure with an eBUS button panel integrated into the lid. It conveniently combines intuitive AV control, connectivity, and power, and works with all eBUS-enabled control systems. It connects to an IPCP Pro control processor to perform a variety of AV system functions such as display On/Off, input switching, volume control, and much more. The flip-up button panel has ten customizable, soft-touch buttons that are backlit for easy operation in low-light environments. The cable access enclosure supports up to three single-space AAPs, eight AV cables, and up to three Extron Retractors. The EBP 1200C enables integrators to deploy a contemporary, furniture-mountable eBUS button panel with cable management and easy access to AV connectivity and power.

FEATURES
- Fully customizable button panel integrates easily with an Extron Pro Series control system
- Two eBUS® ports allow for quick system expansion and upgrades
- Combine multiple eBUS panels to accommodate a broad variety of system designs
- eBUS button panels connect to the control processor and each other using a single cable that carries both power and communication
- Cable Cubby 1200 design offers easy access to AV, data, and power connections
- Ten backlit, soft-touch buttons that can be customized using Extron’s Custom Button Builder
- Available in black anodized aluminum finish

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<tr>
<th>Model</th>
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<td>EBP 1200C</td>
<td>eBUS Cable Cubby - Black, AC Module Not Included</td>
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ECM DIO8
eBUS Digital I/O Control Module

The Extron ECM DIO8 is a compact digital I/O control module for Extron eBUS-enabled control systems. This easy-to-use control module connects to an IPCP Pro control processor to interface with a variety of I/O devices, including sensors and contact closure buttons. The ECM DIO8 offers eight software selectable digital I/O ports and a 24 VDC output to provide power to a sensor. For convenient integration, eBUS control modules are linked to the control processor or to other eBUS devices using a single cable that carries both power and communication. The ECM DIO8 mounts in a US single gang, Flex55, EU, or MK enclosure or can be mounted to any flat surface with the included dual-lock fastener.

FEATURES
- Eight digital I/O ports
- 24V output
- eBUS port
- DIP switches are used to set unique eBUS device addresses and minimize setup time
- eBUS diagnostic LED provides connection status for troubleshooting
- Compatible with all IPCP Pro control processors

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<tr>
<th>Model</th>
<th>Version Description</th>
<th>Part Number</th>
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<tr>
<td>ECM DIO8</td>
<td>Eight Digital I/O Ports</td>
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**EBDB**

**eBUS Distribution Hub**

The Extron EBDB is an eBUS® distribution hub that reduces cable runs by providing a convenient connection point for eBUS wiring infrastructure. The EBDB is the ideal choice for larger or more complex control systems that require a more elaborate cabling infrastructure. A front panel status LED indicates when power is present on one of the 10 eBUS distribution ports. All ports are connected in parallel, allowing each port to act as an input or an output for eBUS communication. The compact 1U, one-quarter rack width enclosure can be quickly and securely mounted to rack rails, tables, lecterns, and other small spaces.

**FEATURES**

- Ten parallel eBUS® ports provide a common connection point for multiple eBUS devices
- Front panel status LED indicates when power is present on one of the 10 eBUS distribution ports
- Compact plastic enclosure with ZipClip™ 200 mounting capability
- Compact, 1U enclosure can be easily mounted on a desk, in a podium, in a rack, or under furniture
- Mounts directly to Extron basic and universal rack shelf products or a variety of surfaces, including rack rails, tables, lecterns, projector poles, and table legs

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<tr>
<th>Model</th>
<th>Version Description</th>
<th>Part Number</th>
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<tbody>
<tr>
<td>EBDB</td>
<td>10 eBUS Ports</td>
<td>60-1170-01</td>
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**EBDB MINI**

**Mini eBUS Distribution Hub**

The Extron EBDB MINI is an eBUS® distribution hub that reduces cable runs by providing a convenient connection point for eBUS wiring infrastructure. The EBDB MINI is the ideal choice for small to medium sized eBUS control systems that require a more elaborate cabling infrastructure. A front panel status LED indicates when power is present on one of the four eBUS distribution ports. All ports are connected in parallel, allowing each port to act as an input or an output for eBUS communication. The ultra-compact enclosure can be quickly and securely mounted to rack rails, tables, lecterns, and other small spaces.

**FEATURES**

- Four parallel eBUS® ports provide a common connection point for multiple eBUS devices
- Front panel status LED indicates when power is present on one of the four eBUS distribution ports
- Ultra-Compact 2”x2” enclosure can be easily mounted on a desk, in a podium, in a rack, or under furniture

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<tr>
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<th>Version Description</th>
<th>Part Number</th>
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<tr>
<td>EBDB MINI</td>
<td>Four eBUS Ports</td>
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**PS 1220EB**

**eBUS 12 VDC Power Supply and Distribution Hub**

The Extron PS 1220EB is a 12 volt, 24 watt, rack mountable eBUS® power supply and distribution hub. The PS 1220EB provides additional power for larger or more complex control systems and reduces cable runs by providing a convenient connectivity point for eBUS devices. There are six parallel and interchangeable eBUS distribution ports, which allows each port to act as an input or an output port. In addition, each port provides 12 VDC of power to connected eBUS devices. The PS 1220EB is housed in a compact enclosure that can be quickly and securely mounted to rack rails, tables, and lecterns. The compact 1U, one-quarter rack width enclosure enables it to be installed in small spaces while providing maximum eBUS connectivity.

**FEATURES**

- Six parallel eBUS® ports provide power and connections for multiple eBUS devices
- Energy-efficient 12 VDC, 24 watt power supply for low power consumption and reduced operating costs
- Plastic enclosure with ZipClip™ 200 mounting capability
- Compact, rack-mountable 1U, one-quarter rack width enclosure requires little desktop or rack space
- Mounts directly to Extron basic and universal rack shelf products or a variety of surfaces, including rack rails, tables, lecterns, projector poles, and table legs
- Extron designed and engineered for increased durability and reliability

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<tr>
<th>Model</th>
<th>Version Description</th>
<th>Part Number</th>
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<tbody>
<tr>
<td>PS 1220EB</td>
<td>Power and Six eBUS Ports</td>
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Extron Authorized Programmer Certification

Learn Global Scripter and ControlScript to Design Powerful, Programmable Control Systems

Extron Authorized Programmer – EAP is an Extron Control Systems Certification program designed for AV professionals who will use Global Scripter to deploy and maintain programmable Extron control systems. In EAP, you will learn how to develop a programmable framework, using Python which is the easy-to-learn scripting language upon which our programming is based.

EAP certification enables access to all features of Global Scripter, Extron’s Integrated Development Environment, as well as the ControlScript Python library. EAP certification focuses on best practices for designing programmable control systems and ensuring optimal system performance, troubleshooting techniques, as well as methodologies for implementing and developing reusable program modules. Experience an informative and feature-packed training designed exclusively for control system programmers.

Audience
This program is ideal for EQIP – Extron Qualified Independent Programmers, as well as control system programmers who have prior programming knowledge and understand the complexities of more sophisticated systems. A background of 2-5 years of AV control system design, programming, and installation experience is recommended.

Delivery Method
EAP is available through instructor-led training. To achieve certification, students must also pass an Extron-proctored exam.

Course Content
EAP is a four-day course that consists of the following general categories:

- Utilize the Extron ControlScript Library to understand and implement objects and tools added to Python
- Apply best practices and troubleshooting techniques to ensure optimum system performance
- Develop and implement reusable modules for control system programs

Learn More

To find out more about the Extron Authorized Programmer Certification, contact your Extron S3 Customer Support Representative.
Extron Qualified Independent Programmer

EQIP Program
The EQIP program is designed to provide additional configuration and programming resources to customers deploying Extron Pro Series control systems. Extron Qualified Independent Programming companies are carefully screened and selected by Extron to provide expert configuration and programming support for control system projects. Extron customers may employ EQIP companies to augment their staff, execute projects, and provide options to configure more advanced AV systems. EQIP companies have access to a variety of Extron resources, including Web-based tools, continuing education, and control system training.

Benefits of EQIP for Extron Customers
- Extron project referrals ensure configurations and programs are provided by a trusted, local company
- EQIP companies employ individuals who are certified to work with Extron Pro Series Control Systems
- EQIP companies meet strict business standards and have reputations as experienced, dependable service providers
- Configuration and programming services are available on a project-by-project basis, so customers can use EQIP companies and certified personnel without adding permanent staff
- Complete more projects by leveraging EQIP companies nationwide

Extron S3 – Service, Support, Solutions
Extron stands alone in the AV industry with our dedicated support services, from initial design to system commissioning and maintenance. With offices around the globe, Extron is able to provide full-service support to customers worldwide. Extron’s global presence enables convenient access to assistance with product or application questions, technical support, and system design advice, as well as industry-leading training and education on the latest technologies and product developments.
As a leading manufacturer in the AV industry, we are committed to engineering and manufacturing our products to the highest standards of quality, performance, and value. From our advanced product design, manufacturing and quality control procedures to our friendly and knowledgeable support teams, our commitment to satisfy you is paramount. In every interaction with Extron, you can be confident you will receive our S3 commitment to Service, Support, and Solutions. For 35 years, our objective has been to ensure that every customer is completely satisfied with every purchase.

To underscore this commitment, we offer our Satisfaction Guarantee. This means we will work diligently to resolve any issue you have with your purchase until you are completely satisfied. Extron employees are prepared to do whatever it takes to make certain that the entire process of doing business with us is a positive and professionally rewarding experience for you.

I’m so confident in our ability to deliver on this pledge that I back it personally. If you are not satisfied with any part of your transaction with Extron, I want to know. Please contact me at president@extron.com. I will personally address any unresolved customer issue. We greatly appreciate your business. It is our intent to keep you as a customer for life.

Andrew C. Edwards
President