



2024 NEW PRODUCTS

FIRST EDITION



Extron
40 YEARS





Extron

Celebrating 40 Years of Service, Support, and Solutions

As the leading provider of innovative service, support, and solutions to the Pro AV industry, Extron is delighted to celebrate 40 years of growth and success. Having started with a single problem-solving computer-video interface in 1983, we now make over 5,000 products. Our technologies are enhancing the experiences of millions of people around the globe every day.

We have achieved this milestone thanks to our talented and dedicated employees, our loyal customers, and our unflinching adherence to the principles set forth by our founder, Andrew Edwards.

Looking Back with Gratitude

Our Employees - Our employees are our greatest asset and we wouldn't be where we are today without their outstanding skills and hard work. At every level in every department, they put forth the efforts required to develop and support our exceptional technology solutions which have helped drive Extron to new heights of success.

Our Customers - Our customers are at the heart of everything we do. We are grateful for the consultants, integrators, programmers, and end-users who have partnered with us over the years. We remain dedicated to providing the best customer experience possible, as well as products that provide the highest level of performance, dependability, and value.





The Future is Bright

As we look forward into the future, we see opportunities to continue to be innovative - to develop the right products for our customers and to provide the service and support they need to be successful. As new technologies arise, we see opportunities to provide solutions that meet the needs of an ever-changing world.

Core Technologies for the Enterprise

As organizations transform to meet new challenges, they need flexible technology that positions them to thrive in a competitive environment. To support enterprise goals, that technology must be reliable, high-performance, energy-efficient, expandable, network-connected, secure, and future-friendly.

Smart Technologies

To enhance user experiences, system operation must be intuitive and automate as many processes as possible. Network connected hardware working in concert with flexible configuration, deployment and asset management tools empowers technology managers to deploy and support AV technologies at scale throughout the enterprise.

Technologies to Support Sustainability

As sustainability becomes increasingly imperative, organizations are finding that thoughtfully designed technology can be used to support their goals. We are designing products that help to save energy, money, and precious resources while enabling users to improve productivity and efficiency.



“Extron grew up alongside the AV industry. For four decades, we've seen the evolution of technologies that completely reshaped how people communicate, and we're proud of the leading role we play in developing innovations that drive the industry forward. As we continue developing core technologies for the enterprise, I'm very excited for the road ahead.”

Brian Taraci, CEO / CTO

[Explore Extron's 40 Years of Industry Leadership](#)



NAV PRO AVoIP



The Best Just Got Better

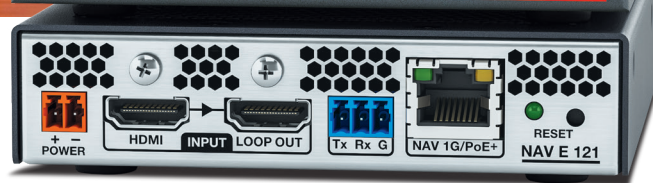
We are excited to introduce the latest evolution of the NAV PURE3[®] codec. PURE3 offers improved network resiliency; able to tolerate the bursty network traffic found on converged networks. Competitors rely on delicate third-party codecs that fail when exposed to unpredictable network traffic. Those codecs require costly isolated networks, but PURE3 is the **ONLY** codec designed for the Pro AV industry that delivers robust, pristine video on converged or isolated networks. PURE3 provides the freedom to choose the network architecture that is right for you. Experience flawless AV over IP by specifying NAV powered by PURE3 in your next Pro AV over IP design.

NAV Features

- NEW** PURE3[®] codec delivers improved network resiliency. The patented PURE3 codec delivers lossless 4K/60 4:4:4 video with ultra-low latency and efficient bit rates. PURE3 tolerates the bursty network traffic found on converged networks. It is the **ONLY** codec designed for the Pro AV industry that delivers robust, pristine video on converged or isolated networks.
- NEW** PURE3[®] Intelligent Selective Streaming reduces the bandwidth during periods of low motion video content to achieve extremely low bitrates while maintaining lossless video performance, allowing more streams over converged networks without sacrificing video quality.
- NEW** NAVigator Commissioning Report saves time and money while creating an accurate record of the NAVigator and all NAV endpoint settings and status in just seconds.
- NEW** NAVigator Confidence Preview enables viewing of the content from any NAV encoder or decoder in the NAVigator or endpoint browser interface.
- NEW** Expanded AES67 capabilities transmit or receive an AES67 audio stream for compatibility with Extron and third-party DSP processors.
- NEW** KVM Workstation supports eight displays per workstation to meet all your workstation needs.
- NEW** KVM Focus is available to highlight the active display.

To learn more, visit extron.com/NAV

NAVE 121



18 Gbps
4K/60 4:4:4

Compact, Economical NAV Encoder

The NAV E 121 is a compact Pro AV over IP encoder that streams ultra-low latency, high quality HDMI video and audio over a standard 1 Gbps copper Ethernet interface. Using the Extron patented PURE3[®] codec, the NAV[®] Series delivers groundbreaking performance with real-time, lossless video at resolutions up to 4K @ 60 Hz with 4:4:4 chroma sampling. The NAV E 121 is compatible with all NAV 1G scaling decoders, increasing the flexibility and scalability for large deployments. Support for embedded digital HDMI and AES67 audio over IP facilitates flexible integration with DMP Plus DSPs or other IP-enabled audio components. Purpose-built to support demanding professional AV applications, the highly scalable and powerful NAV platform enables secure deployment of AV signals to thousands of endpoints.

Features:

- Compact and economical HDMI video and audio encoding, distribution, and switching over 1 Gbps networks
- Stream visually lossless 4K/60 video @ 4:4:4 with ultra-low latency
- HDMI loop out for a local display or confidence monitoring
- Confidence Preview of the video is available in either the endpoint or NAVigator web page
- Configurable Power Priority selects PoE or line power priority

NOW SHIPPING

Model

NAV E 121

Version Description

1G Pro AV over IP Compact Encoder - HDMI

Part Number

60-2040-01

To learn more, visit extron.com/nave121

UCS 303



10Gbps USB

USB
60W

21.6 Gbps
DP Alt Mode

The Ultimate USB-C Switcher for Collaboration

The UCS 303 is a powerful collaboration and presentation switcher designed to meet the unique needs of unified communications meeting spaces. Three inputs support connection of USB-C, HDMI, and DisplayPort sources, while five USB device ports connect to peripherals such as USB cameras and microphones at data rates up to USB 10 Gbps. The USB-C input supports video/audio, USB data, and also provides 60 watts of power to charge a user's laptop computer. With the UCS 303, your meeting space can integrate your room's USB cameras and microphones with users' portable laptops into Teams®, Zoom™, or other UC meetings. Small meeting spaces will benefit from UCS 303 support of TeamWork® Show Me® cables and retractors, which places control at users' fingertips.

Features:

- Switches up to three AV sources to a display and up to five USB devices between the AV sources
- Supports computer and video resolutions up to 4K/60 @ 4:4:4
- Provides USB device connections up to USB 10 Gbps
- Provides up to 60 watts of power to a USB-C source
- Auto-input switching
- Display control options including RS-232 and CEC over HDMI

Supported UC Platforms

The UCS 303 can be used with these popular software and cloud based communications platforms and more.



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Model	Version Description	Part Number
UCS 303	3x1 4K/60 Collaboration and Presentation Switcher.....	60-1797-01

To learn more, visit extron.com/ucs303

USB

UCS 601
Pro 4K USB-C 10G Dock

The UCS 601 is a Pro 4K USB-C dock that connects a USB-C laptop to an HDMI display and USB devices for use in Unified Communications spaces. The USB-C input provides video/audio, USB data, and 60 watts of power from an internal power supply. Three USB peripheral connections support USB cameras or microphones. The HDMI output supports resolutions up to 4K and USB devices connect at rates up to USB 10 Gbps. The unit can be mounted within furniture or under a table using the included ZipClip 200 mounting accessory. The compact one-quarter rack width 1" (2.5 cm) high metal enclosure can also be mounted in an equipment rack using an optional rack mounting shelf. The UCS 601 4K USB-C Dock is ideal for Teams® and Zoom™ meetings in collaboration spaces wherever a full-featured Pro AV docking solution is needed.

FEATURES

- Connects USB-C® laptops to AV USB peripheral devices and a display
- Single connection for video, USB data, and power for USB-C source devices
- Supports computer and video resolutions up to 4K/60 @ 4:4:4
- Provides USB device connections up to USB 10 Gbps
- Provides up to 60 watts of power to the USB-C source
- Patented ZipClip® 200 mounting kit included

Model	Version Description	Part Number
UCS 601	Pro 4K USB-C 10G Dock	60-2042-01



4K UHD

21.6 Gbps
DP Alt Mode

10Gbps USB

60W

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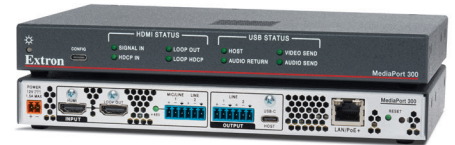
MediaPort 300
4K HDMI and Audio to USB Scaling Bridge

The Extron MediaPort 300 is a 4K HDMI to USB bridge for integrating Pro AV systems with software codec conferencing applications. It works seamlessly with a computer using generic USB video and audio drivers. The MediaPort 300 features an HDMI input with HDCP-compliant loop through, accepts signals up to 4K/60, and scales video up to USB 5 Gbps output rates. Audio features include program and mic inputs, HDMI audio de-embedding, USB bidirectional audio, and line-level outputs. The MediaPort 300 also features audio mixing as well as level and mute controls. This enables it to serve as a soft codec interface, giving it the flexibility to integrate into larger hardware codec or DSP systems. The MediaPort 300 facilitates easy integration of conferencing computers into pro AV designs.

FEATURES

- Seamlessly integrates Pro AV systems and sources into software codec applications
- HDMI input supports computer and video resolutions up to 4K/60
- Video scaling provides USB output up to 4K/30 to match common software codec requirements
- Device connections up to USB 5 Gbps using generic USB drivers for universal compatibility
- Integrated audio mixing, level, and mute control
- Mic/line input with 48 volt phantom power

Model	Version Description	Part Number
MediaPort 300	4K HDMI and Audio to USB Scaling Bridge	60-1873-01



4K UHD

5Gbps USB

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For updated product availability, go to www.extron.com

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USB

SW USB Pro Series

Two and Four Input USB 10G Switchers

The Extron SW2 USB Pro and SW4 USB Pro are two- and four-input USB switchers that facilitate USB 3.2 compatible switching between multiple host devices and multiple USB peripherals. They provide integrator-friendly solutions for USB-C and Thunderbolt hosts and peripherals with data rates up to 10 Gbps. HID peripheral ports support hotkey input switching via a connected keyboard. SW USB Pro switchers also support auto and manual host and peripheral switching and control via RS-232 or Ethernet. They feature Host and Peripheral Emulation Mode, which provides "keep alive" functionality by continuously mimicking host and keyboard/mouse communications within the switcher. This emulation eliminates the need for enumeration and reduces the chance of failed device communications throughout the switching process.

FEATURES

- USB 10 Gbps and USB 5 Gbps compatible
- Four port output hub with USB-C and Type A connections
- Hot Key, Auto, and manual switching capability
- Supports selectable Host and Peripheral emulation
- Front panel selection buttons and status indicators
- RS-232 and Ethernet control



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Model	Version Description	Part Number
SW2 USB Pro	Two Input USB 10G Switcher	60-1833-01
SW4 USB Pro	Four Input USB 10G Switcher	60-1834-01

USBC Pro SM

Show Me Cable for TeamWork Collaboration Systems

The Extron USBC Pro SM cables deliver video, audio, data, and power between USB-C® devices in collaborative environments. When used with a compatible switcher, the cable's 'share' button sends the connected source signals to the presentation display. USBC Pro SM cables support resolutions up to 4K/30 and USB data rates up to 5 Gbps. Each cable delivers up to 60 watts of power for device charging and features a 24" (60 cm) control/tally pigtail for easy connection to a switcher. Also available are USBC-HDMI SM and USBC-DisplayPort SM cables. Certified for use in Extron AVEdge™ and Cable Cubby® enclosures, these Show Me® cables are available in lengths up to 12' (3.6 m).

FEATURES

- Provides the user interface in a TeamWork® collaboration system
- Share button switches the connected source to the presentation display
- Supports two DisplayPort lanes
- Supports computer and video resolutions up to 4K/30
- Supports USB data rates up to 5 Gbps
- USB 3 compliant
- Delivers up to 60 W of power
- Available in lengths up to 12' (3.6 m)
- Provides a 24" (60 cm) control/tally pigtail for ease of installation



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Model	Version Description	Part Number
USBC-HDMI SM	USB-C to HDMI SM Cable, 6' (1.8 m)	26-733-06
USBC-HDMI SM	USB-C to HDMI SM Cable, 12' (3.6 m)	26-733-12
USBC-DP SM	USB-C to DP SM Cable, 6' (1.8 m)	26-734-06
USBC-DP SM	USB-C to DP SM Cable, 12' (3.6 m)	26-734-12
USBC Pro SM	USBC Pro SM Cable, 9' (2.7 m)	26-746-09
USBC Pro SM	USBC Pro SM Cable, 12' (3.6 m)	26-746-12

USB

USBC Pro Series

USB-C® 5 Gbps Optical Cables with 4K/30 Video and 60 W Power Delivery

The Extron USBC Pro Series of active, hybrid optical-copper USB-C® cables simultaneously transmits USB data up to 5 Gbps, DisplayPort AV, and power over distances up to 30 feet. The cables are also compatible with previous USB standards. These full-featured cables support 4K/30 video and audio on two DisplayPort lanes. In addition, these cables support bidirectional USB Power Delivery of up to 60 watts. The ultra-flexible, 0.26" (6.5 mm) thin diameter and narrow bend radius cable construction allow for installation in tight spaces. These active cables are unidirectional and can draw power from either connected USB device. The USBC Pro Series cables are ideal for transmitting data at USB rates of 5 Gbps.

FEATURES

- Supports USB data rates up to 5 Gbps
- USB Power Delivery up to 60 watts
- Transmits 4K/30 DisplayPort video and embedded audio signals
- **NEW** Multi-Stream Transport - MST support
- Ultra-flexible, ultra-thin 0.26" (6.5 mm) diameter cable
- No external power is needed
- Highly resistant to EMI/RFI Interference
- Gold-plated contacts
- Color-coded and labeled ends
- Backwards compatible with previous USB standards
- Available in lengths from 12 feet to 30 feet (3.6 meters to 9.1 meters)



USBC Pro/15



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Model	Version Description	Part Number
USBC Pro/12	12' (3.6 m).....	26-741-12
USBC Pro/15	15' (4.5 m).....	26-741-15
USBC Pro/25	25' (7.6 m).....	26-741-25
USBC Pro/30	30' (9.1 m).....	26-741-30

LockIt

Cable Lacing Bracket for USB and HDMI

The Extron LockIt® is a cable lacing bracket for securing USB-C® and HDMI cables to a product's connectors. LockIt reduces the stress on the connectors and prevents intermittent or complete signal loss due to a loose cable connection. Its compact design allows for easy installation with most USB-C or HDMI cables and devices, including in space-constrained areas where the connectors are stacked. The LockIt lacing bracket can be used when installing new USB-C or HDMI cables or as a retrofit to secure previously installed cables. LockIt comes with tie wraps and is available in packages of 50.

FEATURES

- Locks the cable to USB-C or HDMI-equipped devices
- Works with most USB-C and HDMI cables and devices
- Ideal for use with single or stacked connectors
- Guide posts prevent tie wrap from slipping
- Recessed lacing grooves secure the tie wrap
- Included accessory with Extron USB-C and HDMI-powered products
- Sold in packages of 50
- Zip ties included



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Model	Version Description	Part Number
LockIt	Cable Lacing Bracket; Package of 50.....	101-020-01

For updated product availability, go to www.extron.com

ConferenceShare



Connect to USB Cameras Wirelessly with ShareLink Pro

As hybrid environments become more common, seamlessly integrating local room cameras and microphones into Unified Communications meetings has become imperative. ConferenceShare™ offers a solution by effortlessly sharing video and audio captured by in-room USB devices with Windows or macOS laptops during Teams or Zoom meetings. With ConferenceShare enabled on their laptops, users gain access to USB devices connected to the ShareLink Pro Wired and Wireless Presentation System, simplifying the process of incorporating in-room resources in remote meetings. Experience the convenience of wireless integration with ConferenceShare and ShareLink Pro, making in-room USB devices readily available for enhanced collaboration.

Features:

- Enables UC meetings to wirelessly use room cameras for remote participants
- Supports USB cameras and microphones using generic USB drivers
- Available for Apple macOS® and Microsoft Windows® computers
- Supports sharing content via ShareLink Pro App, AirPlay®, or Miracast®
- Supports user calendar integration
- Requires LinkLicense for ConferenceShare

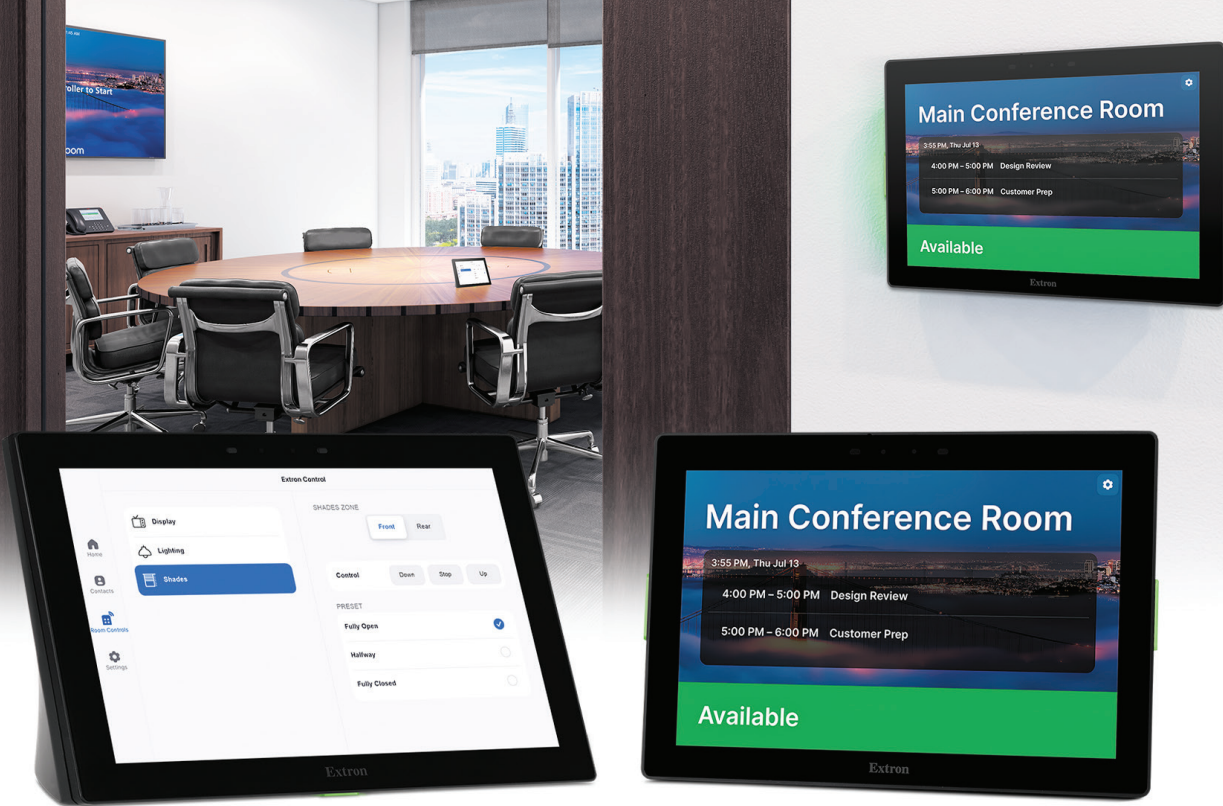
Supported UC Platforms

ConferenceShare can be used with Teams, Zoom and other conferencing services.



Model	Version Description	Part Number
LinkLicense	ConferenceShare Upgrade.....	79-2602-01

To learn more, visit [extron.com/conferenceshare](https://www.extron.com/conferenceshare)



zoom Certified

Extron and Zoom Deliver New Ways to Add Superior Collaboration and Control

We are pleased to announce the ZRTP Pro Series of Zoom-certified touchpanels and the Extron Control for Zoom Rooms App. The ZRTP Pro Series are Zoom Rooms touchpanels that can operate as either a Zoom Rooms controller or a Zoom Scheduling panel. As a Zoom Rooms controller, these touchpanels let users manage the Zoom Rooms meeting experience. You can expand touchpanel capabilities to include full featured AV system and room control by adding the new Extron Control for Zoom Rooms App and an Extron IPCP Pro xi control processor. This App works with any Zoom Rooms controller, including the ZRTP Pro Series touchpanels, to add powerful and fully customizable AV system and room control. Run the ZRTP Pro touchpanel in Zoom Rooms scheduling display mode and it becomes a dynamic room scheduling device, ready to offer easy scheduling options and at-a-glance room occupancy status.

ZRTP Pro Series - Key Features

- Certified Zoom Rooms controllers and Zoom Scheduling panels
- Provide advanced room and AV controls when paired with an IPCP Pro xi control processor and the Extron Control for Zoom Rooms App
- Support for Zoom Device Management - ZDM, which allows centralized room and device management
- Proximity detection allows one-click direct sharing via built-in speakers

Extron Control for Zoom Rooms - Key Features

- Extends Extron control to any Zoom Rooms controller - Provides advanced AV, room, and conferencing controls from a single pane of glass
- Fully customize any Zoom Rooms controller user interface - Using GUI Designer, the interface can be designed to best suit the needs of any application or space
- Supports Extron ZRTP Pro Series room controllers
- Pairs with any Extron IPCP Pro xi control processor

NOW SHIPPING

Model	Version Description	Part Number
ZRTP Pro 725M	7" Wall Mount Zoom Rooms Touchpanel.....	60-1563-212
ZRTP Pro 725T	7" Tabletop Zoom Rooms Touchpanel.....	60-1562-212
ZRTP Pro 1025M	10" Wall Mount Zoom Rooms Touchpanel.....	60-1566-212
ZRTP Pro 1025T	10" Tabletop Zoom Rooms Touchpanel.....	60-1565-212

To learn more, visit extron.com/zrtppro

NETWORK BUTTON PANELS

NBP VC1 D

Network Button Panel with Volume Control - Decorator-Style Wallplate

The Extron NBP VC1 D Network Button Panel is a fully customizable AV system control interface designed for volume control when used with Extron control systems or HC 400 Series products. This convenient, easy-to-use control panel works in conjunction with a control processor using standard Ethernet and provides volume control within a room. The NBP VC1 D 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. The PoE-powered NBP VC1 D mounts in a single gang junction box and includes black and white decorator-style wallplates and a mud ring.

FEATURES

- Fully customizable Network Button Panel integrates easily with an Extron control system or HC 400 Series products
- One backlit, soft-touch button that can be customized using Extron's Custom Button Builder
- Compatible with all Extron IPCP Pro and IPCP Pro xi series control processors
- Volume control knob with LEDs for visual feedback
- Dual-color, illuminated mute button
- Network Button Panels use standard Ethernet connectivity for easy integration into a building's existing infrastructure



NOW SHIPPING

Model	Version Description	Part Number
NBP VC1 D	Decorator-Style, Black and White, Vol Control	60-2036-01

NBP VC2 D

Network Button Panel with Dual Volume Control - Decorator-Style Wallplate

The Extron NBP VC2 D Network Button Panel is a fully customizable AV system control interface with dual volume controls for Extron control systems or HC 400 Series products. This convenient, easy-to-use control panel works in conjunction with a control processor using standard Ethernet and provides system volume and microphone level controls within a room. The NBP 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. The PoE-powered NBP VC2 D mounts in a single gang junction box and includes black and white decorator-style wallplates and a mud ring.

FEATURES

- Fully customizable Network Button Panel integrates easily with an Extron control system or HC 400 Series products
- Six backlit, soft-touch buttons that can be customized using Extron's Custom Button Builder
- Compatible with all Extron IPCP Pro and IPCP Pro xi series control processors
- Volume adjustment and mute buttons with LED level indication
- Microphone adjustment and mute buttons with LED level indication
- Network Button Panels use standard Ethernet connectivity for easy integration into a building's existing infrastructure



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Model	Version Description	Part Number
NBP VC2 D	Decorator-Style, Black and White, Dual Vol	60-2037-01

IP LINK PRO XI ACCESSORY

IPL EXP PDU8L

Control System Power Expansion Interface

The Extron IPL EXP PDU8L is a control system power expansion interface that provides centralized 12VDC power management, monitoring, and temperature sensing. It delivers 60W across eight individually controllable outputs. The IPL EXP PDU8L is Ethernet-enabled and features the ability to monitor power consumption while providing a temperature port and thermistor probe for tracking temperature conditions of any ambient air space or device. It is designed to be used with an IPCP Pro xi Series control processor for secure, encrypted power control of attached devices. It can also operate independently using a secure Extron API, enabling seamless integration for specialized applications or direct control via the built-in web page. The IPL EXP PDU8L is housed in a compact 1U, quarter-rack enclosure that offers a variety of mounting options.

FEATURES

- Provides remote power management for AV devices
- Eight independently switched 12VDC outputs with 60 watts, total
- Remote on/off control of individual DC power outlets
- Total wattage monitoring
- Temperature monitoring port with included thermistor probe
- Secure Platform Device



Model	Version Description	Part Number
IPL EXP PDU8L	Eight 12V Captive Screw Outlets	60-1928-01

ENTERPRISE WORKSPACE

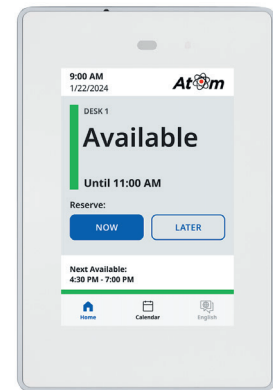
TLS 300M

3.5" Desk Scheduling Touchpanel

The Extron TLS 300M is a 3.5" portrait Desk Scheduling Touchpanel that can be placed on a flat surface to provide at-a-glance space availability with a red/green LED. With a simple touch, a user can reserve and release a flexible workspace that is connected to a variety of calendar services. Setup is quick and easy with no programming skills required. User interface customization options include light and dark themes, logo, background image, time/date format, and overlay opacity. The TLS 300M is an effortless way to find and reserve desks and meeting spaces within flexible workspace environments and educational institutions.

FEATURES

- Locate and reserve a desk or flexible workspace at a glance
- Make on-demand reservations from the touchpanel, computer, or mobile device that connects to Microsoft® Exchange, 365™, Google Calendar™, 25Live®, EMS, NFS, and Ad Astra®
- Check-In Button confirms attendance for the reserved space
- Release Button allows swift cancellation of a booked space
- Two color themes, custom background image, logo, and transparency controls provide personalized branding options
- 3.5" capacitive portrait touchscreen with 320x480 resolution
- PoE compatible
- No annual subscription or maintenance fees

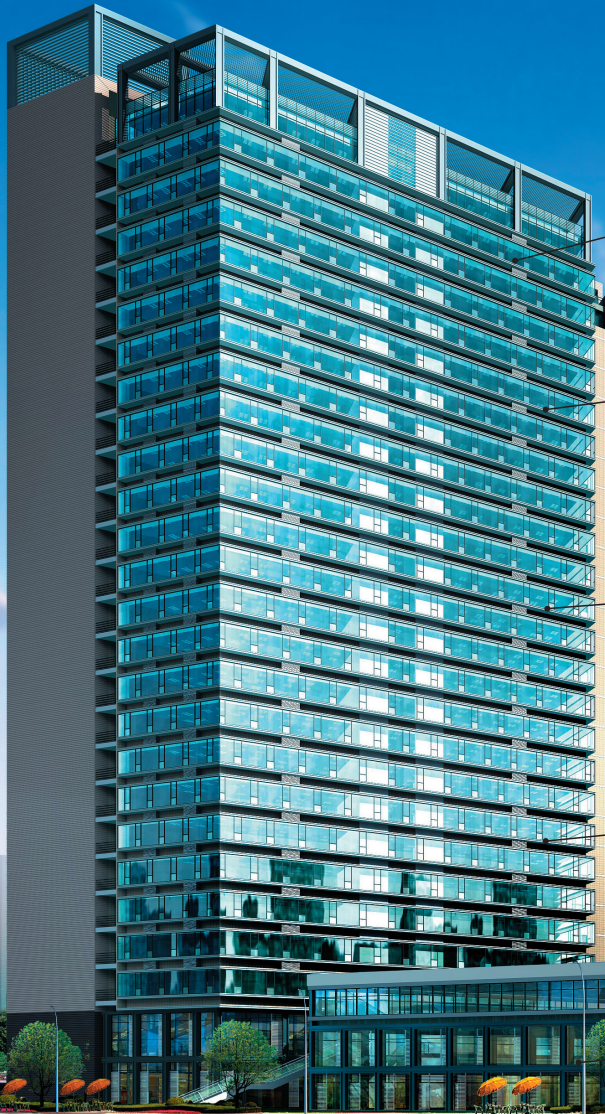


Model	Version Description	Part Number
TLS 300M	Black	60-1667-102
TLS 300M	White	60-1667-103

For updated product availability, go to www.extron.com

Extron Virtual Control is Here

Control 30 Rooms from a Single Device



Now you can host up to 30 Virtual Control Processors with a single compact appliance. With our VCA 100 Virtual Control Appliance, it has never been easier to quickly scale AV control and automation across your enterprise.

NOW SHIPPING



Scale AV across the enterprise from a central location



Host up to 30 Virtual Control Processors on a single, compact VCA 100



Customize AV control for any environment



Choose between convenient configuration or flexible programming



Use familiar drivers and programming modules



Use LinkLicense to add Virtual Control Processors and enable BYOD

Model	Version Description	Part Number
VCA 100	Virtual Control Appliance with 5 VCPs	60-1963-01
LinkLicense	5 Additional VCPs Upgrade	79-2582-01
LinkLicense	10 Additional VCPs Upgrade	79-2582-02
LinkLicense	1 Additional VCP Upgrade	79-2582-04

To learn more, visit extron.com/vca

SOFTWARE

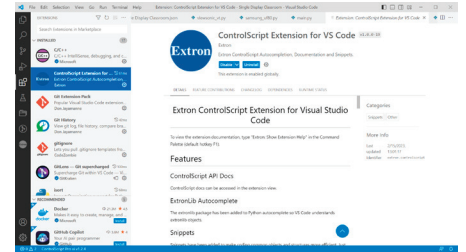
ControlScript Extension for VS Code

Development Tools for Extron Control System Programming in Visual Studio Code

The Extron ControlScript Extension for VS Code is a timesaving extension that integrates ControlScript programming into Microsoft Visual Studio Code, enabling control system programmers to use this powerful and highly acclaimed editor to program Extron control systems. Programmers can take advantage of IntelliSense code completion, Python grammar checking, macros, snippets, inline documentation, and easy integration with version control software, like GIT.

FEATURES

- Develop Extron control systems programming using Visual Studio Code
- Uses IntelliSense code completion
- Easy to follow inline documentation
- Leverage VS Code's vast Extension Marketplace
- Loose file project format integrates easily with today's version control software
- Start and execute projects quickly using Extron Template Manager and Extron device modules



NOW AVAILABLE

Model	Version Description	Part Number
Extron ControlScript Extension for VS Code		79-775-01

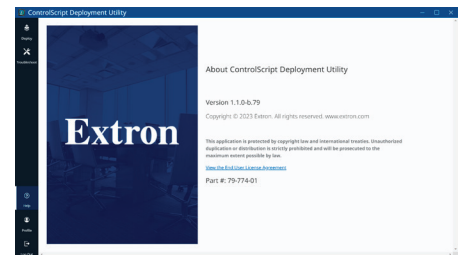
ControlScript Deployment Utility

Development Tools for Extron Control System Programming in Visual Studio Code

The Extron ControlScript Deployment Utility is a tool allowing AV developers to deploy and debug control system programs created using Microsoft Visual Studio Code. The utility can load and retrieve projects from control processors and offers debugging tools like Program Logs and Trace Messages. Together with the Extron ControlScript Extension for VS Code, the deployment utility integrates ControlScript libraries into VS Code, enabling control system programmers to use the powerful and highly acclaimed VS Code editor to program Extron control systems.

FEATURES

- Works with the Extron ControlScript Extension for VS Code
- Deploy loose file ControlScript projects
- Certify Projects created by EAP certified programmers
- Securely manage project credentials
- Download Program Logs
- View Trace Messages
- Retrieve ControlScript projects from the control processor
- Designed to be used exclusively with Extron Pro Series control system



NOW AVAILABLE

Model	Version Description	Part Number
ControlScript Deployment Utility Software		79-774-01

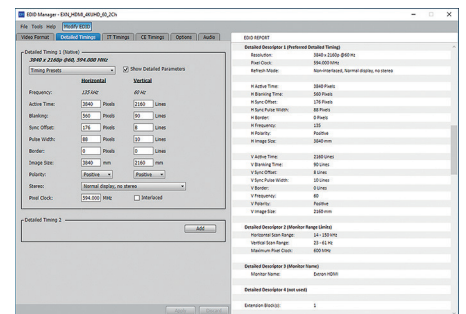
EDID Manager 3.0

8K EDID Management Software

Extron EDID Manager® 3.0 is a Windows®-based software utility that enables users to manage display device capabilities such as supported video rates, color space, chroma sampling, color bit depth, audio capabilities, and overall video format all from a single convenient software application. The software allows you to open, view, modify, and convert EDID display formats as well as generate PDF status reports that provide critical information about the display device. It can connect and transfer EDID directly to select Extron products, simplifying project start-up and commissioning.

FEATURES

- Free EDID management Windows® software utility
- Converts EDID files between video formats
- Compatible with HDMI 2.1, DisplayPort 1.2, DVI Single & Dual link, and VGA
- **NEW** Supports additional memory blocks for displays that convey advanced features via both EDID and DisplayID
- **NEW** Properly manages the extended EDID information required to reliably display and distribute 5K and 21:9 aspect ratio content
- Supports HDR and resolutions up to 8K/30 @ 4:4:4 and 8K/60 @ 4:2:0
- Accommodates enhanced audio formats, including Dolby® Atmos®, DTS:X®, and DTS-HD Master Audio
- Integrated CVT 1.2 calculator supports generation of custom detailed timing with higher refresh rates up to 240 Hz



Model	Version Description	Part Number
EDID Manager 3.0	EDID Management Software	79-536-01

For updated product availability, go to www.extron.com

Europe
+31.33.453.4040 / +800.3987.6673
+31.33.453.4050 FAX

Middle East
+971.4.299.1800
+971.4.299.1880 FAX

Asia
+65.6383.4400 / +800.7339.8766
+65.6383.4664 FAX

China
+86.21.3760.1568 / +4000.398766
+86.21.3760.1566 FAX

Japan
+81.3.3511.7655
+81.3.3511.7656 FAX





PlenumVault Direct View System Perfect for Your Classroom Flat Panel Display

The PlenumVault Direct View System is a complete AV system for classrooms with flat panel displays. It delivers an excellent experience for students and instructors, providing enhanced audio and video quality for in-person, hybrid, and remote learning environments. The system has advanced audio capabilities, a powerful amplifier, and a built-in control processor that automates system functions so instructors can begin teaching with AV tools the minute they enter the room.

- Works with your flat panel display, providing everything you need for a turnkey AV and control system
- Customizable to suit a wide variety of learning environments
- Facilitates remote learning and assistive listening applications
- Add a ShareLink Pro presentation system to wirelessly share content from BYOD laptops, tablets, and smartphones for collaborative learning
- Works with Extron GlobalViewer Campus Communication Suite for campus-wide bells, public address, and intercom communications

VoiceLift Pro Microphone



Add a VoiceLift Pro Microphone to create a classroom voice amplification system that ensures students can hear the instructor clearly throughout the room.

To learn more, visit [extron.com/pvdirectview](https://www.extron.com/pvdirectview)



VoiceLift Pro Microphone System

Complete Audio Reinforcement for Today's Teaching Needs

The VoiceLift Pro Microphone System is a complete system for high performance classroom voice amplification. With the variety of learning environments today, superior sound coverage plays a more crucial role for the instructor and all students to hear clearly – whether in-person or remote. Educators will find that our expanded line of system packages are simple to purchase and integrate, and intuitive for anyone to use. The VoiceLift Pro system's capabilities are enhanced with sophisticated mixing, amplification, and digital signal processing of audio sources. A broader choice of standard system configurations with mix-and-match combinations of pendant and handheld microphones enables users to create a system that exactly suits their requirements for collaborative teaching and student participation.

- Complete high performance voice amplification system tailored for instructional spaces and adaptable for future needs
- Advanced RF wireless technology provides superior sound quality, increased reliability, long-range transmission, and reduced interference
- Audio input mixing of instructor's voice from VoiceLift Pro microphone with multiple program audio sources
- Audio digital signal processing suppresses feedback while maximizing sound quality and intelligibility
- Powerful 50 watt amplifier to fill classrooms with full, rich sound
- Flexible mounting options are available to support installation on a wall, above a suspended ceiling, and behind flat panel displays

To learn more, visit [extron.com/voicelift](https://www.extron.com/voicelift)



GlobalViewer Campus Communication Suite

Powerful System to Unify Network Managed Bells, PA, and Intercom

GlobalViewer® Campus Communication Suite is a complete solution for unifying all campus audio systems under an easy-to-use web browser interface. The suite leverages the power of your existing network to provide bells, public address announcements and intercom communications throughout campus.

Features:



Cisco Call Manager Compatibility:

Supports campus-wide live announcements using Cisco Call Manager via SIP – Session Initiation Protocol.



Microsoft Active Directory/LDAP Support:

Maintain strong network security policies by providing network administrators with simplified tools to manage user access and privileges.



Visual Messaging and Control System Integration:

Automatically trigger digital signage messages and audio announcements to provide instant campus-wide notifications. Activate a preset from a TouchLink Pro touchpanel.



Preset Call Announcement:

Make an immediate “All Call” live or pre-recorded announcement with the press of a button.



Zone Capability:

Route bells and announcements to all locations, a particular area, or a specific room.

To learn more, visit extron.com/gvccs

Web-Based

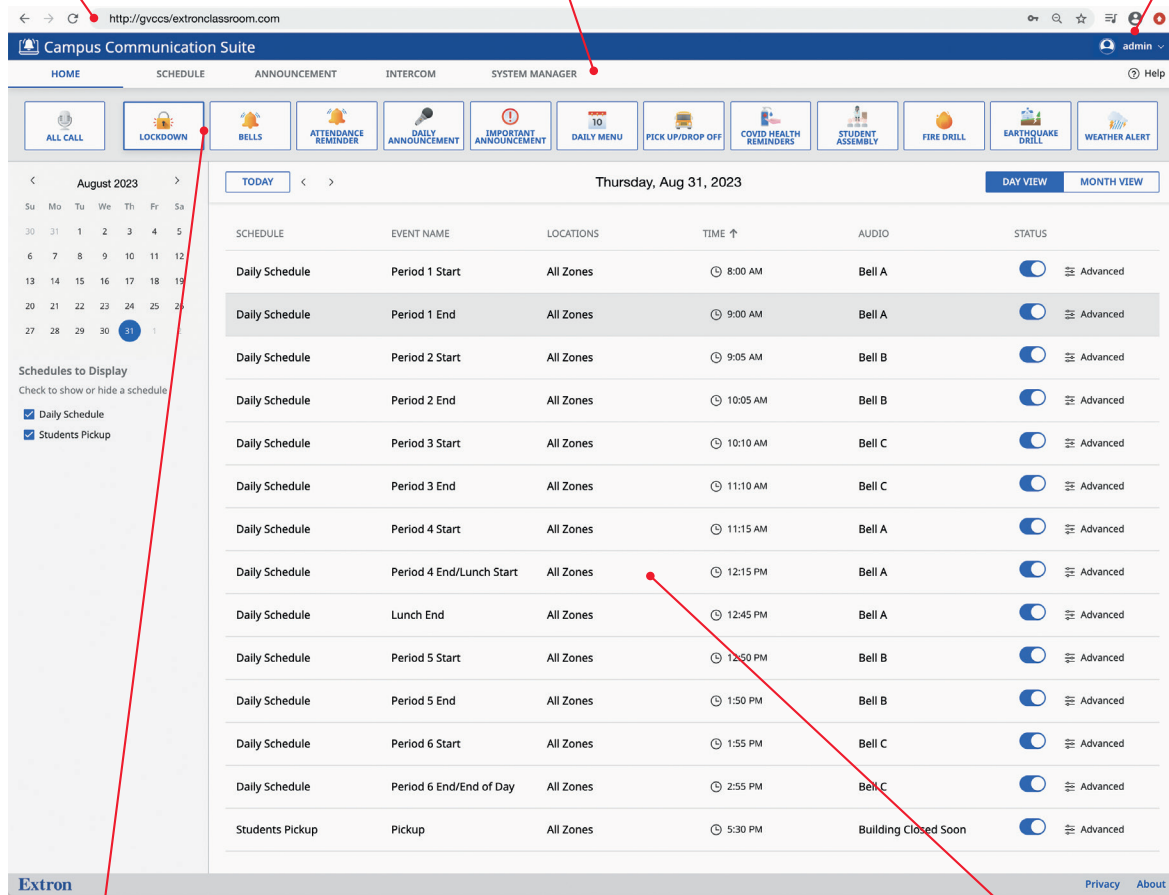
Runs in a standard Web browser from any computer on the network

Menu Bar

Easy access to schedules, live/pre-recorded announcements and system configuration

User Roles

Grant access to features based on user login

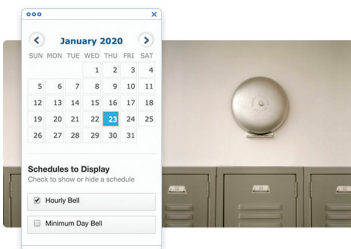


Quick Links

Make an immediate all call live or pre-recorded announcement with the push of a button

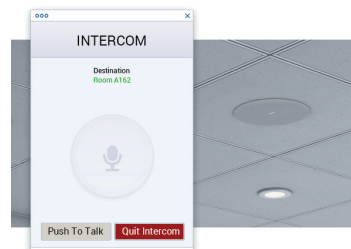
Home Screen

Shows schedule of events for selected day



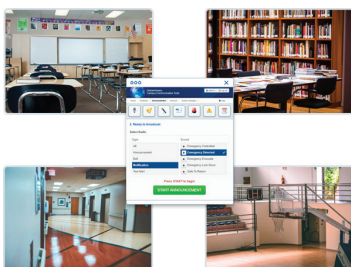
Flexible Bell Scheduling

Create bell schedules and maintain them locally or at the district level. Quickly and easily schedule bells for each school day or special events.



Integrated Intercom System

It provides two-way voice communication over the network with flexible setup options.



Convenient PA Announcements

Live public address messages, pre-recorded announcements, and zone capability are supported.



Safety and Security Features

Instant Alert integration notifies staff when a classroom needs assistance. Live camera feeds allow officials to determine whether to contact the room or lock down the school.



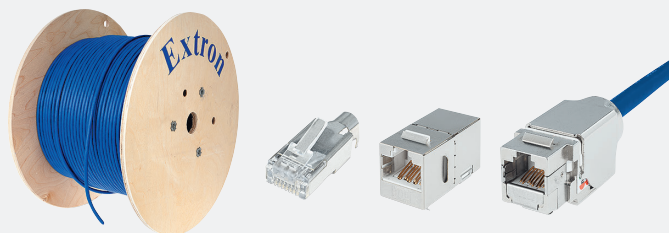
DTP3 Series

Pure 4K/60 4:4:4 Transmission. Uncompressed. Zero Latency

DTP3 is Extron's third generation, digital twisted pair solution. For maximum image quality and minimal latency, all video signals up to 18 Gbps are transported without compression. DTP3 incorporates advanced features such as 4K/60 @ 4:4:4, HDCP 2.3, and HDR video to let you create the sophisticated, yet simple-to-use systems that customers demand. All extend video, audio, and control up to 330 feet (100 meters) at every video resolution. Select DTP3 products are available to support USB data, USB-C alt mode DisplayPort video, and power delivery.

Ensure Success with Extron Cable

Extron XTP DTP 22 twisted pair cables are designed and constructed to excel at high speed transport and go the distance. Advanced shielding design and precise manufacturing tolerances maintain signal integrity and reliable performance in the professional arena.



DTP
SYSTEMS

18 Gbps
4K/60 4:4:4

To learn more, visit extron.com/dtp3

DTP SYSTEMS

DTP3 T 212 D**Two Input 4K/60 DTP3 Transmitter for USB-C & HDMI - Decorator-Style Wallplate**

The Extron DTP3 T 212 D is a two-input decorator-style transmitter for sending USB-C® video, HDMI, audio, and control up to 330 feet (100 meters) over a shielded CAT 6A cable. It supports video resolutions up to 4K/60 @ 4:4:4 and complies with HDCP 2.3. For maximum image quality and minimal latency, the DTP3 T 212 D transmits all supported resolutions uncompressed. It offers many integration-friendly features such as EDID Minder®, auto-switching between inputs, analog stereo audio embedding, and bidirectional RS-232 extension for remote AV device control. Also, remote power over the same twisted pair cable streamlines installation. Available in black or white, the DTP3 T 212 D provides discreet placement of HDMI and USB-C input connections at lecterns, beneath tables, or wherever needed in demanding professional environments.

FEATURES

- Transmits USB-C® video, HDMI, audio, and control up to 330' (100 m) over a shielded CAT 6A cable
- Supports computer and video resolutions up to 4K/60 @ 4:4:4
- Analog stereo audio embedding
- Auto-switching between inputs
- Supported HDMI 2.0b specification features include data rates up to 18 Gbps, HDR, Deep Color up to 12-bit, 3D, and HD lossless audio formats
- Remote power capability with DTP3-enabled products
- Connects USB-C sources that support DisplayPort Alt Mode
- DTP3 output is compatible with HDBaseT-enabled devices
- HDCP 2.3 compliant

Model	Version Description	Part Number
DTP3 T 212 D	USB-C, HDMI Decorator Tx, Black - 330 feet (100 m)	60-1714-52
DTP3 T 212 D	USB-C, HDMI Decorator Tx, White - 330 feet (100 m)	60-1714-53



DTP
SYSTEMS

18 Gbps
4K/60 4:4:4

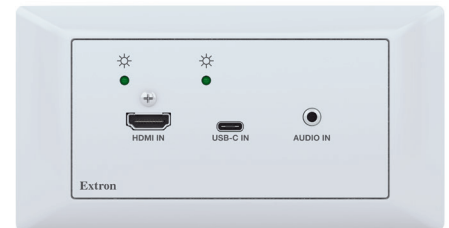
DTP3 T 202 EU/MK**Two Input 4K/60 DTP3 Transmitter for USB-C & HDMI - for EU and MK Junction Boxes**

The Extron DTP3 T 202 EU/MK is a two-input wallplate transmitter for sending USB-C® video, HDMI, audio, and control up to 330 feet (100 meters) over shielded CAT 6A cable. It is compatible with standard two-gang EU and MK-type junction boxes, supports video resolutions up to 4K/60 @ 4:4:4, and complies with HDCP 2.3. For maximum image quality and minimal latency, all supported video resolutions are transported without compression. Analog stereo audio embedding and RS-232 remote control facilitate integration in demanding professional environments. This transmitter offers many integrator-friendly features such as EDID Minder®, auto-switching, remote power, and bidirectional RS-232 extension for remote device control. The wall-mountable design provides the convenience of placing input connections precisely where they are needed.

FEATURES

- Designed to mount in two-gang EU and MK-type electrical junction boxes
- Transmits USB-C® video, HDMI, audio, and control up to 330 feet (100 meters) over a shielded CAT 6A cable
- Supports computer and video resolutions up to 4K/60 @ 4:4:4
- Analog stereo audio embedding
- Auto-switching between inputs
- Supported HDMI 2.0b specification features include data rates up to 18 Gbps, HDR, Deep Color up to 12-bit, 3D, and HD lossless audio formats
- Remote power capability with DTP3-enabled products
- Connects USB-C sources that support DisplayPort Alt Mode
- DTP3 output is compatible with HDBaseT-enabled devices

Model	Version Description	Part Number
DTP3 T 202 EU/MK	4K/60 USB-C & HDMI EU/MK Tx - 330 feet (100 m)	60-1829-52



Mounted in included EU frame



Mounted in included MK frame

DTP
SYSTEMS

18 Gbps
4K/60 4:4:4

For updated product availability, go to www.extron.com

DTP SYSTEMS

DTP3 T 301 and DTP3 R 301

DTP3 Extenders for 4K/60 HDMI and USB Data

The DTP3 T 301 and DTP3 R 301 are long-distance, digital twisted pair extenders for sending HDMI, audio, USB, and bidirectional RS-232 signals up to 330 feet (100 meters) over a shielded CAT 6A cable. They support video resolutions up to 4K/60 at 4:4:4 color sampling, EDID Minder®, and HDCP 2.3. For maximum image quality and minimal latency, all supported video resolutions are transported without compression. The transmitter features one HDMI input, one USB host port, and a mirrored HDMI output, while the receiver provides a four-port USB hub and stereo audio de-embedding. Their low-profile enclosures and remote power capability from receiver to transmitter make them ideal for discreet placement within lecterns, beneath tables, or wherever needed to meet application requirements.

FEATURES

- Extends HDMI, USB data, and control and analog audio up to 330 feet (100 meters) over a shielded CAT 6A cable
- Supports computer and video resolutions up to 4K/60 @ 4:4:4
- Supports USB 2.0 to 1.0 devices and USB 3.0 devices that can operate at USB 2.0 data rates of up to 480 Mbps
- DTP3 T 301 features one HDMI input, one USB host port, and a mirrored HDMI output
- DTP3 R 301 features a four-port USB hub and stereo audio de-embedding
- Remote power capability from receiver to transmitter



DTP3 T 301



DTP3 R 301

DTP
SYSTEMS

18 Gbps
4K/60 4:4:4

Model	Version Description	Part Number
DTP3 T 301	HDMI 4K/60 Tx - 330 feet (100 m)	60-1773-52
DTP3 R 301	HDMI 4K/60 Rx - 330 feet (100 m)	60-1773-53

DTP3 T 203

Three Input 4K/60 Switcher with Integrated DTP3 Transmitter

The Extron DTP3 T 203 is a three-input transmitter for sending USB-C® video, HDMI, and control up to 330 feet (100 meters) over a shielded CAT 6A cable. It supports video resolutions up to 4K/60 @ 4:4:4 and complies with HDCP 2.3. For maximum image quality and minimal latency, all supported video resolutions are transported without compression. Dual buffered HDMI and DTP outputs, 60 W of USB-C charging, and Ethernet remote control facilitate integration in professional environments. Integrator-friendly features include EDID Minder®, auto-switching between inputs, and bidirectional RS-232 pass-through for remote AV device control. The standard half rack width enclosure of the DTP3 T 203 transmitter enables discreet placement within lecterns, beneath tables, or wherever needed to meet application requirements.

FEATURES

- Transmits USB-C® video, HDMI, and control up to 330' (100 m) over a shielded CAT 6A cable
- Supports computer and video resolutions up to 4K/60 @ 4:4:4
- Provides up to 60 watts of power to the USB-C source
- Auto-switching between inputs
- Supported HDMI 2.0b specification features include data rates up to 18 Gbps, HDR, Deep Color up to 12-bit, 3D, HD lossless audio formats, and CEC
- Connects USB-C sources that support DisplayPort Alt Mode



DTP
SYSTEMS

18 Gbps
4K/60 4:4:4



NOW SHIPPING

Model	Version Description	Part Number
DTP3 T 203	Three Input 4K/60 Switcher - 330 feet (100 m)	60-1885-52

DTP SYSTEMS

DTP3 T 101 D

4K/60 DTP3 Transmitter for HDMI - Decorator-Style Wallplate

The Extron DTP3 T 101 D is a one-gang decorator-style transmitter for sending HDMI up to 330 feet (100 meters) over a shielded CAT 6A cable. It supports video resolutions up to 4K/60 @ 4:4:4 and complies with HDCP 2.3. For maximum image quality and minimal latency, all supported video resolutions are transported without compression. The wallplate transmitter includes many Extron technologies, such as EDID Minder® that ensures the source powers up properly and reliably outputs content for display. Also, it can be remotely powered by a DTP3-enabled product over the twisted pair connection, streamlining installation. The compact wall-mountable design of the DTP3 T 101 D provides the convenience of placing an HDMI input connection precisely where it is needed.

FEATURES

- Transmits HDMI up to 330' (100 m) over a shielded CAT 6A cable
- Supports computer and video resolutions up to 4K/60 @ 4:4:4
- HDCP 2.3 compliant
- Supported HDMI 2.0b specification features include data rates up to 18 Gbps, HDR, Deep Color up to 12-bit, 3D, HD lossless audio formats, and CEC pass-through
- Remote power capability with DTP3 products
- Extron XTP DTP 22 shielded twisted pair cable is strongly recommended for optimal performance
- Compatible with CAT 6A shielded twisted pair cable
- DTP3 output is compatible with HDBaseT-enabled devices



DTP
SYSTEMS

18 Gbps
4K/60 4:4:4

NOW SHIPPING

Model	Version Description	Part Number
DTP3 T 101 D	HDMI 4K/60 Wallplate Tx, Black - 330 feet (100 m)	60-1902-52
DTP3 T 101 D	HDMI 4K/60 Wallplate Tx, White - 330 feet (100 m)	60-1902-53

CTU 45 II

Universal RJ-45 Termination Tool and Die for 22 AWG Cables

The Extron CTU 45 II is a crimp tool and die for terminating Extron XTP DTP 22 shielded twisted pair cables with Extron XTP DTP 22 RJ-45 Plugs. The Extron-engineered, precision-machined crimp die provides accurate and consistent crimp connections. In a single cycle, the tool simultaneously crimps the plug contact pins with the metal strain relief and grounding shield. The rugged, light-weight ratchet-controlled frame requires minimal effort using one hand to complete the crimp cycle. The user-replaceable die also fits other modular, shielded or unshielded, RJ-45 plug types. The CTU 45 II is ideal for terminating Extron XTP DTP 22 shielded twisted pair and other standard 22 AWG networking cables.

FEATURES

- Designed for use with Extron XTP DTP 22 plenum and non-plenum shielded twisted pair cables and XTP DTP 22 RJ-45 Plugs
- Compatible with solid or stranded 22 AWG cables
- Suitable with other modular, shielded or unshielded RJ-45 plug types
- Compatible with keyed and non-keyed modular plugs
- One-step operation simultaneously crimps the plug contact pins with the metal strain relief and grounding shield
- Color-coded wiring diagram label allows the user to quickly identify the correct wiring scheme
- Rugged, lightweight ratchet-controlled frame
- Extron engineered, precision-machined crimp die



Model	Version Description	Part Number
CTU 45 II	RJ-45 Crimp Tool and Die - 22 AWG	101-035-01

For updated product availability, go to www.extron.com

Europe
+31.33.453.4040 / +800.3987.6673
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Asia
+65.6383.4400 / +800.7339.8766
+65.6383.4664 FAX

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+86.21.3760.1566 FAX

Japan
+81.3.3511.7655
+81.3.3511.7656 FAX

DA2 HD 8K L



8K HDMI Distribution Amplifier with EDID Minder Plus

The DA2 HD 8K L is an HDCP 2.3-compliant distribution amplifier for HDMI signals at resolutions up to 8K/60, including 5K for Microsoft® Teams® rooms. It supports data rates up to 40.1 Gbps, HDR, Deep Color up to 12-bit, 3D, HD lossless audio formats, and CEC capability. It also features Extron EDID Minder Plus for support of additional memory blocks needed for advanced display features and Key Minder®, which ensures simultaneous distribution of HDCP-encrypted content. The DA2 HD 8K L distribution amplifier is ideal for environments that require reliable distribution of a high data rate HDMI source signal to two displays, from presentation spaces to esports venues.

Features:

- Supports computer and video resolutions up to 8K/60
- Supported HDMI 2.1 specification features include data rates up to 40.1 Gbps, HDR, Deep Color up to 12-bit, 3D, HD lossless audio formats, and CEC control
- HDCP 2.3 compliant
- EDID Minder® Plus automatically manages EDID communication between connected devices
- Key Minder® continuously verifies HDCP compliance
- Selectable output muting
- Support for HDR video
- Automatic input cable equalization
- Provides +5 VDC, 250 mA power on each output for external peripheral devices
- Ethernet monitoring and control
- Compact 1" (2.5 cm) high, quarter rack width metal enclosure

NOW SHIPPING

Model	Version Description	Part Number
DA2 HD 8K L	Two Output 8K HDMI DA	60-1870-01

To learn more, visit [extron.com/da2hd8kl](https://www.extron.com/da2hd8kl)

MGP 641 xi

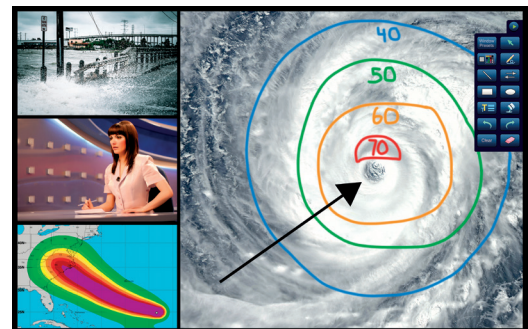


Easily Scale and Annotate up to Four 4K/60 Sources on a Single Display

When a presentation environment requires a scaling multi-viewer with full 4K/60 and HDCP 2.3 compliance, there's no better choice than the Extron MGP 641 xi. Four scalable HDMI inputs, one HDMI background input, and locally stored image files provide flexibility when presenting content. A model that includes 12G-SDI inputs is also available. Extensive windowing options enable side-by-side, overlap, and picture-in-picture positioning of live sources and available graphics, and layouts can easily be stored and recalled from an external control system. Plus, with an optional LinkLicense, presenters can annotate over live video, presentations, or graphics using a touch screen display or mouse.

Features:

- Full 4K/60 support on each input and output
- 4K/60 HDMI and DTP3 outputs deliver uncompressed, duplicate signals to local and remote displays
- MGP 641 xi SDI model features 12G-SDI inputs in addition to HDMI inputs
- Annotate over live content with optional LinkLicense®
- 128 customizable presets enable quick saving and recall of window layouts
- Auto-layout mode configures window layout based on which inputs have an active signal



Intuitive on-screen menu allows selection of annotation tools and colors

NOW SHIPPING

Model

MGP 641 xi
MGP 641 xi SDI

Version Description

Four Windows, with HDMI Inputs xi
Four Windows, with HDMI and 12G-SDI Inputs xi

Part Number

60-1574-11
60-1574-12

To learn more, visit extron.com/mgp641xi

Quantum Ultra II



FOX3
SYSTEMS

18 Gbps
4K/60 4:4:4

HYPERLANE
500 Gbps

VECTOR 4K
SCALING

EVERLAST
POWER SUPPLIES

End-to-End Secure Videowall Systems at the Speed of Light

Integrating a Quantum Ultra II videowall processor within a secure FOX3 distribution architecture just got easier with the Quantum IN4FOX3 Series and Quantum OUT4FOX3 Series of input and output cards. Each card offers four channels of connectivity. They incorporate our exclusive technology to distribute pixel-perfect, uncompressed video up to 4K/60 @ 4:4:4 over two fibers or mathematically lossless 4K/60 @ 4:4:4 over one fiber. Embedded audio can be routed from any input to each active canvas. Ethernet to RS-232 insertion enables control data to be transmitted alongside the video when a bidirectional fiber configuration is employed. Four Quantum IN4FOX3 models and four Quantum OUT4FOX3 models are available, providing full compatibility with the entire FOX3 product family.

Features:

- Compatible with all FOX3 matrix switching, switching, and extension products
- Supports 4K/60 signals on a single channel
- Supports both lossless and uncompressed signal formats
- Embedded audio support
- Ethernet to RS-232 insertion for simplified peripheral control
- Available in multimode and singlemode variants

Model	Version Description	Part Number
Quantum IN4FOX3 L MM	Lossless Multimode Fiber Input Card	Call
Quantum IN4FOX3 L SM	Lossless Singlemode Fiber Input Card	Call
Quantum IN4FOX3 U MM	Uncompressed Multimode Fiber Input Card	Call
Quantum IN4FOX3 U SM	Uncompressed Singlemode Fiber Input Card	Call
Quantum OUT4FOX3 L MM	Lossless Multimode Fiber Output Card	Call
Quantum OUT4FOX3 L SM	Lossless Singlemode Fiber Output Card	Call
Quantum OUT4FOX3 U MM	Uncompressed Multimode Fiber Output Card	Call
Quantum OUT4FOX3 U SM	Uncompressed Singlemode Fiber Output Card	Call



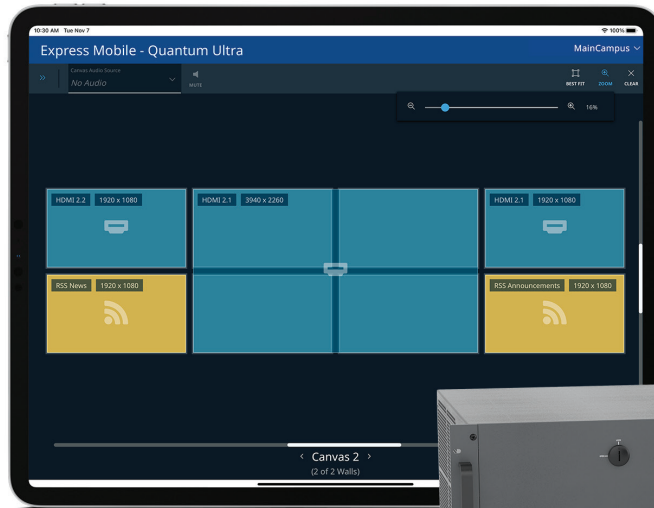
Quantum IN4FOX3 Card Models



Quantum OUT4FOX3 Card Models

To learn more, visit extron.com/quantum2

VIDEOWALL PROCESSORS



NOW AVAILABLE



EMS Express Mobile Software - Quantum Ultra
Multi-platform Control Application for Videowall Processors

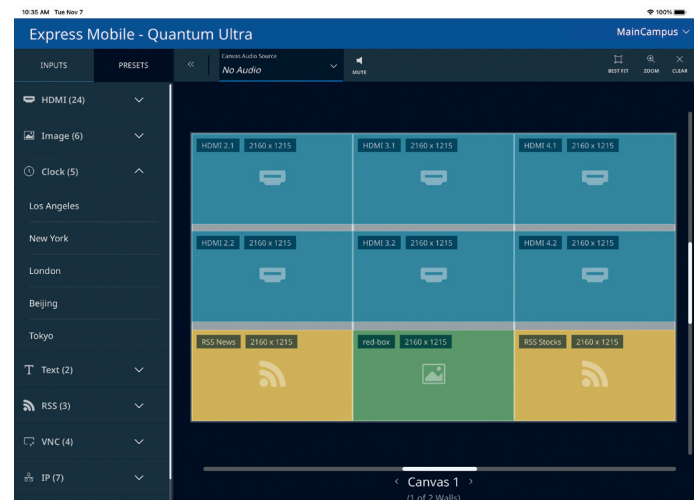
EMS Express Mobile Software - Quantum Ultra provides intuitive user control of Quantum Ultra II, Quantum Ultra, and Quantum Ultra Connect videowall processors. It is compatible with Apple® iOS® and Google® Android™ tablets and Microsoft® Surface and Windows 10 PCs. The software combines the freedom of wireless control with an easy to use tablet application operated with familiar finger gestures. These include drag and drop, pinch, zoom, swipe, and tap. It facilitates preset selection, window size and position, and other common tasks and can work in tandem with VCS and a control system. Up to 10 users can control one or more videowalls. Separate User, Designer, and Administrator credentials define operational roles. EMS-Quantum Ultra is ideal for use with systems requiring one or more points of control through a user-friendly interface.

FEATURES

- Compatible with Apple® iOS®, Google® Android™, and Microsoft® Surface tablets
- Simplifies common operational tasks, such as preset selection, window management, and source switching
- Supports familiar operational gestures, including drag and drop, swipe, and tap
- Control videowalls from up to 10 devices simultaneously
- Audio Source Selection
- **NEW** Allows cut/copy/paste of one or more windows using a toolbar or contextual menu
- **NEW** Displays source information within the Source Panel
- **NEW** When run as a Windows app, Resize controls allow EMS to be run as a windowed or maximized application



Copy and Paste One or More Windows Simultaneously



Source Selection

For updated product availability, go to www.extron.com

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Asia
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+65.6383.4664 FAX

China
+86.21.3760.1568 / +4000.398766
+86.21.3760.1566 FAX

Japan
+81.3.3511.7655
+81.3.3511.7656 FAX

SMP 401



Record and Stream - All in 4K

The SMP 401 all-in-one 4K/60 recording and streaming processor captures presentations and streams to audiences anywhere, with up to five recordings and six concurrent streams. Delivering high quality scaling and an extensive feature set, this powerful product does all the capturing, mixing, and switching of sources, allowing you to concentrate on content rather than technology. With unique encoder settings and simultaneous support for H.264 and H.265, the SMP 401 lets you get your message to your viewers, wherever they might be.

Features:

- High performance all-in-one multi-channel 4K/60 recording and streaming media processor
- Up to five recordings and six streams including flexible two-window layouts and full screen views
- Flexible 4K/60 4:4:4 input capability to capture a variety of sources:
 - Three HDMI 2.0 inputs
 - Two RTP/RTSP virtual inputs
 - One optional 12G-SDI input
- Simultaneous H.264/AVC and H.265/HEVC video compression
- Front panel LCD for video preview and enhanced configuration

Works with



To learn more, visit [extron.com/smp401](https://www.extron.com/smp401)

AV STREAMING

SMP 401

Multi-Channel 4K Recording and Streaming Media Processor

The SMP 401 is a high-performance all-in-one 4K/60 recording and streaming processor that easily captures, switches, scales and distributes AV sources and presentations. Powerful processing with H.264/H.265 encoding provides up to five recordings and six streams concurrently. The SMP 401 captures a variety of sources from three HDMI 2.0 inputs, two RTP/RTSP virtual inputs, and an optional 12G-SDI input. Additionally, the SMP 401 audio DSP provides independent audio mixing per channel and supports line or microphone level audio, with available +48V phantom power. The user-friendly front panel LCD screen enables video preview for confidence monitoring, and simple menu navigation for easy configuration. The SMP 401 is a robust solution for any environment that requires multiple high-quality recordings and live streams.

FEATURES

- High performance all-in-one multi-channel 4K/60 recording and streaming media processor
- Up to five recordings and six streams including flexible two-window layouts and full screen views
- Flexible 4K/60 4:4:4 input capability to capture a variety of sources:
 - Three HDMI 2.0 inputs
 - Two RTP/RTSP virtual inputs
 - One optional 12G-SDI input
- Simultaneous H.264 and H.265 video compression
- Front panel LCD for video preview and enhanced configuration
- Dual LAN ports for streaming and control
- HDMI preview output for local displays
- RTMP and RTMPS streaming protocols support popular third-party hosting services
- Supports USB 3.0 write speeds up to 5 Gbps
- Independent audio mixing for each encoder



SMP 401



Model	Version Description	Part Number
SMP 401	4K/60 Multi-Recording and Streaming	60-1825-01
SMP 401 12G-SDI	4K/60 Multi-Recording and Streaming w/12G-SDI	60-1825-02

RCP 401 Series

Remote Control Panels for SMP 401

Extron RCP 401 Series are remote control button panels that allow remote operation of the SMP 401. User-friendly record, pause, stop, and mark buttons enhance the recording experience. Manage and save files directly to thumb drives or external portable drives through a USB 3.0 port that supports writing speeds up to 5 Gbps. It also features buttons for swap and layout preset recall functions, streamlining the creative workflow. Status lights and audible alerts keep users informed of SMP 401 recording status. The RCP 401 Series comes in decorator-style, MK, and EU versions. RCP 401 Series panels include black and white faceplates for a wide range of environments. MK model is available in white only. The RCP 401 includes a USB-C control cable, ensuring a direct connection to the SMP 401 for recording controls and USB storage drives.

FEATURES

- Remote backlit button panel to control the SMP 401
- USB 3.0 port supports recording to thumb drives and external portable drives at write speeds up to 5 Gbps
- Swap and Layout preset recall buttons optimize the recording workflow
- Status and alarm indicator lights with an audible beeping alert
- USB-C 6' (1.8m) control cable included
- Available in decorator-style, MK, and EU versions
- Includes black and white faceplates; MK model available in white only



RCP 401 D



RCP 401 EU

Model	Version Description	Part Number
RCP 401 D	SMP 401 Remote Control Panel - Decorator-Style	60-1868-01
RCP 401 MK	SMP Series Remote Control Panel - MK Mount	60-1868-22
RCP 401 EU	SMP Series Remote Control Panel - Flex55 and EU	60-1868-32

For updated product availability, go to www.extron.com

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FOX3 SYSTEMS



Setting the New Standard in 4K Fiber Optic Distribution

Introducing FOX3 Systems, the industry-leading high-performance family of fiber optic extenders and matrix switchers for end-to-end distribution of 4K video, audio, control, USB, and 3D sync. FOX3 extenders feature built-in USB for KVM applications while Extron-exclusive Vector™ 4K scaling technology ensures best-in-class image quality. Delivering exceptional reliability and advanced capabilities such as audio breakaway, audio embedding/de-embedding, DMP expansion, and Dante® integration, the FOX3 Series meets the demands of any mission-critical environment.

- Supports mathematically lossless 4K/60 4:4:4 video over one fiber or uncompressed 4K/60 4:4:4 video over two fibers
- Scaling receiver models available with Extron-exclusive Vector 4K scaling technology for design flexibility and easy integration
- HDCP 2.3 compliant
- Supported HDMI 2.0 specifications include data rates up to 18 Gbps, Deep Color up to 12-bit, and 3D
- Integrates DMP expansion, local analog audio insertion and extraction, and Dante with AES67 support
- Advanced 24/7 system monitoring

18 Gbps
4K/60 4:4:4

4K UHD

VECTOR 4K
SCALING

EVERLAST
POWER SUPPLIES

Dante®

DANTE DOMAIN
MANAGER READY

AES 67

JITC
CERTIFIED

To learn more, visit extron.com/fox3

FIBER OPTICS

FOX3 Matrix 560x
Modular Fiber Optic Matrix Switcher from 8x8 to 560x560

The Extron FOX3 Matrix 560x provides high-performance switching of 4K/60 video, audio, USB, control, and 3D Sync over fiber optic cable. Expandable in sizes from 8x8 up to 560x560, this modular matrix switcher also features an integrated IPCP Pro Q xi control processor. Its advanced security standards and Gigabit Ethernet ports ensure compatibility with Extron IPCP Pro control processors and TouchLink® Pro touch panels using a standard network infrastructure. Dante, DMP Expansion, and analog audio I/O ports enable audio embedding and de-embedding. Equipped with many additional integrator-friendly features, such as redundant hot-swappable power supplies and real-time system monitoring, the FOX3 Matrix 560x delivers highly reliable, enterprise-wide switching of fiber optic AV, USB, and control signals for mission-critical environments.

FEATURES

- I/O sizes from 8x8 to 560x560
- Switches 4K/60 video, audio, USB, control, and 3D sync over fiber optic cable
- Compatible with all Extron FOX3 Series transmitters and receivers
- Integrated IPCP Pro Q xi control processor
- Dante® audio network interface, DMP expansion port, and analog audio inputs and outputs
- RS-232 insertion from the Ethernet control port
- Multimode and Singlemode I/O boards available



NOW SHIPPING

Model	Version Description	Part Number
FOX3 Matrix 560x IPCP Pro	FOX3 Matrix 560x Frame IPCP Pro	60-1978-12

FOX3 Matrix 840x
Modular Fiber Optic Matrix Switcher from 8x8 to 840x840

The Extron FOX3 Matrix 840x provides high-performance switching of 4K/60 video, audio, USB, control, and 3D Sync over fiber optic cable. Expandable in sizes from 8x8 up to 840x840, this modular matrix switcher features an integrated IPCP Pro Q xi control processor. Its advanced security standards and Gigabit Ethernet ports ensure compatibility with Extron IPCP Pro control processors and TouchLink® Pro touch panels using a standard network infrastructure. Dante, DMP Expansion, and analog audio I/O ports enable audio embedding and de-embedding. Equipped with many additional integration-friendly features, such as redundant hot-swappable power supplies and real-time system monitoring, the FOX3 Matrix 840x delivers highly reliable, enterprise-wide switching of fiber optic AV, USB, and control signals for mission-critical environments.

FEATURES

- I/O sizes from 8x8 to 840x840
- Switches 4K/60 video, audio, USB, control, and 3D sync over fiber optic cable
- Compatible with all Extron FOX3 Series transmitters and receivers
- Integrated IPCP Pro Q xi control processor
- Dante® audio network interface, DMP expansion port, and analog audio inputs and outputs
- RS-232 insertion from the Ethernet control port
- Multimode and Singlemode I/O boards available



NOW SHIPPING

Model	Version Description	Part Number
FOX3 Matrix 840x IPCP Pro	FOX3 Matrix 840x Frame IPCP Pro	60-1882-12

For updated product availability, go to www.extron.com

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FIBER OPTICS

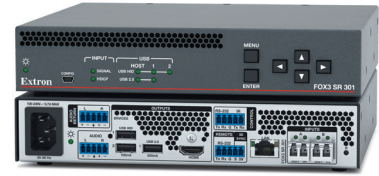
FOX3 SR 301

Fiber Optic Scaling Receiver for HDMI, USB, Audio, Control, and 3D Sync

The Extron FOX3 SR 301 Fiber Optic Scaling Receiver provides long-haul transmission of HDCP-compliant HDMI video, USB, audio, RS-232 control, IR control, and 3D sync signals over fiber optic cabling. Engineered for exceptional high-resolution image performance, it uses Extron all-digital technology to deliver perfect pixel-for-pixel, uncompressed transmission of images up to 4K/60 @ 4:4:4 over two fibers or mathematically lossless 4K/60 @ 4:4:4 over one fiber. The USB port supports USB 3.0 to 1.0 devices while the USB HID port applies filtering to restrict the device types to HID. Designed specifically for AV and KVM systems, the scaling receiver also includes many integrator-friendly features such as Key Minder®, audio de-embedding, Ethernet monitoring and control, and real-time system monitoring.

FEATURES

- Receives fiber optic signals from FOX3 Series transmitters and provides scaled HDMI video, USB, stereo audio, RS-232 control, IR control, and 3D sync signals
- High-performance scaler provides selectable output resolutions up to 4096x2160 at 60 Hz with 4:4:4 chroma sampling
- Supported HDMI 2.0 specification features include data rates up to 18 Gbps, Deep Color up to 12-bit, and 3D
- Supports USB 2.0 to 1.0 devices and USB 3.0 devices that can operate at USB 2.0 data rates of up to 480 Mbps



FOX3 SR 301 Multimode

NOW SHIPPING

Model	Version Description	Part Number
FOX3 SR 301 MM	Lossless 4K/60 Scaling Receiver - Multimode	60-1749-21
FOX3 SR 301 MM	Uncompressed 4K/60 Scaling Receiver - Multimode	60-1749-23
FOX3 SR 301 SM	Lossless 4K/60 Scaling Receiver - Singlemode	60-1749-22
FOX3 SR 301 SM	Uncompressed 4K/60 Scaling Receiver - Singlemode	60-1749-24

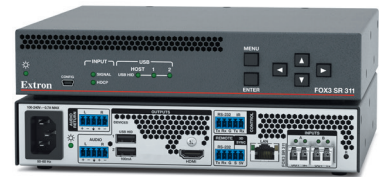
FOX3 SR 311

Fiber Optic Scaling Receiver for HDMI, USB HID, Audio, Control, and 3D Sync

The Extron FOX3 SR 311 Fiber Optic Scaling Receiver provides long-haul transmission of HDCP-compliant HDMI video, USB HID, audio, control, and 3D sync over fiber optic cable. Engineered for exceptional high-resolution image performance, it uses Extron all-digital technology to deliver perfect pixel-for-pixel, uncompressed transmission of images up to 4K/60 @ 4:4:4 over two fibers or mathematically lossless 4K/60 @ 4:4:4 over one fiber. The USB HID port applies device class filtering to restrict the device types to HID. Designed specifically for AV and KVM systems, the FOX3 SR 311 also includes many integrator-friendly features such as Key Minder®, audio de-embedding, Ethernet monitoring and control, and real-time system monitoring.

FEATURES

- Receives fiber optic signals from FOX3 Series transmitters and provides scaled HDMI video, USB HID, stereo audio, RS-232 control, IR control, and 3D sync signals
- High-performance scaler provides selectable output resolutions up to 4096x2160 at 60 Hz with 4:4:4 chroma sampling
- Supported HDMI 2.0 specification features include data rates up to 18 Gbps, Deep Color up to 12-bit, and 3D
- Device class filtering on USB HID port restricts the range of device types to HID



FOX3 SR 311 Multimode

NOW SHIPPING

Model	Version Description	Part Number
FOX3 SR 311 MM	Lossless 4K/60 Scaling Receiver - Multimode	60-1732-21
FOX3 SR 311 MM	Uncompressed 4K/60 Scaling Receiver - Multimode	60-1732-23
FOX3 SR 311 SM	Lossless 4K/60 Scaling Receiver - Singlemode	60-1732-22
FOX3 SR 311 SM	Uncompressed 4K/60 Scaling Receiver - Singlemode	60-1732-24

Extron and Microsoft Teams – Easier Than Ever



 Certified for
Microsoft Teams

Extron and Microsoft make it easier than ever to deploy high performance Teams Rooms systems in any size environment with complete Certified Design Solutions. We have worked together with our partners, such as Sennheiser, to develop Teams Rooms solutions that include our certified hardware and have been rigorously tested to ensure performance, compatibility, and ease of use. These solutions provide exceptional intelligibility with Extron AEC, the enterprise level flexibility of Dante, and an unmatched user experience.

To learn more, visit [extron.com/Microsoft](https://www.extron.com/Microsoft)

XPA ULTRA FX

POWER AMPLIFIERS



Ultra Flexible · Ultra Cool · Ultra Efficient High Performance 200/400 Watt Multi-Zone Amplifiers

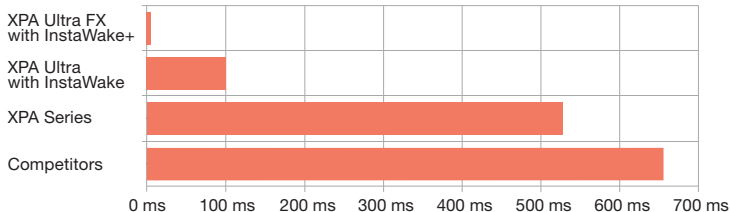
XPA Ultra FX Series four and eight channel multi-zone audio power amplifiers provide exceptional flexibility and feature InstaWake+™ technology, the ability to return to full power from standby in under 5 milliseconds. Easily configurable to support large systems with multiple speaker types, along with dynamic power sharing between adjacent channels, the XPA Ultra FX Series is your new go-to solution for any multi-zone application.

Features:

- Four and Eight Channel Models
- 200 or 400 Watts per Channel
- Up to 400 or 800 watts per channel at half the channel count
- Configurable Output Modes Per Channel
- Auto Standby Saves Energy
- Front to rear fan-cooled
- Professional grade signal-to-noise performance

InstaWake+

With industry-leading InstaWake+ technology, XPA Ultra FX goes from standby to full power in less than 5 milliseconds. For demanding applications where every millisecond counts, InstaWake+ ensures that critical audio content is never lost.



To learn more, visit extron.com/xpaufox

AUDIO PRODUCTS

XPA U 4004 FX

**Four Channel Configurable Output Audio Power Amplifier
400 Watts Per Channel**

The Extron XPA U 4004 FX is an ENERGY STAR qualified, four-channel, high-performance audio power amplifier that can deliver 400 watts simultaneously into 8 ohm, 4 ohm, 70 volt, and 100 volt loads in multi-zone systems. Rotary switches on the rear panel make it quick and easy to independently select an output mode per channel to power each zone. For maximum flexibility, the total power of two adjacent 400 watt channels is shared, delivering up to 800 watts per single channel, according to system requirements. Front and rear rack mount hardware are included for stability.

FEATURES

- Four 400 watt channels into 8 ohms, 4 ohms, 70V, or 100V
- Configurable output mode per channel
- Flexible power allocation to match system requirements
- InstaWake+™ exits auto-standby mode in under 5 milliseconds
- ECO Standby delivers power only when needed, maximizing energy savings
- ENERGY STAR® qualified amplifier

Model	Version Description	Part Number
XPA U 4004 FX	Four Channel Flexible Output Amp, 400 Watts	60-2034-01



XPA U 2004 FX

**Four Channel Configurable Output Audio Power Amplifier
200 Watts Per Channel**

The Extron XPA U 2004 FX is a four-channel, high-performance audio power amplifier that can deliver 200 watts simultaneously into 8 ohm, 4 ohm, 70 volt, and 100 volt loads in multi-zone systems. Rotary switches on the rear panel make it quick and easy to independently select an output mode per channel to power each zone. For maximum flexibility, the total power of two adjacent 200 watt channels is shared, delivering up to 400 watts per single channel, according to system requirements. Front and rear rack mount hardware are included for stability.

FEATURES

- Four 200 watt channels into 8 ohms, 4 ohms, 70V, or 100V
- Configurable output mode per channel
- Flexible power allocation to match system requirements
- Auto standby saves energy
- InstaWake+™ exits auto-standby mode in under 5 milliseconds
- HPF selectable for 70V and 100V channel modes

Model	Version Description	Part Number
XPA U 2004 FX	Four Channel Flexible Output Amp, 200 Watts	60-2026-01



NOW SHIPPING

XPA U 2008 FX

**Eight Channel Configurable Output Audio Power Amplifier
200 Watts Per Channel**

The Extron XPA U 2008 FX is an eight-channel, high-performance audio power amplifier that can deliver 200 watts simultaneously into 8 ohm, 4 ohm, 70 volt, and 100 volt loads in multi-zone systems. Rotary switches on the rear panel make it quick and easy to independently select an output mode per channel to power each zone. For maximum flexibility, the total power of two adjacent 200 watt channels is shared, delivering up to 400 watts per single channel, according to system requirements. Front and rear rack mount hardware are included for stability.

FEATURES

- Eight 200 watt channels into 8 ohms, 4 ohms, 70V, or 100V
- Configurable output mode per channel
- Flexible power allocation to match system requirements
- Auto standby saves energy
- InstaWake+™ exits auto-standby mode in under 5 milliseconds
- HPF selectable for 70V and 100V channel modes

Model	Version Description	Part Number
XPA U 2008 FX	Eight Channel Flexible Output Amp, 200 Watts	60-2025-01



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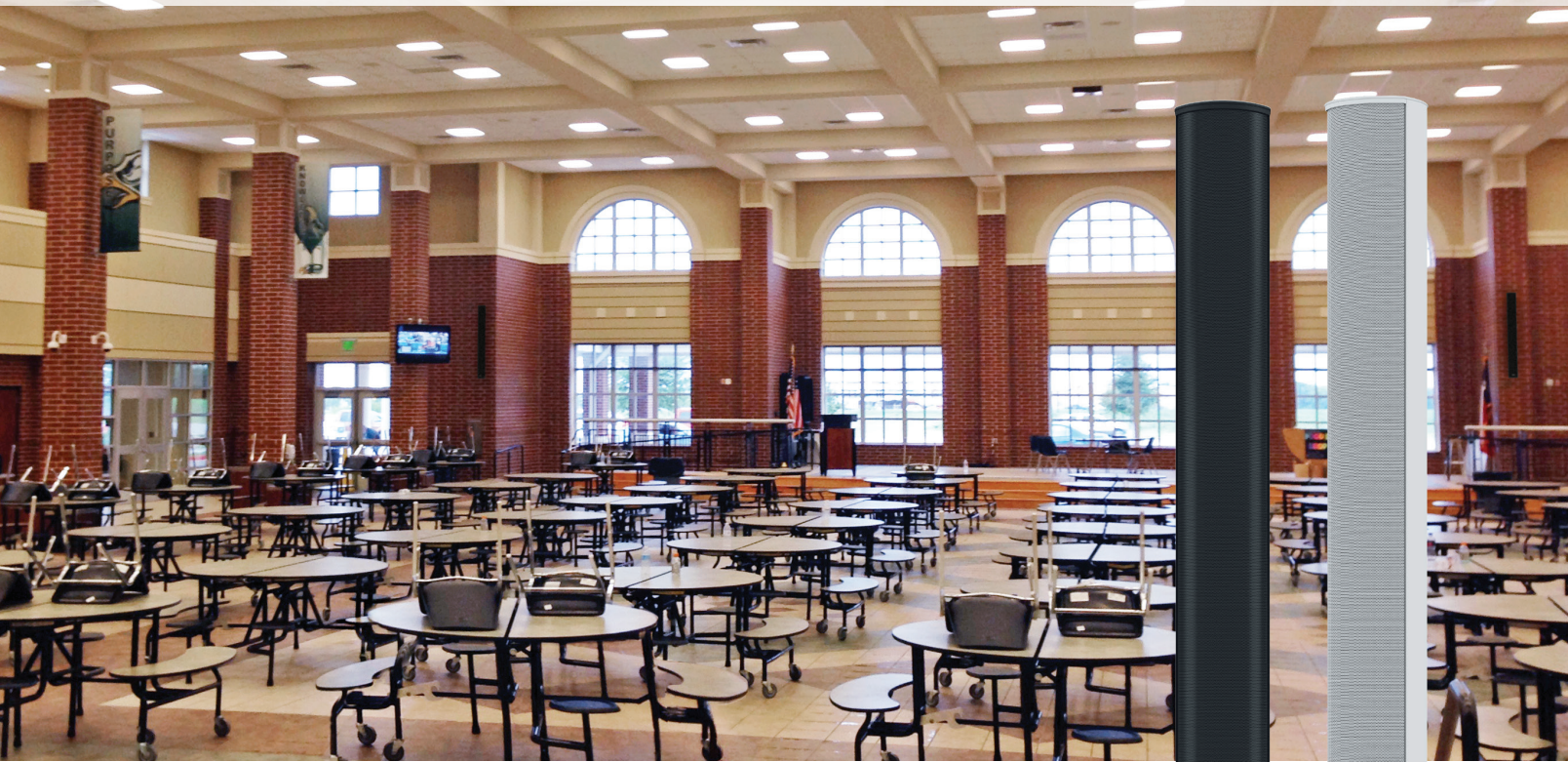
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CA 163 Column Array Speaker

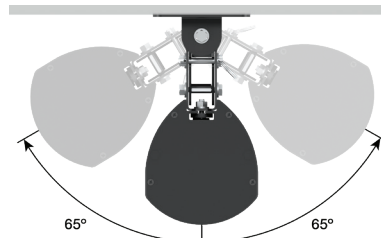


The Integration-Friendly Speaker for Acoustically Challenging Spaces

The CA 163 Column Array Speaker features a focused vertical dispersion that efficiently directs sound to the listeners instead of reflective ceilings or floors. It includes your choice of pan and tilt or low-profile wall mounting system, both designed for easy, one-person installation. Engineered to combine excellent speech intelligibility with a contemporary aesthetic, the CA 163 is an integration-friendly solution for reverberant environments.

Features:

- Focused vertical dispersion with wide horizontal dispersion for acoustically challenging spaces
- Includes everything needed for quick, one person installation
- 240 watts continuous pink noise 480 watts continuous program
- Frequency range: 105 Hz to 20 kHz
- Height-adjustable pan and tilt or low-profile mounting system included
- EASE compatible GLL speaker data files available for download
- Available in black or white



Up to 130° of Pan



Up to 15° of Tilt

To learn more, visit [extron.com/ca163](https://www.extron.com/ca163)

AUDIO PRODUCTS

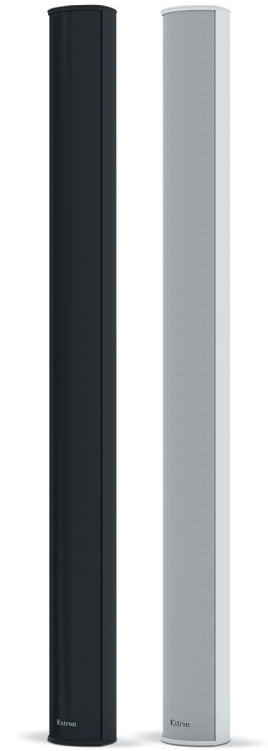
CA 163**Long Throw Column Array Speaker**

The CA 163 is a column array speaker designed to combine excellent speech intelligibility, a contemporary aesthetic, and integration-friendly mounting options. Engineered specifically for reverberant spaces, the CA 163 features sixteen 3" (76.2 mm) drivers with the ability to handle up to 480 watts of continuous program. Its focused vertical dispersion efficiently directs sound to listeners instead of reflective ceilings and floors. Two mounting systems are available to accommodate different room layouts and sizes. The CA 163 PT includes a pan and tilt wall mount with up to 15° of tilt and up to 130° of pan, while the CA 163 LP includes a low-profile wall mount with up to 5° of tilt. Available in black or white, the CA 163 is a precise solution for acoustically challenging environments.

FEATURES

- Focused vertical dispersion with wide horizontal dispersion for acoustically challenging spaces
- 240 watts continuous pink noise
480 watts continuous program
- Frequency range: 105 Hz to 20 kHz
- Mounting system included
- Two version available:
 - 8 ohm direct operation only
 - Transformerless 70/100 volt operation only
- EASE compatible GLL speaker data files available for download
- Designed for quick and easy one person installation

Model	Version Description	Part Number
CA 163 LP	Low-Profile Mount, Single, 8 Ohm, Black	42-339-02
CA 163 LP	Low-Profile Mount, Single, 8 Ohm, White	42-339-03
CA 163 LP	Low-Profile Mount, Single, 70/100V, Blk	42-339-12
CA 163 LP	Low-Profile Mount, Single, 70/100V, Wht	42-339-13
CA 163 PT	Pan and Tilt Mount, Single, 8 Ohm, Black	42-338-02
CA 163 PT	Pan and Tilt Mount, Single, 8 Ohm, White	42-338-03
CA 163 PT	Pan and Tilt Mount, Single, 70/100V, Black	42-338-12
CA 163 PT	Pan and Tilt Mount, Single, 70/100V, White	42-338-13



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Cable Cubby F55

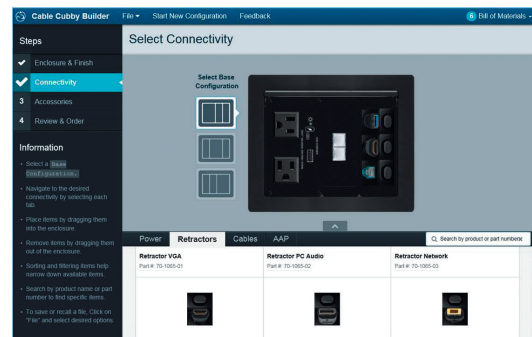


AV Connectivity When You Need It - Hidden When You Don't

The Extron Cable Cubby F55 is a tilt-up, furniture-mounted cable access enclosure that is fully customizable with Flex55 and EU modules for AV connectivity, USB, control, and power. Lifting the cover provides easy access to the connectivity modules. When used with pass-through cables, the full-width slot on the cover allows for flexible connections to local devices while ensuring a smooth, unobstructed work surface. Leveraging the vast offerings of Flex55 modules and the web-based configuration tool, an enclosure can be customized for a solution that easily adapts to anyone's needs. The tool-less clamping system makes installation into the table surface fast, yet secure. Ideal for numerous environments, the Cable Cubby F55 is available in a discreet black finish and a contemporary aluminum finish.

Features:

- Furniture mounted, tilt-up enclosure for professional environments that require AV connectivity, USB, data, control, and power in an attractive and streamlined solution
- AV connectivity and control modules are angled for easy access when the cover is open
- Accommodates a combination of double-, full-, and half size Extron Flex55 and EU modules
- Cover conceals the connectivity modules when not in use
- Full-width cable pass-through on cover for convenient connection to active and passive modules
- Flex55 Series power modules are available with AC and/or USB outlets



The Extron Cable Cubby Builder is an interactive, drag-and-drop, online tool for designing and customizing Cable Cubby Series cable access enclosures

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Model	Version Description	Part Number
Cable Cubby F55	Black - AC Module Not Included	70-1295-02
Cable Cubby F55	Aluminum - AC Module Not Included	70-1295-03

To learn more, visit extron.com/ccf55

ARCHITECTURAL CONNECTIVITY

Cable Cubby F55 UT

Under-Table Enclosure for AV Connectivity, Remote Control, and Power

Extron Cable Cubby F55 UT is a modern, clean, and discreet solution to integrate AV technology beneath furniture surfaces. The modular design allows for fast assembly and serviceability. The AV modules can be installed or serviced from the front of the enclosure after it is installed or prepopulated for a speedy onsite installation. It accommodates up to four full-size Extron Flex55™ or EU modules such as EBP eBUS® button panels, DTP® transmitters, and other connectivity modules. Half-size and double-size modules can also be integrated. The enclosure supports two Extron Retractor or Retractor XL modules. This enclosure transforms an ordinary room into a technology-rich environment. Flex55 AC power outlets are available for the US, Europe, and other major world markets. The Cable Cubby F55 UT is available in a black or aluminum finish.

FEATURES

- Accommodates a combination of full- and half-size Extron Flex55™ and EU modules, and/or two Retractor Series cable retraction modules
- Provides under-table access to power and AV connectivity
- Ideal for applications where furniture surfaces cannot be modified
- Easy mounting to almost any surface
- Modular design for fast assembly and serviceability
- Optional Retractor Mounting Bracket kit holds one Retractor or Retractor XL cable retraction module; Part # 70-1353-02
- Available in a black or aluminum finish
- CE compliant



Cable Cubby F55 UT shown with optional items

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Model	Version Description	Part Number
Cable Cubby F55 UT	Black-AC Module Not Included.....	70-1299-02
Cable Cubby F55 UT	Aluminum-AC Module Not Included.....	70-1299-03

CableCover F55

Under-Table Cable Wrap for Cable Cubby F55 Series Enclosures

The Extron CableCover F55 is an elegant under-table cable management system that mounts below select Cable Cubby® F55 series enclosures. Wrapping around the base of the enclosure, it improves cable management, prevents accidental disconnects, and minimizes cable tangles. Its four individual channels accommodate four AV cables or a single standard Extron Retractor module per channel. Tie-down openings allow secure mounting of the cables and/or compact devices such as an Extron PS Series power supply. It is aesthetically pleasing, with internal supports that maintain the shape of the CableCover™. To facilitate cable runs to a floor box, pass-through openings are at the bottom of the wrap, streamlining cable routing and connection. It installs without tools. The CableCover F55 is constructed of a black tear-resistant fabric.

FEATURES

- Under-table cable wrap for improved cable management, protection, and aesthetics
- Compatible with Cable Cubby F55 Edge and Cable Cubby F55 enclosures
- Features tie-down openings for cables and Extron PS Series power supplies and/or other compact Extron devices
- Four individual channels accommodate up to four AV cables or one standard Retractor module per channel
- Cable pass-through openings streamline use with floor boxes and outlets



CableCover F55 shown with optional items

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Model	Version Description	Part Number
CableCover F55	For Cable Cubby F55 enclosures.....	70-1366-01

For updated product availability, go to www.extron.com

Cable Cubby F55 Edge



Put AV connectivity, control, and power within reach - without modifying your furniture

The Extron Cable Cubby F55 Edge is a cable access enclosure that mounts AV technology and power to your furniture's edge. It is ideal for configurable rooms that require semi-permanent AV connectivity, control, and power, accommodating up to four full-size Extron Flex55 or EU modules. Half-size to double-size modules can also be integrated, as well as Extron Retractor or Retractor XL modules. The integrated clamping system secures the enclosure to furniture without requiring tools or cutting. The Cable Cubby F55 Edge is compatible with Extron ZipClip mounting kits, as well as the Extron PMK 155 to securely mount products such as the PS Series Desktop Power Supply and other devices directly beneath the enclosure. The Cable Cubby F55 Edge is offered in a black or aluminum finish to match any decor.

Features:

- Ideal for configurable rooms that require semi-permanent AV connectivity, control, and power
- Attaches to the furniture surface without cutting
- Integrated tool-less clamp system
- Accommodates a combination of full- and half-size Extron Flex55 and EU modules, and/or two Retractor or Retractor XL Series modules
- Flex55 Series power modules are available with AC and/or USB outlets



NOW SHIPPING

Cable Cubby F55 Edge shown with optional PMK 155 installed

Model	Version Description	Part Number
Cable Cubby F55 Edge	Black - AC Module Not Included	70-1296-02
Cable Cubby F55 Edge	Aluminum - AC Module Not Included	70-1296-03

To learn more, visit [extron.com/ccf55edge](https://www.extron.com/ccf55edge)

MOUNTING HARDWARE

UTR 104

4U Under Table Rack

The Extron UTR 104 is an under-table, full width 4U rack. It provides convenient access to equipment mounted beneath a tabletop or other furniture surface for environments without racks or remote rack space. It supports full rack width products up to 4U in height, or, with optional Extron mounting accessories, it accommodates a combination of half-, quarter-, and eighth-rack width products. The individual parts and panels create a customizable solution, and the front cover features a smoked acrylic window for product visibility. This innovative rack can be configured and wired off site, and allows for easy, single-person installation that reduces on-site time and labor costs. The UTR 104 rack has a black finish for discreet integration.

FEATURES

- 4U, 19" equipment rack
- Rack mounts directly to the under-surface of furniture
- Accommodates a combination of full-, half-, quarter-, or eighth-rack width products
- Bottom panel features a vent pattern designed for efficient heat removal and openings for cable management
- Ships partially assembled for quick installation
- Rack can be pre-commissioned off site



UTR 104 shown with optional items



UTR 104 K

NOW SHIPPING

Model	Version Description	Part Number
UTR 104	4U Rack Mount Frame, Black	70-1323-04
UTR 104 FRP	Front & Rear Panels for UTR 104	70-1323-24
UTR 104 SP	Side Panels for UTR 104	70-1323-34
UTR 148 BP	Bottom Panel for UTR 104	70-1323-42
UTR 104 K	UTR 104 Rack w Optional Panels	42-334-04

ACCESSORIES

PI 130

High Power Injector for XTP and Pro Series Control Systems

The Extron PI 130 is a single port high power injector that provides power to any PoE+ 802.3at compatible device, eliminating the need for a local power supply. Designed specifically for the high data rates of XTP Systems®, signal quality is unaffected when using the high power injector. For design flexibility, it can be installed anywhere within a signal path as well as in point-to-point applications. The compact enclosure of the power injector enables it to be installed in small spaces and the included Extron ZipClip® 200 mounting kit provides installation flexibility.

FEATURES

- Supplies the required power to compatible PoE+ 802.3at devices and select XTP devices
- Designed specifically for the high data rates of XTP Systems
- No impact on signal quality
- Patented ZipClip® 200 mounting kit included:
 - Mounts securely on a variety of surfaces, including rack rails, tables, lecterns, projector poles, and table legs
 - Wire tie slots for proper strain relief and dressing of excess cable
 - Quick release tab allows for easy installation and removal
- Real-time status LEDs for troubleshooting and monitoring
- UL/c-UL listed and CE compliant



NOW SHIPPING

Model	Version Description	Part Number
PI 130	Single Port High Power Injector	60-1361-02

For updated product availability, go to www.extron.com



Your Ultimate Guide for Transforming Collaboration Spaces

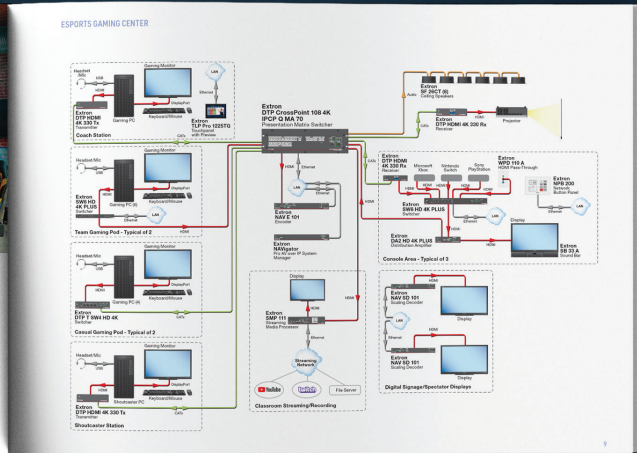
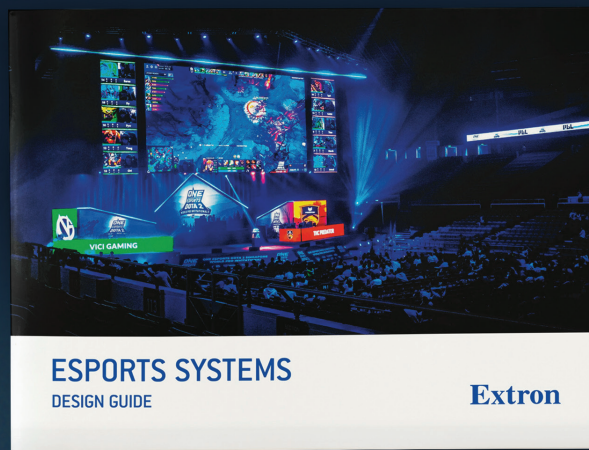
We are very pleased to announce our Enterprise Technologies Guide; your ultimate guide for transforming collaboration spaces. The guide is focused on challenges that IT and AV technology managers face with modern workspace AV designs and how Extron can help. Inside, you'll find the secrets to empowering your workforce with seamless collaboration – anywhere and anytime, all while keeping technology out of the way.

Topics Covered Include:

- Design considerations
- Space management
- AV resource management
- Room resource management
- Deployment strategies
- Interoperability
- Security
- ...and more.



To learn more, visit [extron.com/etguide](https://www.extron.com/etguide)



Newly Expanded Esports Systems Design Guide Now Available

Due to the diversity and customized nature of esports systems, designing them demands a tailored approach to meet the specific needs of each space. Whether you're well-versed in esports environment development or just exploring your options, starting with a purpose-built AV system is critical. The newest edition of our Esports Systems Design Guide steps you through popular design examples, AV system infrastructure, product selection, and important design considerations. It also features a case study that details the experiences of building a competitive esports space. This guide will help you deliver an experience that thrills both players and spectators alike.

New and Expanded Sections:

- Discuss high-performance signal distribution and supporting infrastructure
- Feature several detailed design examples of common esports spaces
- Cover important design considerations and implementation strategies
- Explore key AV elements to include in all esports systems
- Explain the benefits of esports in education for both the institution and students

To learn more, visit extron.com/esports



Extron Enterprise Technologies

A solid understanding of core technologies is essential when scoping and designing Pro AV systems that connect and collaborate across an enterprise. In our immersive Extron Enterprise Technologies course, you'll explore diverse environments and the solutions implemented to create an optimal user experience. This interactive instructor-led training will guide you through the decision making of everyday AV scenarios to prepare you for real-world success.

Focus Room: Professional, user-friendly systems with touchless control

Explores the need for well-designed and properly-equipped collaboration spaces:

- Minimalistic technology to accommodate scheduled and impromptu meetings
- Data rate, color bit depth, and chroma sampling
- Digital video, enhanced audio, and automated control distribution

Meeting Space: Enhanced meetings and video collaboration with USB

Defines collaboration technologies for modern high-performance meeting rooms:

- Signal processing elevates meeting space experience
- USB video technology for AV sources and unified communication
- Sound reinforcement with Extron DSP, XPA amplifiers, and loudspeakers

Divisible Training Space and Overflow Classroom: Optimizing long distance signal distribution

Clarifies strategy for a consistent user experience:

- Signal extension through twisted pair cable management
- Standardizing on XTP and/or DTP systems to enhance functionality
- Optimize thermal management to reduce costs

Event Center: Distributing audio and video over the network

Details the requirements and settings needed to deploy a Pro AV over IP solution:

- IP-based video and audio switching over a 1G and 10G Ethernet network
- AES67 and Dante technology distribute uncompressed digital audio signal over local and wide area networking
- Extending full system control with Extron virtual control systems and secure platform devices

Lobby and Facility Operations: High-quality imagery for public displays and mission-critical videowalls

Outlines the functionality considerations for displaying one or more sources:

- Displayed information can be dynamically customized through Extron technologies
- Proper display type, size, and configuration, as well as processors to meet system requirements
- Videowall processor attributes and advantages that cannot be duplicated by alternative means

Extron Case Studies: Alternative design solutions

Leverage physical space and technology infrastructure to meet evolving requirements:

- Transform a workout room to an esports center
- Validate a proof of concept for a health sciences building
- Integrate a facility-wide solution for accessibility

Secure and Intelligent Enterprise: Developing support strategies for AV systems

Insights on Extron's expertise and strategic approach to supporting and safeguarding AV systems and enterprise management:

- Various support methods between the manufacturer, integrator, client, and end user
- Extron's powerful and flexible way to manage, monitor, and control AV devices
- Service, Support, and Solutions that represent Extron enterprise-wide technology and system strategies

To learn more, visit extron.com/etcourse



Extensive Collection of Technology Training

Self-Paced and Instructor-led Courses for Advancement and Certification

Our training fits into your schedule whether you opt for our self-paced online courses or online instructor-led classes. The flexibility of our training honors your time while maintaining a comprehensive education with manageable self-paced lessons or an interactive instructor-led hands-on experience. Whether you have an hour or half-a-day available, you can gain valuable AV industry knowledge safely from home or the office. All courses and classes offer renewal units for AVIXA and BICSI industry certifications.

Self-Paced Online Training

XTP Systems Engineer – XTP-E

Certification

- Understand the general principles and best practices of XTP system design
- Identify the functionality of the XTP product line and software applications
- Navigate within the XTP configuration software and become familiar with the layout, functionality, and features
- Demonstrate how to properly design and validate a series of XTP systems

Extron ProDSP Specialist - EDSP

Certification

- Learn to deploy and maintain AV systems that include Extron ProDSP products
- Explore advanced features within Extron DSP Configurator Software
- Demonstrate mastery of DSP system configuration, control, management, and troubleshooting

AV Principles – AVP

Course Collection

Independent online courses for various Extron and AV technology disciplines:

- Audio Principles
- Connectivity Principles
- Control Principles
- EDID and HDCP Principles
- Extron ProDSP Principles
- Fiber Optic Principles
- GUI Design Principles
- Implementing and Validating XTP System Principles
- MediaLink Plus Controller Configuration
- Networking Principles
- Signal Processing and Distribution Principles
- Streaming Principles
- Switching and Management with XTP Principles
- USB Principles
- Video Principles
- Wireless Principles

Extron Control Specialist – ECS

Certification

- Design and configure an Extron control system using Extron GUI Designer and Extron Global Configurator® Plus software
- Focus on control system versatility and customization for a wide range of applications and remote system management
- Learn to successfully deploy and maintain customized AV control systems

Extron AV Associate – EAVA

Certification

- Designed to give you an up-to-date and comprehensive knowledge of several technologies within AV
- Provide greater awareness of Extron product solutions and improved understanding of system applications
- Complete the modules at your own pace for industry-wide accreditation
- Foundational education to advance your career in the AV industry

To learn more, visit extron.com/training



Connect and Engage with Online Classes

We offer a unique online instructor-led experience designed to empower system designers, consultants, and sales professionals. Led by our seasoned trainers, these small interactive classes focus on current and future AV technologies. When taking a certification, you will actively participate with live Extron hardware and learn best practices to deploy Extron solutions.

Instructor-Led Online Classes

Technology Workshop Series

Modular-based sessions with concentration on essential AV infrastructure topics such as:

- Audio
- Control
- Esports
- AV over IP
- Record and Stream
- USB
- Video Technologies

NEW Optimizing USB-C in Pro AV Applications

Workshop

As an AV professional, learn the advantages and limitations of USB, in order to optimize its use in a Pro AV environment:

- Gain a firm knowledge of USB operation and standards
- Understand unique USB design considerations
- Identify how Extron USB products integrate within Pro AV systems

Extron Control Professional-ECP

Certification

- Learn Global Configurator Professional software, and advanced configuration
- Develop sophisticated control system design concepts and advanced configuration techniques
- Create custom control interfaces using GUI Designer software
- Validate a live Q xi Series control system in multiple AV environments

Extron Authorized Programmer-EAP

Certification

- 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

Extron Network AV Specialist-NAVS

Certification

- Best practices for networked AV system design and deployment
- Understanding Pro AV over IP
- Configuration of point-to-point and multipoint-to-multipoint networked AV systems
- Overview of NAV Pro AV over IP encoders, decoders, and software
- When and how to deploy NAVigator Pro AV over IP System Manager
- Effective fault identification, troubleshooting, and commissioning of NAV system

Extron Enterprise Technologies

Organizations seek Pro AV solutions that connect, collaborate, and problem solve across their enterprise. In our immersive Enterprise Technologies course, you'll learn how to create an ideal user experience when implementing AV systems in diverse environments. In this instructor-led training, we'll explore real-world scenarios to enhance your understanding and prepare you for success.

To learn more, visit [extron.com/training](https://www.extron.com/training)



Extron Satisfaction Guarantee

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 40 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 chairman@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.

A handwritten signature in black ink, reading "Andrew C. Edwards", is positioned above the printed name and title.

Andrew C. Edwards
Chairman of the Board





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