2025 NEW PRODUCTS
FIRST EDITION

Extron

DTP3 IN2004 Series

DTP3 SYSTEMS

18 Gbps 4K/60 4:4:4

Small But Mighty
Switching, Processing, and Extension in One Compact Unit

The Extron DTP3 IN2004 Series are compact four-input scalers that support video resolutions up to 4K/60 at 4:4:4 and incorporate Extron DTP3 technology to extend AV and control signals up to 330 feet (100 meters) over a shielded CAT 6A cable. Integrating HDMI and audio sources into presentation systems, the DTP3 IN2004 Series features Extron-patented Vector™ 4K scaling technology engineered for critical video processing applications. All models deliver fast and reliable switching and provide capabilities such as seamless transition effects, logo keying, configurable input loop-through, audio embedding/de-embedding, mixing, and ducking. Loaded with these capabilities and more, the DTP3 IN2004 Series is ideal for boardrooms, lecture halls, and other professional AV venues. When signal extension is not needed, the IN2004 is also available.

Features:

- Integrates HDMI and audio sources into presentation systems
- Advanced Extron Vector™ 4K scaling engine
- Selectable seamless switching transitions
- Logo image keying and display

- Integrated audio mixing, level, ducking, and mute control
- Integrated DTP3 extension supports transmission of video, audio, and control up to 330' (100 m) over a shielded CAT 6A cable

Compatible with DTP3 and first-generation DTP endpoints

To learn more, visit extron.com/dtp3in2004

DTP SYSTEMS

DTP3 IN2004 Series
Four Input 4K/60 Seamless Scaling Switcher with DTP3 Extension

The Extron DTP3 IN2004 Series are compact four-input scalers that support video resolutions up to 4K/60 at 4:4:4 and incorporate Extron DTP3 technology to extend AV and control signals up to 330 feet (100 meters) over a shielded CAT 6A cable. Integrating HDMI and audio sources into presentation systems, the DTP3 IN2004 Series features Extron-patented Vector™ 4K scaling technology engineered for critical video processing applications. All models deliver fast and reliable switching and provide features such as seamless transition effects, logo keying, configurable input loop-through, audio embedding/de-embedding, mixing, and ducking. Loaded with these capabilities and more, the DTP3 IN2004 Series is ideal for boardrooms, lecture halls, and other professional AV venues. When signal extension is not needed, the IN2004 is also available.

FEATURES
- Integrates HDMI and audio sources into presentation systems
- Advanced Extron Vector™ 4K scaling engine
- Selectable seamless switching transitions
- Logo image keying and display
- Auto-switching between inputs
- Integrated audio mixing, level, ducking, and mute control
- Integrated DTP3 extension supports transmission of video. audio, and control up to 330' (100 m) over a shielded CAT 6A cable

DTP3 IN2004 DO

DTP3 IN2004 DI/DO

DTP3 SYSTEMS

18 Gbps
4K/60 4:4:4

VECTOR 4K
SCALING

Model	Version Description	Part Number
DTP3 IN2004 DO	Four Input 4K/60 Scaler, DTP3 Output	60-1962-02
DTP3 IN2004 DI/DO	Four Input 4K/60 Scaler, DTP3 I/O	60-1962-03

IN2004
Four Input 4K/60 Seamless Scaling Switcher

The Extron IN2004 is a compact four-input scaler that supports video resolutions up to 4K/60 at 4:4:4. Integrating HDMI and audio sources into presentation systems, it incorporates Extron-patented Vector™ 4K scaling technology specifically engineered for critical video processing applications. The IN2004 delivers fast and reliable automatic switching and provides advanced features such as seamless transition effects, logo keying, configurable input loop-through, audio embedding/de-embedding, mixing, and ducking. Loaded with these capabilities and more, the IN2004 is ideal for board rooms, collaboration spaces, and other professional AV venues. For lecture halls and larger installations spanning long distances, the DTP3 IN2004 Series with DTP3 extension of AV and control signals is also available.

FEATURES
- Integrates HDMI and audio sources into presentation systems
- Advanced Extron Vector™ 4K scaling engine
- Selectable seamless switching transitions
- Logo image keying and display
- Auto-switching between inputs
- Integrated audio mixing, level, ducking, and mute control

IN2004

18 Gbps
4K/60 4:4:4

VECTOR 4K
SCALING

Model	Version Description	Part Number
IN2004	Four Input 4K/60 Scaler	60-1962-01

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

Europe	Middle East	Asia	China	Japan
+31.33.453.4040 / 00800.3987.6673	+971.4.299.1800	+65.6383.4400 / +800.7339.8766	+86.21.3760.1568 / +4000.398766	+81.3.3511.7655
+31.33.453.4050 FAX	+971.4.299.1880 FAX	+65.6383.4664 FAX	+86.21.3760.1566 FAX	+81.3.3511.7656 FAX

1

Extron

One Box that Checks All the Boxes

DTP3
SYSTEMS

The DTP3 CrossPoint Series of configurable presentation matrix switchers deliver high-performance matrix switching with HDMI and DTP3 inputs and outputs, audio DSP with AEC, Dante®, a power amplifier, and a control processor, all in a single box. Other professional capabilities include Vector™ 4K video scaling on all outputs, seamless switching, logo keying, signal extension up to 330 feet (100 meters) over shielded CAT 6A cable, and more. The DTP3 CrossPoint® Series is the industry's first matrix switcher line to feature assignable twisted pair inputs and outputs. Select DTP3 ports can be assigned as inputs or outputs, enabling one unit to support multiple matrix sizes to suit the unique needs of each project. These full-featured presentation matrix switchers are highly versatile and ideal for content delivery to multiple displays, such as in public venues, corporate spaces, and instructional multi-purpose and divisible rooms.

Features:

- All-in-one 4K/60 switchers with selectable matrix configurations, scaling, audio DSP plus AEC, audio power amplifier, and control processor

- Integrated DTP3 inputs and outputs

- Supports video resolutions up to 4K/60 with 4:4:4 color sampling

- Remote powering of DTP3 and DTP transmitters and receivers

- Configurable USB audio interface

- Dante® audio networking and AES67 support provides a wide range of expansion capabilities

- Available energy efficient Class D amplifier with selectable output power modes:
  - 100 watts stereo into 4 ohms or 8 ohms
  - 200 watts mono into 8 ohms
  - 200 watts mono into 70 V or 100 V

- Available with integrated IPCP Pro 360MQ xi control processor

- Available with built-in ShareLink® Pro presentation system on select models

DTP3 CrossPoint Matrix Switchers are available in four sizes

DTP3 CrossPoint 642
Configurable from 6x6 to 8x4

DTP3 CrossPoint 622
Configurable from 6x4 to 8x2

DTP3 CrossPoint 662
Configurable from 6x8 to 8x6

DTP3 CrossPoint 884
Configurable from 8x12 to 12x8

To learn more, visit extron.com/DTP3crosspoint

DTP SYSTEMS

DTP3 CrossPoint 884

4K/60 Presentation Matrix Switcher Configurable from 8x12 to 12x8

The Extron DTP3 CrossPoint 884 is a configurable matrix switcher with HDMI and DTP3 inputs and outputs, audio DSP with AEC, a power amplifier, and a control processor. It provides complete system integration for large AV systems in a 3U enclosure, supporting AV applications with multiple displays, sound reinforcement, and system control. The DTP3 ports extend video, audio, and RS-232 up to 330 feet (100 meters) over a shielded CAT 6A cable. Four reversible DTP3 ports allow matrix sizes from 8x12 to 12x8. All inputs and outputs support resolutions up to 4K/60 4:4:4, with all outputs driven by Extron Vector™ 4K scaling technology to provide seamless switching and logo keying. The Extron ProDSP™ audio digital signal processor built into the DTP3 CrossPoint 884 can connect to a Dante® network and a second Extron DSP for I/O expansion.

FEATURES

- All-in-one configurable 4K/60 matrix switcher, scaler, audio DSP with AEC, audio power amplifier, and control processor
- Integrated DTP3 inputs and outputs support transmission of uncompressed video, audio, power, and control up to 330' (100 m) over a shielded CAT 6A cable
- Supports video resolutions up to 4K/60 with 4:4:4 color sampling
- Dante® audio networking with Dante Domain Manager and AES67 support provides a wide range of expansion capabilities
- Configurable USB Audio Interface
- Available with energy efficient Class D amplifier with selectable output power modes:
  - Two 100 watt channels into 4 or 8 ohms
  - One 200 watt bridged channel into 8 ohms
  - One 200 watt 70 V or 100 V channel
- Available with integrated IPCP Pro 360MQ xi control processor
- Supports LinkLicense for user interfaces®

Model	Version Description	Part Number
DTP3 CrossPoint 884	Standard Model	60-1696-01
DTP3 CrossPoint 884 IPCP A	Control Processor and Amplifier	60-1696-12
DTP3 CrossPoint 884 IPCP A LL	Control Processor and Amplifier, LL UI Upgrade	60-1696-12A

DTP3 CrossPoint 662

4K/60 Presentation Matrix Switcher Configurable from 6x8 to 8x6

The Extron DTP3 CrossPoint 662 is a configurable matrix switcher with HDMI and DTP3 inputs and outputs, audio DSP with AEC, a power amplifier, and a control processor. It provides complete system integration for AV systems in a 2U enclosure, supporting AV applications with multiple displays, sound reinforcement, and system control. The DTP3 ports extend video, audio, and RS-232 up to 330 feet (100 meters) over a shielded CAT 6A cable. Two reversible DTP3 ports allow matrix sizes from 8x6 to 6x8. All inputs and outputs support resolutions up to 4K/60 4:4:4, with all outputs driven by Extron Vector™ 4K scaling technology to provide seamless switching and logo keying. The Extron ProDSP™ audio digital signal processor built into the DTP3 CrossPoint 662 can connect to a Dante® network and a second Extron DSP for I/O expansion.

FEATURES

- All-in-one configurable 4K/60 matrix switcher, scaler, audio DSP with AEC, audio power amplifier, and control processor
- Integrated DTP3 inputs and outputs support transmission of uncompressed video, audio, power, and control up to 330' (100 m) over a shielded CAT 6A cable
- Supports video resolutions up to 4K/60 with 4:4:4 color sampling
- Dante® audio networking with Dante Domain Manager and AES67 support provides a wide range of expansion capabilities
- Available with energy efficient Class D amplifier with selectable output power modes:
  - Two 100 watt channels into 4 or 8 ohms
  - One 200 watt bridged channel into 8 ohms
  - One 200 watt 70 V or 100 V channel
- Available with ShareLink Pro Wireless Presentation System

Model	Version Description	Part Number
DTP3 CrossPoint 662	Standard Model	60-1694-01
DTP3 CrossPoint 662 IPCP A	Control Processor and Amplifier	60-1694-12
DTP3 CrossPoint 662 IPCP A LL	Control Processor and Amplifier, LL UI Upgrade	60-1694-12A
DTP3 CrossPoint 662 IPCP A SL	Control Processor, Amplifier and ShareLink	60-1694-13
DTP3 CrossPoint 662 IPCP A SL LL	Control Processor, Amplifier, ShareLink, LL UI Upg . . .	60-1694-13A

Extron

DTP SYSTEMS

DTP3 CrossPoint 642
4K/60 Presentation Matrix Switcher Configurable from 6x6 to 8x4

The Extron DTP3 CrossPoint 642 is a configurable matrix switcher with HDMI and DTP3 inputs and outputs, audio DSP with AEC, a power amplifier, and a control processor. It provides complete system integration for AV systems in a 2U enclosure, supporting AV applications with multiple displays, sound reinforcement, and system control. The DTP3 ports extend video, audio, and RS-232 up to 330 feet (100 meters) over a shielded CAT 6A cable. Two reversible DTP3 ports allow matrix sizes from 6x6 to 8x4. All inputs and outputs support resolutions up to 4K/60 4:4:4, with all outputs driven by Extron Vector™ 4K scaling technology to provide seamless switching and logo keying. The Extron ProDSP™ audio digital signal processor built into the DTP3 CrossPoint 642 can connect to a Dante® network and a second Extron DSP for I/O expansion.

FEATURES
- All-in-one configurable 4K/60 matrix switcher, scaler, audio DSP with AEC, audio power amplifier, and control processor
- Integrated DTP3 inputs and outputs support transmission of uncompressed video, audio, power, and control up to 330' (100 m) over a shielded CAT 6A cable
- Supports video resolutions up to 4K/60 with 4:4:4 color sampling
- Dante® audio networking with Dante Domain Manager and AES67 support provides a wide range of expansion capabilities
- Available with energy efficient Class D amplifier with selectable output power modes:
  - Two 100 watt channels into 4 or 8 ohms
  - One 200 watt bridged channel into 8 ohms
  - One 200 watt 70 V or 100 V channel
- Integrated ShareLink Pro Wireless Presentation System on select models

Model	Version Description	Part Number
DTP3 CrossPoint 642	Standard Model	60-1661-01
DTP3 CrossPoint 642 IPCP A	Control Processor and Amplifier	60-1661-12
DTP3 CrossPoint 642 IPCP A LL	Control Processor and Amplifier, LL UI Upgrade	60-1661-12A
DTP3 CrossPoint 642 IPCP A SL	Control Processor, Amplifier and ShareLink	60-1661-13
DTP3 CrossPoint 642 IPCP A SL LL	Control Processor, Amp, ShareLink, LL UI Upgrade	60-1661-13A

DTP3 CrossPoint 622
4K/60 Presentation Matrix Switcher Configurable from 6x4 to 8x2

The Extron DTP3 CrossPoint 622 is a configurable matrix switcher with HDMI and DTP3 inputs and outputs, audio DSP with AEC, a power amplifier, and a control processor. It provides complete system integration for AV systems in a 2U enclosure, supporting AV applications with multiple displays, sound reinforcement, and system control. The DTP3 ports extend video, audio, and RS-232 up to 330 feet (100 meters) over a shielded CAT 6A cable. Two reversible DTP3 ports allow matrix sizes from 6x4 to 8x2. All inputs and outputs support resolutions up to 4K/60 4:4:4, with all outputs driven by Extron Vector™ 4K scaling technology to provide seamless switching and logo keying. The Extron ProDSP™ audio digital signal processor built into the DTP3 CrossPoint 622 can connect to a Dante® network and a second Extron DSP for I/O expansion.

FEATURES
- All-in-one configurable 4K/60 matrix switcher, scaler, audio DSP with AEC, audio power amplifier, and control processor
- Integrated DTP3 inputs and outputs support transmission of uncompressed video, audio, power, and control up to 330' (100 m) over a shielded CAT 6A cable
- Supports video resolutions up to 4K/60 with 4:4:4 color sampling
- Dante® audio networking with Dante Domain Manager and AES67 support provides a wide range of expansion capabilities
- Available with energy efficient Class D amplifier with selectable output power modes:
  - Two 100 watt channels into 4 or 8 ohms
  - One 200 watt bridged channel into 8 ohms
  - One 200 watt 70 V or 100 V channel
- Integrated ShareLink Pro Wireless Presentation System on select models

Model	Version Description	Part Number
DTP3 CrossPoint 622	Standard Model	60-1570-01
DTP3 CrossPoint 622 IPCP A	Control Processor and Amplifier	60-1570-12
DTP3 CrossPoint 622 IPCP A LL	Control Processor and Amplifier, LL UI Upgrade	60-1570-12A
DTP3 CrossPoint 622 IPCP A SL	Control Processor, Amplifier and ShareLink	60-1570-13
DTP3 CrossPoint 622 IPCP A SL LL	Control Processor, Amplifier, ShareLink, LL UI Upg	60-1570-13A

Extron

USA West
+1.714.491.1500 / +800.633.9876
+1.714.491.1517 FAX

USA East
+1.919.850.1000 / +800.633.9876
+1.919.850.1001 FAX

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

DTP3 SYSTEMS

18 Gbps 4K/60 4:4:4

NOW SHIPPING

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

SPECIALIZED PRODUCTS

EDID 111H 4K PLUS
4K/60 HDMI EDID Emulator with EDID Minder® Plus

The Extron EDID 111H 4K PLUS is an EDID emulator for 4K/60 HDMI sources that require up to four EDID memory blocks to convey capabilities. It features EDID Minder® Plus, an Extron-exclusive technology that accommodates up to a 512-byte EDID and DisplayID data structures that convey advanced features to reliably display 4K, select 5K, and 21:9 aspect ratio content. The EDID 111H 4K PLUS provides automatic and continuous EDID management and ensures content is at the optimal resolution and frame rate upon power up. Pre-stored EDID information is sent to a source based on the user-selected resolution and refresh rate. The emulator can also capture and store the EDID profile from a connected display. It supports signals up to 4K/60 @ 4:4:4 at data rates up to 18 Gbps with HDR.

FEATURES

- Enhanced 512-byte EDID emulation
- EDID Minder® Plus automatically manages EDID communication between connected devices
- Selectable resolutions and refresh rates
- EDID capture mode
- Support for HDR – High Dynamic Range video
- 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
- Supports computer and video resolutions up to 4K/60 @ 4:4:4
- HDCP 2.3 compliant
- User-selectable HDCP authorization
- Automatic HDMI input cable equalization

18 Gbps 4K/60 4:4:4

EVERLAST

NOW SHIPPING

Model	Version Description	Part Number
EDID 111H 4K PLUS	Enhanced EDID Emulator for 4K/60 HDMI	60-1680-02

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

Europe	Middle East	Asia	China	Japan	
+31.33.453.4040 / 00800.3987.6673	+971.4.299.1800	+65.6383.4400 / +800.7339.8766	+86.21.3760.1568 / +4000.398766	+81.3.3511.7655	
+31.33.453.4050 FAX	+971.4.299.1880 FAX	+65.6383.4664 FAX	+86.21.3760.1566 FAX	+81.3.3511.7656 FAX	**Extron**

5

Quantum Ultra II

Extend the Reach of Your Quantum Ultra II System with New DTP3 Cards

It is now easier than ever to integrate a Quantum Ultra II with an expansive AV system. Our new Quantum DTP3 input and output cards simplify connectivity to distant sources and displays over twisted pair cabling. They support signals up to 4K/60 at distances up to 330' (100m) when paired with the appropriate DTP transmitter or receiver. Power insertion enables remote powering of DTP3 endpoints, and to simplify source device control, RS-232 can be inserted from the processor's Ethernet control port. No matter how your system is configured, the new Quantum IN4DTP3 and OUT4DTP3 cards makes interfacing every element a simple task.

Features:

- Four-channel DTP3 input and output cards for Quantum Ultra II

- Supports 4K/60, 4:4:4 video and embedded audio signals across a single twisted pair cable

- Twisted pair format is selectable per channel between DTP3, DTP, and XTP modes

- Quantum IN4DTP3 card allows selection of either twisted pair or HDMI input

- Each Quantum OUT4DTP3 output features a buffered HDMI output

Quantum IN4DTP3

Quantum OUT4DTP3

Model	Version Description	Part Number
Quantum IN4DTP3	Four-channel 4K/60 DTP3 Input Card...	Call
Quantum OUT4DTP3	Four-channel 4K/60 DTP3 Output Card..	Call

To learn more, visit extron.com/quantum2

VIDEOWALL PROCESSORS

Quantum OUT32AT
Dante Audio Output Card for Quantum Ultra II

The Quantum OUT32AT is a Dante® audio output card for Quantum Ultra II. It delivers up to 32 LPCM stereo pairs from the videowall system to a Dante audio network. Audio for each Dante stereo pair can be fixed to a source connected to a Quantum IN4HDMI 4K PLUS, IN4DTP3, or IN4FOX3 input card. Alternatively, the audio selection can follow the active program audio for any of the 20 available canvases. Audio mapping is performed using VCS software and SIS, with Dante Controller software enabling advanced card configuration. Primary and secondary Dante Ethernet ports provide redundancy for maximum uptime. Quantum® Ultra II is the next generation of Extron videowall processors, providing advanced, future-ready connectivity and throughput capabilities.

FEATURES

- Delivers up to 32 LPCM stereo pairs to a Dante® network
- Select to follow the active audio from any canvas or discrete program audio from a Quantum Ultra II IN4FOX3, IN4DTP3, or HDMI 4K PLUS card
- Includes Two Dante Ethernet ports
- Cost effective audio management
- Select audio for a Dante network using Extron VCS - Videowall Configuration Software or remotely with SIS™ - Simple Instruction Set commands
- Compatible with Quantum IN4HDMI 4K PLUS and Quantum IN4FOX3 cards
- Compatible with Dante Controller software
- Enables Dante audio networking with Dante Domain Manager for Quantum Ultra II systems

| Model	Version Description	Part Number
Quantum OUT32AT	Dante Audio Output Card . . . . Call	

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
- Control videowalls from up to 10 devices simultaneously
- Audio Source Selection
- **NEW** Up to 50 login accounts with Admin, Designer, or User Permission Levels
- **NEW** Canvas Access Permissions
- **NEW** Source Access Permissions
- **NEW** Manage up to 20 videowalls with varying resolutions and screen arrangements
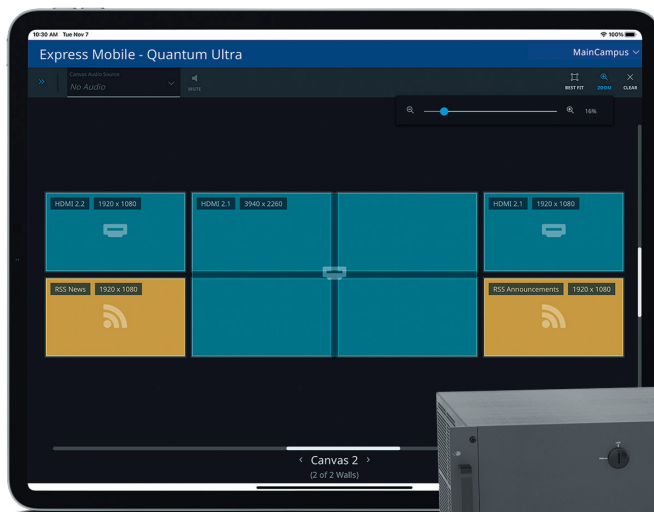
NOW AVAILABLE

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

Extron

XTP II 8K Fiber

Uncompromised 8K Switching and Extension

Our new XTP II 8K Fiber products deliver another leap forward with industry-leading capabilities for XTP Systems®. They support HDMI 2.1 data rates up to 40.1 Gbps for switching and extension of uncompressed 8K/60 video. The XTP II FT 402 8K transmitter supports HDMI and DisplayPort sources and the XTP II FR 401 8K provides XTP® Fiber and HDMI inputs for added versatility. The XTP II CP 4i F 8K boards offer four selectable fiber or HDMI inputs and the XTP II CP 4o SF 8K boards feature four scaled fiber outputs with local, unscaled HDMI ports. All XTP II 8K Fiber products support extension of 1 Gbps Ethernet signals. XTP II 8K Fiber products leverage the 50 Gbps backplane of XTP II CrossPoint® Series matrix switchers to deliver the highest level of performance and reliability in the industry. You are always future-ready with XTP Systems.

Features:

- Next-level performance for new and existing systems
- Switch and extend 8K video, audio, control, and Ethernet over fiber
- Two-input 8K transmitters and receivers with auto-switching
- 8K input boards with assignable XTP Fiber or HDMI inputs
- 8K output boards with scaled fiber and local, unscaled HDMI outputs
- Available as a multimode model for moderate-range transmissions up to 400 meters (1,312 feet) and a singlemode model for extreme distances up to 10 km (6.21 miles)
- Extend 1 Gbps Ethernet to expand network access and AV device control
- Endpoint support for audio embedding and de-embedding

- Comprehensive EDID management
- Easy setup and commissioning with Extron XTP System Configuration Software

Compatible with all XTP II CrossPoint Matrix Switchers

To learn more, visit extron.com/xtpii8kfiber

XTP II SYSTEMS

XTP II FT 402 8K
8K Fiber Optic Transmitter for HDMI & DisplayPort

The XTP II FT 402 8K two-input 8K transmitter sends HDMI or DisplayPort, audio, control, and 1 Gbps Ethernet over two fiber optic cables. This HDCP 2.3-compliant transmitter accepts data rates up to 40.1 Gbps for support of HDMI resolutions up to 8K/60, including 5K for Microsoft® Teams® rooms. It accommodates DisplayPort resolutions up to 4K/60. The transmitter features auto switching between inputs, analog stereo audio embedding, and local HDMI loop-through. Ethernet extension and insertion of bidirectional RS-232 allow LAN access and remote AV device control. Signals can be sent up to 400 meters (1,312 feet) over OM4 multimode fiber optic cable and up to 10 km (6.21 miles) when using singlemode cable. The XTP II FT 402 8K is ideal for systems requiring secure, long-distance transmission of high data rate sources from a remote location.

FEATURES
- Transmits HDMI or DisplayPort, audio, bidirectional RS-232, and 1 Gbps Ethernet over two fiber optic cables
- Supports HDMI computer and video resolutions up to 8K/60
- Supports DisplayPort computer and video resolutions up to 4K/60
- HDMI output enables local display of the selected input
- Auto-switching between inputs
- 1 Gbps Ethernet extension

XTP II FT 402 8K MM

Model	Version Description	Part Number
XTP II FT 402 8K MM	8K HDMI & DisplayPort Transmitter - Multimode	60-1779-11
XTP II FT 402 8K SM	8K HDMI & DisplayPort Transmitter - Singlemode	60-1779-12

XTP II FR 401 8K
8K Fiber Optic Receiver with local HDMI Input

The XTP II FR 401 8K two-input 8K HDMI receiver extends video, audio, control, and 1 Gbps Ethernet over two fiber optic cables. This HDCP 2.3-compliant receiver accepts data rates up to 40.1 Gbps for support of HDMI resolutions up to 8K/60, including 5K for Microsoft® Teams® rooms. It features one XTP® input, a local HDMI input, and one HDMI output. For streamlined integration, it provides auto-switching, audio de-embedding, and relays for room control. Ethernet extension and insertion of bidirectional RS-232 allow LAN access and remote AV device control. Signals can be delivered up to 400 meters (1,312 feet) over OM4 multimode fiber optic cable and up to 10 km (6.21 miles) when using singlemode cable. The XTP II FR 401 8K is ideal for systems requiring secure, long-distance transmission of high data rate sources from a remote location.

FEATURES
- Receives video with embedded audio, bidirectional RS-232, along with 1 Gbps Ethernet over two fiber optic cables
- Supports HDMI computer and video resolutions up to 8K/60
- HDMI input is ideal for connecting to a local source, such as a laptop or ShareLink® wireless collaboration gateway
- Auto-switching between inputs
- 1 Gbps Ethernet extension
- HDMI audio de-embedding with analog stereo outputs

XTP II FR 401 8K

Model	Version Description	Part Number
XTP II FR 401 8K MM	8K HDMI Receiver - Multimode	60-1527-21
XTP II FR 401 8K SM	8K HDMI Receiver - Singlemode	60-1527-22

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

Europe	Middle East	Asia	China	Japan
+31.33.453.4040 / 00800.3987.6673	+971.4.299.1800	+65.6383.4400 / +800.7339.8766	+86.21.3760.1568 / +4000.398766	+81.3.3511.7655
+31.33.453.4050 FAX	+971.4.299.1880 FAX	+65.6383.4664 FAX	+86.21.3760.1566 FAX	+81.3.3511.7656 FAX

9

Extron

XTP II SYSTEMS

XTP II CP Fiber 8K I/O Boards
8K XTP II Fiber Optic Input and Output Boards

The XTP II CP Fiber 8K Input and Output Boards enable long-haul extension of 8K video with embedded audio, RS-232, and 1 Gbps Ethernet. These HDCP 2.3 compliant boards support video signals up to 8K/60 over two fiber optic cables. The XTP II CP 4i F 8K input board features selectable XTP fiber and HDMI inputs for design flexibility. The XTP II CP 4o SF 8K output board features scaled XTP fiber and local unscaled HDMI outputs. Ethernet extension and insertion of bidirectional RS-232 allow LAN access and remote AV device control. These boards support signal extension up to 400 meters (1,312 feet) over OM4 multimode cable and up to 10 km (6.21 miles) with singlemode cable. XTP II 8K Fiber I/O boards are the ideal solution for XTP Systems® that require secure, long-distance transmission of high data rate sources between remote locations.

FEATURES
- Four selectable XTP fiber or HDMI inputs
- Four Scaled XTP fiber with local, unscaled HDMI outputs
- Extends video, audio, bidirectional RS-232, and Ethernet over two fiber optic cables
- Supports HDMI computer and video resolutions up to 8K/60
- Advanced Extron Vector™ 4K scaling engine
- 1 Gbps Ethernet extension
- Available as multimode models for moderate-range transmissions up to 400 meters (1,312 feet) and singlemode models for extreme distances up to 10 km (6.21 miles)

XTP II CP 4i F 8K MM

XTP II CP 4o SF 8K MM

Model	Version Description	Part Number
XTP II CP 4i F 8K MM	Four Input Board, Fiber 8K - Multimode	70-1114-01
XTP II CP 4i F 8K SM	Four Input Board, Fiber 8K - Singlemode	70-1114-02
XTP II CP 4o SF 8K MM	Four Output Board, Scaling, Fiber 8K - Multimode	70-1301-01
XTP II CP 4o SF 8K SM	Four Output Board, Scaling, Fiber 8K - Singlemode	70-1301-02

XTP CP 12G-SDI I/O Boards
12G-SDI Input and Output Boards

The Extron XTP CP 12G-SDI Input and Output Boards provide direct 12G-SDI connectivity within XTP Systems®. These XTP® I/O boards support 12G-SDI, 6G-SDI, 3G-SDI, and HD-SDI video signal data rates up to 11.88 Gbps and pass embedded audio. The XTP CP 4i 12G-SDI input board passes ancillary data allowed by the SMPTE and ITU specifications on the SDI loop-throughs. The buffered SDI and HDMI loop-through connections deliver added convenience, accommodating local displays. For flexible audio management and breakaway audio routing, the input board facilitates two-channel AES audio extraction. The XTP CP 4o 12G-SDI output board converts SMPTE standard, non-HDCP video signals to either a 12G, 6G, 3G, HD, or SD-SDI format and supports embedded stereo audio, as well as extracts two-channel audio from the video for separate local audio routing.

FEATURES
- Supports 12G-SDI, 6G-SDI, 3G-SDI, and HD-SDI signals
- Automatically adapts to SMPTE and ITU digital video standards
- Supports data rates from 1.49 Gbps to 11.88 Gbps
- Buffered SDI and HDMI input loop-throughs
- Automatic input cable equalization
- Automatic output reclocking
- SDI loop-throughs pass ancillary data including embedded audio, closed caption, timecode, and more
- Immunity to pathological signal patterns
- Embedded AES audio support
- Compatible with all XTP CrossPoint matrix switcher models
- JITC Certified

XTP CP 4i 12G-SDI

XTP CP 4o 12G-SDI

Model	Version Description	Part Number	
XTP CP 4i 12G-SDI	Four Input Board, 12G-SDI w/ SDI and HDMI Outputs	70-1171-01	**NOW SHIPPING**
XTP CP 4o 12G-SDI NEW	Four Output Board, 12G-SDI with Stereo Audio	70-1172-01	

Extron

Exciting New NAV Capabilities

Designed for the Enterprise

NAV® has been updated with a range of features that bring powerful, new capabilities to the platform. NAVigator Redundancy adds an additional layer of protection to the highly reliable NAVigator System Manager, and Automated System Backup enables scheduled backups of configuration data. NAVigator now integrates with Active Directory®, streamlining centralized user management and permission authentication. Additionally, the NAV System now supports IPv6 Dual Stack streaming video and audio over multicast IPv6.

The NAV Pro AV over IP Series is the only solution designed for the enterprise network. The patented PURE3® codec delivers lossless 4K/60 4:4:4 video with ultra-low latency and efficient bit rates while tolerating the bursty network traffic found on converged networks. PURE3 is the ONLY codec specifically designed for the Pro AV industry that delivers robust, pristine video on converged or isolated networks.

New Features:

- NAVigator Redundancy enables a backup NAVigator to take over in the event of a Main failure
- Automated System Backup schedules the backup of NAVigator configuration data
- WindoWall mutes unused displays on preset recall

- Active Directory assists in user, group, password, and access management
- IPv6 Dual Stack enables streaming media via IPv6
- Easy and free field upgrade with the NAVigator bulk firmware upgrade feature **NOW AVAILABLE**

> **Now with support for the NAV SD 121 Compact Scaling Decoder and the NAV E 111 DTP3 with DTP3 input!**

Model	Version Description	Part Number
NAVigator	Entry Level Version for 16 Endpoints	60-1534-01
NAV E 121	1G Pro AV over IP Compact Encoder - HDMI	60-2040-01
NAV SD 121	1G Pro AV over IP Compact Scaling Decoder - HDMI	60-2040-02
NAV E 111 DTP3	1G Pro AV over IP Encoder with DTP3	60-1525-16

> **To learn more, visit NAV Pro AV over IP**

NAV SD 121

Compact and Economical Scaling Decoder

The NAV SD 121 is a compact Pro AV over IP scaling decoder that receives, decodes, and scales ultra-low latency, high quality video and audio signals over 1 Gbps IP networks at low bitrates. Utilizing Extron's patented PURE3® codec, it delivers groundbreaking performance with high quality video at resolutions up to 4K @ 60 Hz with 4:4:4 chroma sampling. The NAV SD 121 is compatible with NAV® 1 and 10 Gbps encoders, increasing scalability for large deployments. It also supports AES67 audio over IP, facilitating 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.

The NAV SD 121 includes Vector™ 4K scaling technology, which ensures critical 4K image quality, best-in-class image upscaling and downscaling, with enhanced color accuracy and picture detail. The NAV SD 121 also features an HDMI output with RS-232, Digital I/O, and IR ports to extend the control system reach beyond the physical location of the processor, eliminating the need for additional control processors at the endpoints.

Features:

- Economical and compact decoding and scaling
- Advanced Vector™ 4K scaling technology ensures critical 4K image quality
- PURE3 codec delivers improved network resiliency
- HDMI output with HDCP 2.3 at resolutions up to 4K/60 @ 4:4:4

- Expanded AES67 capabilities input or output
- Confidence Preview from NAVigator or endpoint
- WindoWall® Mode supports videowall applications
- Configurable PoE or Line Power Priority
- Active Directory

NOW SHIPPING

Model	Version Description	Part Number
NAV SD 121	1G Pro AV over IP Compact Scaling Decoder - HDMI...	60-2040-02

To learn more, visit extron.com/navsd121

NAV PRO AVoIP

NAV E 111 DTP3
1G Pro AV over IP Encoder with DTP3 Input

The NAV E 111 DTP3 is a Pro AV over IP encoder that integrates DTP3 and DTP® transmitters with the groundbreaking performance of the NAV® Pro AV over IP System. It receives video, audio, and control signals from DTP3 or DTP transmitters over up to 330 ft of CAT6A cable and streams 4K/60 4:4:4 visually lossless video and audio with ultra-low latency over a standard 1 Gbps Ethernet interface. It is capable of remote powering DTP3 and DTP transmitters in a variety of architectural form factors such as MK, EU, Flex55, and decorator-style with HDMI and USB-C DisplayPort alt-mode video inputs with audio and control. Support for embedded digital audio, analog, and AES67 audio over IP facilitates flexible integration with Extron DSPs or other IP-enabled audio components.

FEATURES
- **NEW** Leverages the flexibility of DTP3 and DTP transmitters with the groundbreaking performance of NAV Pro AV over IP
- **NEW** Receives DTP3 or DTP Series transmitters at up to 4K/60 @ 4:4:4
- **NEW** Powers either DTP3 or DTP transmitters
- PURE3® Codec delivers improved network resiliency
- PURE3 Intelligent Selective Streaming reduces bandwidth requirements
- Expanded AES67 capabilities
- Confidence Preview

NOW SHIPPING

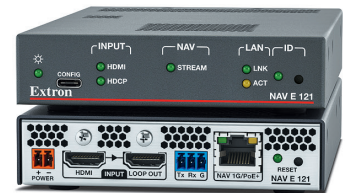| Model	Version Description	Part Number
NAV E 111 DTP3	1G Pro AV over IP Encoder with DTP3.....................	60-1525-16

NAV E 121
1G Pro AV over IP Compact Encoder - HDMI

The NAV E 121 is a compact Pro AV over IP encoder that streams ultra-low latency, visually lossless HDMI video and audio over a standard 1 Gbps copper Ethernet interface at efficient bit rates. Using the Extron patented PURE3® codec, the NAV® Series delivers groundbreaking performance with real-time, lossless video at resolutions up to 4K/60 with 4:4:4 chroma sampling. The NAV E 121 is fully compatible with all NAV 1 and 10 Gbps scaling decoders, increasing the flexibility and scalability of 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
- **NEW** Compact and economical 4K/60 @ 4:4:4 encoder
- PURE3® Codec delivers improved network resiliency
- PURE3 Intelligent Selective Streaming reduces bandwidth requirements
- HDMI input and loop-out with HDCP 2.3 at resolutions up to 4K/60 @ 4:4:4
- Expanded AES67 capabilities
- Configurable Power Priority
- Confidence Preview
- Extron-patented PURE3® codec capable of lossless 4K/60 4:4:4 video with ultra-low latency
- PURE3 error concealment delivers high immunity to network errors without adding latency

NOW SHIPPING

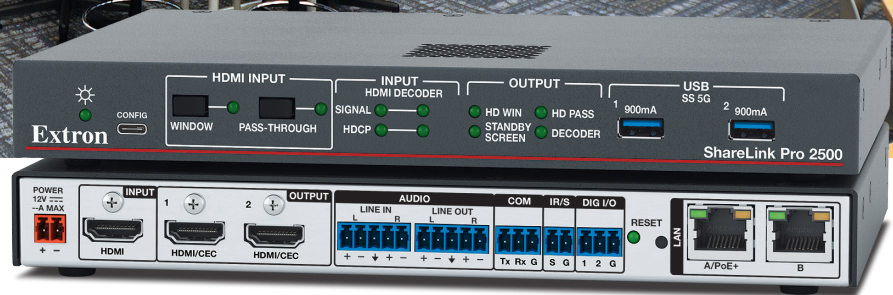| Model	Version Description	Part Number
NAV E 121	1G Pro AV over IP Compact Encoder - HDMI	60-2040-01

Extron

ShareLink Pro 2500
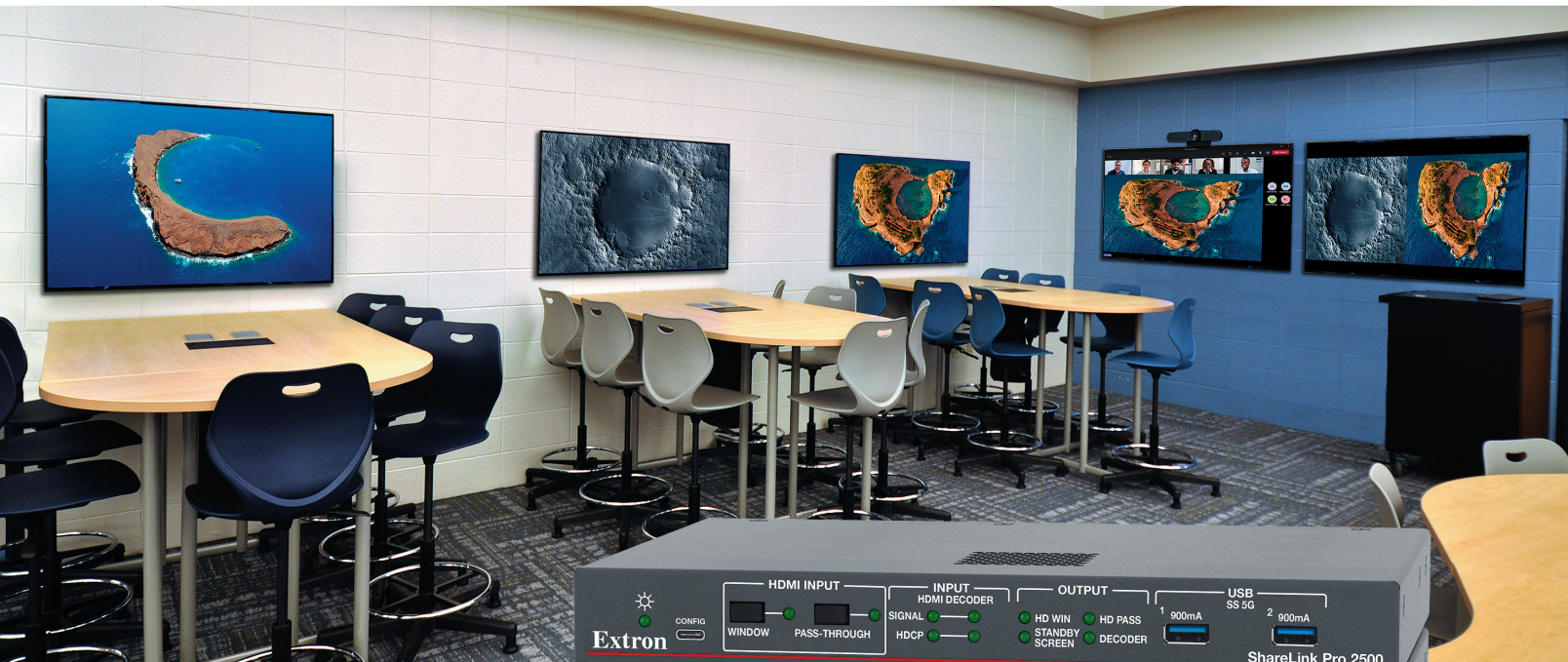
Elevate Your Meetings with
Wireless Sharing on Dual 4K Displays

The ShareLink® Pro 2500 is a 4K Dual Screen Wireless Presentation System that empowers anyone to present content seamlessly from computers, tablets, or smartphones on up to two displays. Perfect for collaborative spaces, the ShareLink Pro 2500 supports simultaneous content display from up to four devices, including an HDMI-connected source such as a signage player. The included ConferenceShare™ enhancement enables wireless content sharing from in-room USB devices to UC platforms like Teams® or Zoom™. Collaboration and moderator modes facilitate both open and controlled environments, while dual Ethernet ports support more secure environments. When used with Extron GVE – GlobalViewer Enterprise software for centralized management, IT staff can easily support multiple devices across an enterprise or campus. ShareLink Pro 2500 enhances collaborative spaces with wireless integration of AV and mobile devices for more dynamic and impactful meetings.

Features:
- **NEW** ConferenceShare enables wireless use of room cameras for UC meetings

- **NEW** Dual HDMI output supports displaying shared content on multiple displays

- Supports Mac® and Windows® computers as well as Apple® and Android® tablets and smartphones

- Share content without installing software via AirPlay®, Miracast®, or WebShare

- Active Learning feature shares content between multiple ShareLink Pro devices – LinkLicense Required

ConferenceShare Support
Use USB cameras, microphones, and speakers wirelessly with these and other popular unified communications platforms.

NOW SHIPPING

Model	Version Description	Part Number
ShareLink Pro 2500	4K Dual Screen Wireless Presentation System	60-1970-01

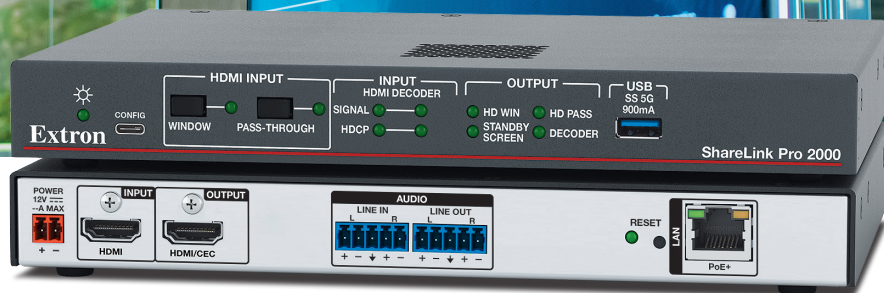To learn more, visit extron.com/sharelinkpro2500

ShareLink Pro 2000

4K UHD · **5Gbps USB**

Powerful and Cost-Effective
Wireless Collaboration

The ShareLink® Pro 2000 is a 4K Wireless Presentation System that enables anyone to present content from computers, tablets, or smartphones on a display for easy and cost-effective collaboration. It features advanced technology that supports simultaneous display of up to four devices, including an HDMI-connected device. The HDMI input supports wired devices, such as a signage player or other AV source. The ShareLink Pro 2000 includes ConferenceShare to share video and audio captured by in-room USB devices with remote users during Teams or Zoom meetings. When used with Extron GVE – GlobalViewer® Enterprise software, multiple units can be managed across an enterprise or campus. The ShareLink Pro 2000 offers professional capabilities that make it easy to integrate AV and mobile devices into conference, meeting, and collaboration spaces.

Features:

- **NEW** ConferenceShare™ enables wireless use of room cameras for UC meetings

- **NEW** HDMI output supports computer and video resolutions up to 4K

- Supports Mac® and Windows® computers as well as Apple® and Android™ tablets and smartphones

- Dedicated app supports moderator mode and other powerful features

- Share content without installing software via AirPlay®, Miracast®, or WebShare™

ConferenceShare Support

Use USB cameras, microphones, and speakers wirelessly with these and other popular unified communications platforms.

ZOOM

NOW SHIPPING

Model	Version Description	Part Number
ShareLink Pro 2000	4K Wireless Presentation System	60-1971-01

To learn more, visit extron.com/sharelinkpro2000

UCS SW 313
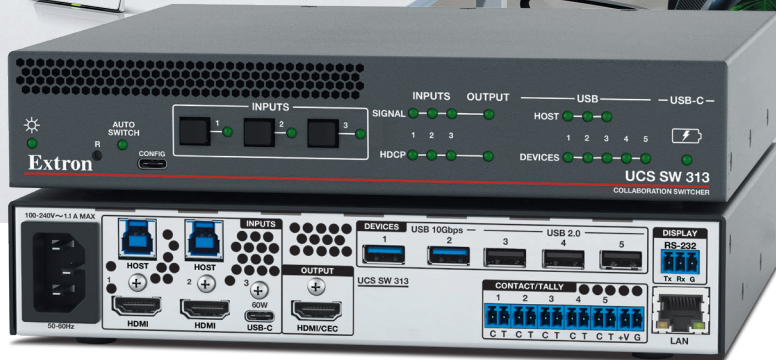
New and Improved USB-C Collaboration Switcher

The UCS SW 313 is a powerful collaboration and presentation switcher designed to meet the unique needs of unified communications meeting spaces. Three inputs support the connection of USB-C and dual HDMI 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 SW 313, your meeting space can integrate your room's USB cameras and microphones with users' portable laptops into Teams®, Zoom™, or other UC meetings.

Features:

- Switches USB devices between USB-C and dual HDMI inputs sent to the output display
- 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 SW 313 can be used with these popular software and cloud based communications platforms and more.

Model	Version Description	Part Number
UCS SW 313	3x1 4K/60 Collaboration and Presentation Switcher....................................	60-1797-02

To learn more, visit extron.com/ucssw313

UCS 504

Powerful 4K USB-C
Collaboration Switcher with Extension

The UCS 504 is a 4K collaboration switcher / receiver kit that combines AV and USB switching with twisted pair signal extension. The transmitter supports USB-C, and dual HDMI with USB inputs for BYOM laptop connections. The scaling receiver provides additional HDMI and USB inputs for a dedicated UC computer and an HDMI output to the room display. Six USB device connections support cameras or mics at up to USB 10 Gbps and HDMI outputs enable resolutions up to 4K/60. The system supports auto switching and automation capabilities including CEC, RS-232, or IR control to a display. The compact half-rack width transmitter can mount under a table or desk while the 1" (2.5 cm) high receiver easily mounts behind a display. The UCS 504 makes it easy to integrate AV sources and USB cameras for Teams® and Zoom™ meetings, into conference and collaboration spaces.

Features:

- Switches USB devices between USB-C & three HDMI inputs with extension to a remote display

- 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 based on contact or I/O connections

- Display control options including RS-232, IR, and CEC over HDMI

Supported UC Platforms

The UCS 504 can be used with popular software and cloud based communications platforms including:

Model	Version Description	Part Number
UCS 504	Four Input 4K/60 Collaboration Switcher and Scaling Receiver Kit............................	42-361-01

To learn more, visit extron.com/ucs504

MediaPort 300

4K UHD **5Gbps USB**

Bring Professional Quality
Audio and Video to Remote Users

The Extron MediaPort 300 makes it easy to integrate conferencing computers into pro AV designs. It is a 4K HDMI and Audio to USB bridge that expands our MediaPort line integrating pro AV sources or systems with software codec conferencing applications. Supporting popular software communications platforms such as Microsoft Teams® and Zoom™, the MediaPort 300 brings 4K capabilities, bridging the gap between simple webcam-to-computer solutions and professional AV conferencing systems. Options for PoE+ or local power and the small 1" (2.5 cm) form factor metal enclosure make installation faster and less costly. Use the Extron MediaPort 300 today to facilitate easy integration of conferencing computers into your pro AV designs.

Features:

- **NEW** Network AES67 audio support

- 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

Supported UC platforms

The MediaPort 300 can be used with popular software and cloud-based communications platforms including:

NOW SHIPPING

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

To learn more, visit extron.com/mediaport300

Workspace Automation Controllers

Automated Display Power Control
for Any Size Workspace

The WC Pro 150 OCS and WC Pro 160 Workspace Automation Controllers are designed to add easy and secure display control and automation to any size workspace. Depending on the model you choose, you can have automatic display control via an occupancy sensor – either built right into the workspace controller, or easily integrated as part of a streamlined room automation system. Right out of the box, these automation controllers will automatically power on a display via CEC when a person enters a room and turn it off at the end of the meeting when no motion is detected. Using the built-in web page, you can configure automatic display control over Ethernet, RS-232, or IR. For added convenience, both models support Power over Ethernet.

Want to configure these automation controllers with Global Configurator Plus or Professional or program them with ControlScript? You can add a LinkLicense for WC Pro Control Processor and expand control capabilities to multiple displays and devices. This will also provide access to our full line of TouchLink Pro touchpanels and Network Button Panels to be used in for projects that require a user interface.

Features:

- Pre-configured for easy setup
- Web-based Configuration - For more configuration options log into the built-in webpage and setup these automation controllers to use Ethernet, RS-232, or IR.
- LinkLicense for WC Pro Control Processor unlocks full configuration and programming

- The WC Pro 150 OCS includes an occupancy sensor and is designed for placement above or below a display
- The WC Pro 160 features EDID Minder and audio de-embedding and can be mounted behind a display or under a table

NOW SHIPPING

Model	Version Description	Part Number
WC Pro 150 OCS	Automation Controller w/Occ Sensing	60-1803-01
WC Pro 160	Automation Controller w/EDID Minder	60-1804-01

To learn more, visit extron.com/wcproseries

MLC Plus 400

Familiar MediaLink Controls
with a Modern Touch

The MLC Plus 400 is an easy to deploy, all-in-one control system featuring an elegant 4" color touchscreen. As with all of our MediaLink Plus controllers, it combines a familiar user interface with a powerful control processor in one compact product. Intuitive button layout templates available within Global Configurator are designed to support common AV functions like display power, source selection, and volume control.

The provided pre-defined templates aid with setup and configuration by eliminating the need to create custom GUIs or workflows from scratch. With the new MLC Plus 400, you can quickly and effortlessly create clean, easy-to-read AV control interfaces which are ideal for classrooms, boardrooms, or any environment that would benefit from an all-in-one, compact Ethernet controller with an elegant, upscale color touch surface.

Features:

- All-in-one control system with 4" elegant color touchscreen interface

- Button layout templates available within Global Configurator are designed to support common AV functions like display power, source selection and volume control

- Gorilla Glass screen is scratch and smudge-resistant

- Designed to fit into a 2-gang junction box

Environmental and AV devices can be monitored and controlled over a network or with the integrated RS-232, IR, relays, digital input, and volume control ports

Model	Version Description	Part Number
MLC Plus 400	Black, 4" Touch Surface, 2-Gang	60-2014-01

To learn more, visit extron.com/mlcplus400

NETWORK BUTTON PANELS - FLEX55 & EU SERIES

NBP VC1 EU
Network Button Panel with Volume Control - Flex55 and EU Wall Frame

The Extron NBP VC1 EU Network Button Panel is a fully-customizable AV system control interface for Extron control systems. This customizable, easy-to-use control panel works in conjunction with the control processor over a standard Ethernet network to provide volume control within a room. The NBP VC1 EU 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. Network Button Panels feature the convenience of PoE. For applications worldwide, the NBP VC1 EU is compatible with Flex55 modules, mounting kits, and enclosures, as well as EU junction boxes.

FEATURES
- Fully customizable Network Button Panel integrates easily with Extron Control Systems
- One backlit, soft-touch button that can be customized using Extron's Custom Button Builder
- Network Button Panels use standard Ethernet connectivity
- Volume control knob with LEDs for visual feedback
- Dual-color, illuminated mute button

NOW SHIPPING

Model	Version Description	Part Number
NBP VC1 EU	Flex 55 and EU, Black and White, Vol Control	60-2052-01

NBP VC2 EU
Network Button Panel with Dual Volume Control - Flex55 and EU Wall Frame

The Extron NBP VC2 EU Network Button Panel is a fully-customizable AV system control interface for Extron control systems. This customizable, easy-to-use control panel works in conjunction with the control processor over a standard Ethernet network to provide volume and microphone level controls within a room. The NBP VC2 EU features four customizable, soft-touch buttons that are backlit for easy operation in low-light environments. Bright LEDs provide at-a-glance level indication for both volume and microphone controls. Network Button Panels feature the convenience of PoE. For applications worldwide, the NBP VC2 EU is compatible with Flex55 modules, mounting kits, and enclosures, as well as EU junction boxes.

FEATURES
- Fully customizable Network Button Panel integrates easily with Extron Control Systems
- Four backlit, soft-touch buttons that can be customized using Extron's Custom Button Builder
- Network Button Panels use standard Ethernet connectivity
- PoE powered
- Volume adjustment buttons with LED level indication
- Microphone adjustment and mute buttons with LED level indication

NOW SHIPPING

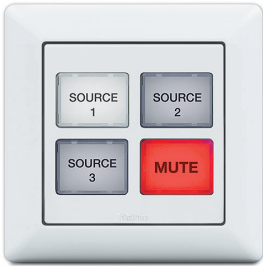| Model	Version Description	Part Number
NBP VC2 EU	Flex 55 and EU, Black and White, Dual Vol	60-2053-01

Extron

NETWORK BUTTON PANELS - FLEX55 & EU SERIES

NBP 104 EU
Network Button Panel with 4 Buttons - Flex55 and EU Wall Frame

The Extron NBP 104 EU Network Button Panel is a fully-customizable AV system control interface for Extron control systems. This customizable, easy-to-use control panel works in conjunction with the control processor over a standard Ethernet network to perform a wide variety of AV system functions such as display On/Off, input switching, volume control, and much more. The NBP 104 EU features four dual-colored, backlit buttons for easy operation in low-light environments and the convenience of PoE. For applications worldwide, the NBP 104 EU is compatible with Flex55 modules, mounting kits, and enclosures, as well as EU junction boxes.

FEATURES
- Fully customizable Network Button Panel integrates easily with Extron Control Systems
- Four dual-color, customizable, backlit buttons
- Network Button Panels use standard Ethernet connectivity
- PoE powered
- Built-in speaker provides audible feedback for button presses

NOW SHIPPING

Model	Version Description	Part Number
NBP 104 EU	Flex 55 and EU, Black and White, 4 Button	60-2050-01

NBP 108 EU
Network Button Panel with 8 Buttons - Flex55 and EU Wall Frame

The Extron NBP 108 EU Network Button Panel is a fully-customizable AV system control interface for Extron control systems. This customizable, easy-to-use control panel works in conjunction with the control processor over a standard Ethernet network to perform a wide variety of AV system functions such as display On/Off, input switching, volume control, and much more. The NBP 108 EU features eight customizable, soft-touch buttons that are backlit for easy operation in low-light environments and the convenience of PoE. For applications worldwide, the NBP 108 EU is compatible with Flex55 modules, mounting kits, and enclosures, as well as EU junction boxes.

FEATURES
- Fully customizable Network Button Panel integrates easily with Extron control systems
- Eight backlit, soft-touch buttons that can be customized using Extron's Custom Button Builder
- Network Button Panels use standard Ethernet connectivity
- PoE powered
- Discrete On and Off display power

NOW SHIPPING

Model	Version Description	Part Number
NBP 108 EU	Flex 55 and EU, Black and White, 8 Button	60-2051-01

SSI 100

# The Status Indicator for Any Space

The Extron SSI 100 System Status Indicators are versatile, multi-colored lighted indicators that can be used for a broad array of applications within nearly any environment. They bring visibility to room occupancy, activity, safety protocols and dozens of other applications. The SSI 100 connects seamlessly to Extron control systems, calendaring systems, and room occupancy sensors, with no licensing required. The two-sided, acrylic lens combined with multi-color backlighting blends simplicity with architectural appeal. In addition to blank wall and ceiling mount versions, optional kits allow customization with engraved text, such as a room name, classroom number, or company logo.

Features:
- Visual real-time status
- Configurable lighted indicator
- Custom engraving
- Integration with multiple Extron products
- Utilizes LED technology for borders, text, and logo

Wall Mount Indicator, Blank Acrylic Lens
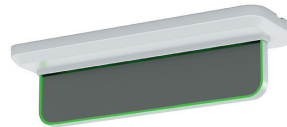


Ceiling Mount Indicator, Blank Acrylic Lens

Ceiling Mount Indicator with Engraved Acrylic Lens

Model	Version Description	Part Number
SSI 100W	Wall Mount Indicator - Blank Acrylic Lens	60-1960-01
SSI 100C	Ceiling Mount Indicator - Blank Acrylic Lens	60-1961-01
SSI 100W Lens	Wall Mount - Engraved Acrylic Lens	70-1348-01
SSI 100C Lens	Ceiling Mount - Engraved Acrylic Lens	70-1349-01

To learn more, visit extron.com/ssi100

DA HD 8K L Series
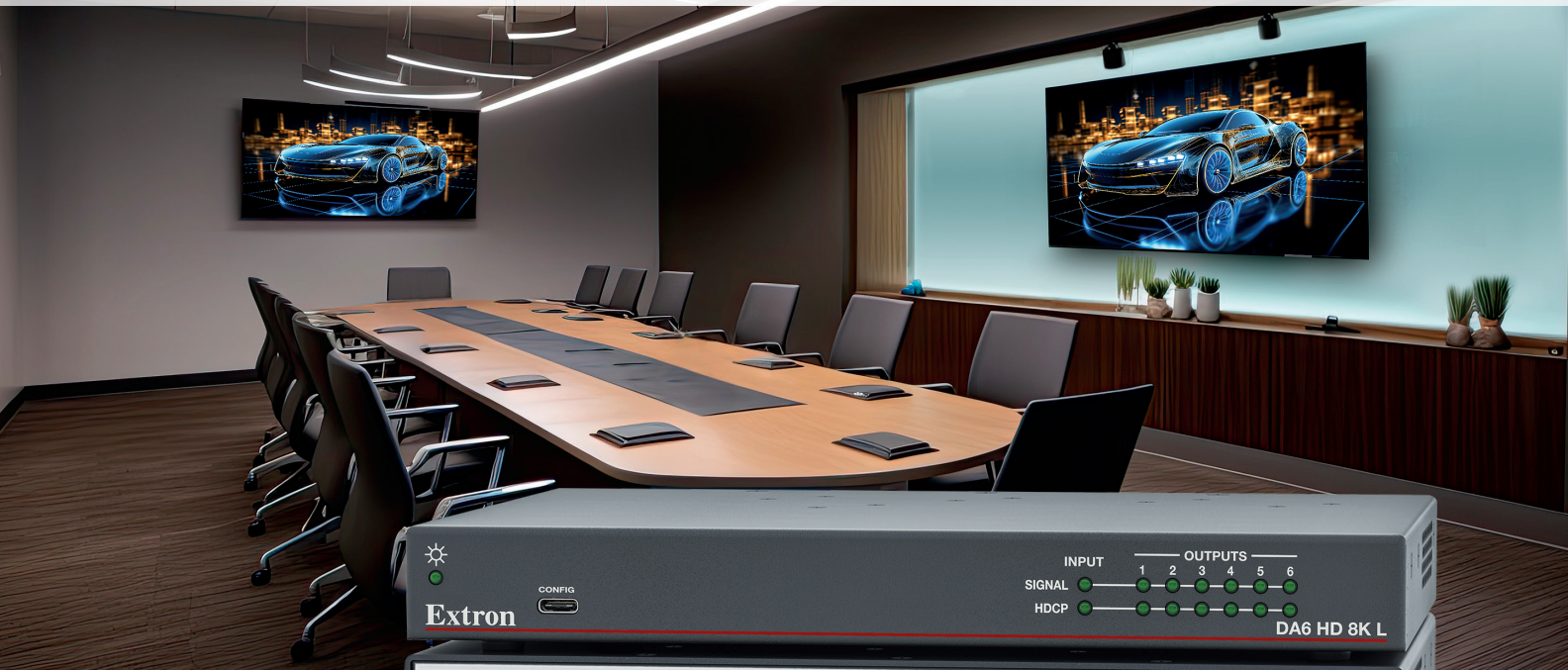
8K HDMI Distribution Amplifiers with EDID Minder Plus

The DA HD 8K L Series are two-output, four-output, and six-output, HDCP 2.3-compliant distribution amplifiers for HDMI signals at resolutions up to 8K/60, including 5K for Microsoft® Teams® rooms. Each supports data rates up to 40.1 Gbps, HDR, Deep Color up to 12-bit, 3D, HD lossless audio formats, and CEC capability. They also feature 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 DA HD 8K L Series is ideal for environments that require reliable distribution of a high data rate HDMI source signal to multiple 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
- RS-232 control port - DA4 HD 8K L and DA6 HD 8K L models only
- Rack-mountable, compact metal enclosure

NOW SHIPPING

Model	Version Description	Part Number
DA2 HD 8K L	Two Output 8K HDMI DA	60-1870-01
DA4 HD 8K L	Four Output 8K HDMI DA	60-1871-01
DA6 HD 8K L	Six Output 8K HDMI DA	60-1872-01

To learn more, visit extron.com/da2hd8kl

DISTRIBUTION AMPLIFIERS

DA2 HD 8K AE
8K HDMI Distribution Amplifier with Audio De-Embedding

The Extron DA2 HD 8K AE is a high performance 8K/60 audio de-embedder that extracts two-channel LPCM audio from the HDMI input signal and converts it to analog audio. Its analog output is configurable for stereo or dual-mono signals. This HDCP 2.3-compliant audio de-embedder includes two HDMI outputs and supports data rates up to 40.1 Gbps, HDR, Deep Color up to 12-bit, 3D, and HD lossless audio formats. It is equipped with integration-friendly capabilities such as input cable equalization and advanced EDID management. Extron EDID Minder® Plus delivers support for additional memory blocks needed for advanced display features. From presentation spaces to esports venues, the DA2 HD 8K AE is the ideal audio de-embedder for HDMI source signals sent to two displays.

FEATURES
- De-embeds two-channel analog audio from an HDMI signal
- Supports computer and video resolutions up to 8K/60
- Supports ultra-wide aspect ratios, including 21:9 and 5K
- Supported HDMI 2.1 specification features include data rates up to 40.1 Gbps, HDR, Deep Color up to 12-bit, 3D, and HD lossless audio formats
- HDCP 2.3 compliant
- Automatic input cable equalization
- EDID Minder® Plus automatically manages EDID communication between connected devices
- Key Minder® continuously verifies HDCP compliance
- Selectable output muting
- Provides +5 VDC, 250 mA power on each output for external peripheral devices

Model	Version Description	Part Number
DA2 HD 8K AE	8K HDMI Audio De-Embedder, DA	60-1870-12

DA2 HD 8K AI
8K HDMI Distribution Amplifier with Audio Embedding

The Extron DA2 HD 8K AI is a high performance 8K/60 audio embedder that accepts separate two-channel analog audio and converts it to 16-bit LPCM audio at 48 kHz for embedding onto the HDMI output signal. This HDCP 2.3 compliant audio embedder includes two HDMI outputs and supports data rates up to 40.1 Gbps, HDR, Deep Color up to 12-bit, 3D, and HD lossless audio formats. It is equipped with integration-friendly capabilities such as input cable equalization, adjustable analog audio gain control, and advanced EDID management. Extron EDID Minder® Plus delivers support for additional memory blocks needed for advanced display features. From presentation spaces to esports venues, the DA2 HD 8K AI is the ideal audio embedder for HDMI source signals sent to two displays.

FEATURES
- Embeds two-channel analog audio onto the HDMI outputs
- Supports computer and video resolutions up to 8K/60
- Supports ultra-wide aspect ratios, including 21:9 and 5K
- Supported HDMI 2.1 specification features include data rates up to 40.1 Gbps, HDR, Deep Color up to 12-bit, 3D, and HD lossless audio formats
- HDCP 2.3 compliant
- Automatic input cable equalization
- EDID Minder® Plus automatically manages EDID communication between connected devices
- Key Minder® continuously verifies HDCP compliance
- Selectable output muting
- Provides +5 VDC, 250 mA power on each output for external peripheral devices

Model	Version Description	Part Number
DA2 HD 8K AI	8K HDMI Audio Embedder, DA	60-1870-13

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

Europe	Middle East	Asia	China	Japan
+31.33.453.4040 / 00800.3987.6673	+971.4.299.1800	+65.6383.4400 / +800.7339.8766	+86.21.3760.1568 / +4000.398766	+81.3.3511.7655
+31.33.453.4050 FAX	+971.4.299.1880 FAX	+65.6383.4664 FAX	+86.21.3760.1566 FAX	+81.3.3511.7656 FAX

25

Extron

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 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

Works with

To learn more, visit 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 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 inputs
  - Two RTP/RTSP virtual inputs
  - One optional 12G-SDI input
- Simultaneous H.264 and H.265 video encoding
- 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 write speeds up to 5 Gbps
- Independent audio mixing for each encoder

SMP 401

4K/UHD

5Gbps USB

NOW SHIPPING

New Quantity Discounts Available
Contact your Extron Sales Representative for more Information

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 the SMP 401

The Extron RCP 401 Series are remote control button panels that enable 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 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 includes a USB-C control cable for easy, out-of-the-box connection to the SMP 401. It 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.

FEATURES
- Remote backlit button panel to control the SMP 401
- Status and alarm indicators with buzzer
- Executive Mode lockout
- USB port up to 5 Gbps
- Right Angle USB connection
- USB-C 6' (1.8m) control cable included

RCP 401 D

RCP 401 EU

NOW SHIPPING

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

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

| Europe	Middle East	Asia	China	Japan
+31.33.453.4040 / 00800.3987.6673	+971.4.299.1800	+65.6383.4400 / +800.7339.8766	+86.21.3760.1568 / +4000.398766	+81.3.3511.7655
+31.33.453.4050 FAX	+971.4.299.1880 FAX	+65.6383.4664 FAX	+86.21.3760.1566 FAX	+81.3.3511.7656 FAX

Extron

MGP 641 xi 5K

Easily Scale and Annotate up to Four 5K Sources on a Single 5K Display

When a presentation environment requires a scaling multi-viewer with full 5K and HDCP 2.3 compliance, there's no better solution than the Extron MGP 641 xi 5K. Four scalable HDMI inputs, an HDMI background input, and locally stored image files enhance presentation flexibility. Resolutions up to 5120x2880 display in aspect ratios that include 32:9, 21:9, and 16:9. A model that includes 12G-SDI inputs is also available. Extensive windowing options enable side-by-side, overlap, and picture-in-picture positioning of sources windows. Layouts are easily stored and recalled from an external control system. Plus, with an optional LinkLicense, presenters can annotate live video, a presentation, or graphics using a touch screen display or mouse.

Features:

- Full 5K support on each input and output

- HDMI and DTP3 outputs deliver uncompressed, duplicate signals to local and remote displays

- Supports 5K resolutions up to 5120x2880 in 32:9, 21:9, and 16:9 aspect ratios

- Annotate over live content with optional LinkLicense®

- Features 12G-SDI inputs in addition to HDMI inputs on MGP 641 xi 5K SDI
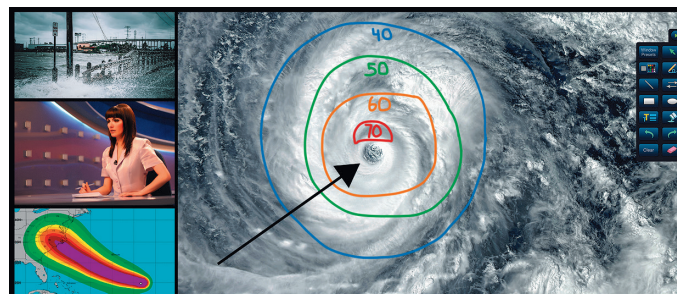
Intuitive on-screen menu allows selection
of annotation tools and colors

Model	Version Description	Part Number
MGP 641 xi 5K	Four Windows, with HDMI Inputs	60-1574-13
MGP 641 xi 5K SDI	Four Windows, with HDMI and 12G-SDI Inputs	60-1574-14

To learn more, visit extron.com/mgp641xi5k

FOX3 SR PC Series

Fiber Optic Extenders
with Space-Saving Design

The Extron FOX3 SR PC Series Fiber Optic Scaling Receivers are compact single-slot modules designed for the PowerCage 411 enclosure that provide long-haul extension over fiber optic cabling for HDMI video with embedded audio, RS-232 control signals, and USB on select models. Engineered for exceptional high resolution image performance, they use 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. Designed for secure AV systems, the FOX3 SR PC Series also includes many integrator-friendly features such as Key Minder® and real-time system monitoring.

Features:

- Designed for the PowerCage 411 Modular Power Enclosure
- Up to four FOX3 PC extenders in a 1U rack space
- Provides a convenient, configurable rack-mount solution for long-haul signal extension
- Compatible with the complete family of FOX3 Series Matrix Switchers and Extenders
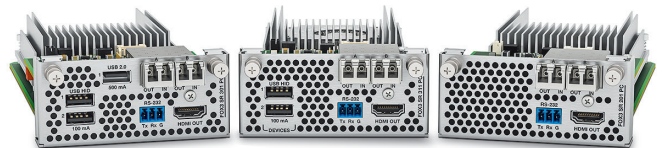
18 Gbps
4K/60 4:4:4

4K UHD

VECTOR 4K SCALING

DoDIN APL APPROVED PRODUCT

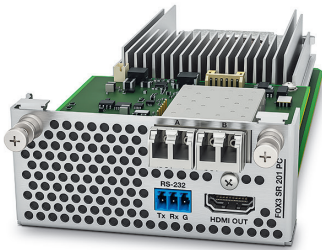To learn more, visit extron.com/fox3srpc

FIBER OPTICS

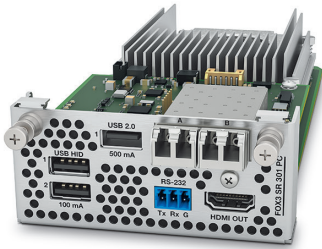### FOX3 SR 201 PC
PowerCage Fiber Optic Scaling Receiver for HDMI with Embedded Audio and RS-232

FEATURES
- Receives fiber optic signals from FOX3 Series transmitters and provides scaled HDMI video with embedded audio and RS-232 control
- High performance scaler provides selectable output resolutions up to 4096x2160 at 60 Hz with 4:4:4 chroma sampling
- Supports mathematically lossless 4K video up to 4096x2160 at 60 Hz with 4:4:4 chroma sampling over one fiber
- Supports uncompressed 4K video up to 4096x2160 at 60 Hz with 4:4:4 chroma sampling over two fibers
- Supported HDMI 2.0 specification features include data rates up to 18 Gbps and Deep Color up to 12-bit
- HDCP 2.3 compliant

FOX3 SR 201 PC MM

NOW SHIPPING

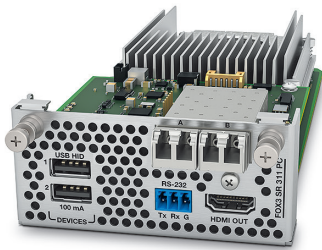| Model	Version Description	Part Number
FOX3 SR 201 PC MM	Lossless 4K/60 Scaling Receiver - Multimode	70-1224-21
FOX3 SR 201 PC MM	Uncompressed 4K/60 Scaling Receiver - Multimode	70-1224-23
FOX3 SR 201 PC SM	Lossless 4K/60 Scaling Receiver - Singlemode	70-1224-22
FOX3 SR 201 PC SM	Uncompressed 4K/60 Scaling Receiver - Singlemode	70-1224-24

FOX3 SR 301 PC
PowerCage Fiber Optic Scaling Receiver for HDMI with Embedded Audio, USB, and RS-232

FEATURES
- Receives fiber optic signals from FOX3 Series transmitters and provides scaled HDMI video with embedded audio, USB, and RS-232 control
- High performance scaler provides selectable output resolutions up to 4096x2160 at 60 Hz with 4:4:4 chroma sampling
- Supports mathematically lossless 4K video up to 4096x2160 at 60 Hz with 4:4:4 chroma sampling over one fiber
- Supports uncompressed 4K video up to 4096x2160 at 60 Hz with 4:4:4 chroma sampling over two fibers
- Supported HDMI 2.0 specification features include data rates up to 18 Gbps and Deep Color up to 12-bit
- HDCP 2.3 compliant

FOX3 SR 301 PC MM

NOW SHIPPING

Model	Version Description	Part Number
FOX3 SR 301 PC MM	Lossless 4K/60 Scaling Receiver - Multimode	70-1190-21
FOX3 SR 301 PC MM	Uncompressed 4K/60 Scaling Receiver - Multimode	70-1190-23
FOX3 SR 301 PC SM	Lossless 4K/60 Scaling Receiver - Singlemode	70-1190-22
FOX3 SR 301 PC SM	Uncompressed 4K/60 Scaling Receiver - Singlemode	70-1190-24

FOX3 SR 311 PC
PowerCage Fiber Optic Scaling Receiver for HDMI with Embedded Audio, USB HID, and RS-232

FEATURES
- Receives fiber optic signals from FOX3 Series transmitters and provides scaled HDMI video with embedded audio, USB HID, and RS-232 control
- High performance scaler provides selectable output resolutions up to 4096x2160 at 60 Hz with 4:4:4 chroma sampling
- Supports mathematically lossless 4K video up to 4096x2160 at 60 Hz with 4:4:4 chroma sampling over one fiber
- Supports uncompressed 4K video up to 4096x2160 at 60 Hz with 4:4:4 chroma sampling over two fibers
- Supported HDMI 2.0 specification features include data rates up to 18 Gbps and Deep Color up to 12-bit
- HDCP 2.3 compliant

FOX3 SR 311 PC MM

NOW SHIPPING

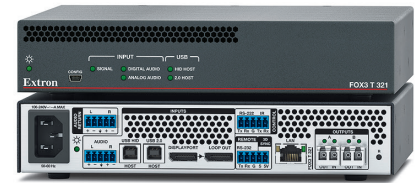| Model	Version Description	Part Number
FOX3 SR 311 PC MM	Lossless 4K/60 Scaling Receiver - Multimode	70-1223-21
FOX3 SR 311 PC MM	Uncompressed 4K/60 Scaling Receiver - Multimode	70-1223-23
FOX3 SR 311 PC SM	Lossless 4K/60 Scaling Receiver - Singlemode	70-1223-22
FOX3 SR 311 PC SM	Uncompressed 4K/60 Scaling Receiver - Singlemode	70-1223-24

Extron

FIBER OPTICS

FOX3 T 321

Fiber Optic Transmitter for DisplayPort, USB, Audio, Control, and 3D Sync

The Extron FOX3 T 321 Fiber Optic Transmitter provides long haul transmission of DisplayPort video, USB, stereo audio, control, IR, and 3D sync signals over fiber optic cabling. Engineered for exceptional high resolution image performance, Extron FOX3 Systems deliver perfect pixel-for-pixel, uncompressed 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 2.0 to 1.0 devices, while the USB HID port applies device class filtering to restrict the device types to HID. Designed specifically for AV and KVM systems, the FOX3 T 321 also includes many integrator-friendly features such as EDID Minder®, audio embedding, Ethernet monitoring and control, audio gain and attenuation, and real-time system monitoring.

FOX3 T 321 MM

FEATURES

- Transmits DisplayPort video, USB, stereo audio, RS-232 control, IR control, and 3D sync signals over fiber optic cabling
- Supports mathematically lossless 4K video up to 4096x2160 at 60 Hz with 4:4:4 chroma sampling over one fiber
- Supports uncompressed 4K video up to 4096x2160 at 60 Hz with 4:4:4 chroma sampling over two fibers
- Supported DisplayPort specification features include data rates up to 21.6 Gbps, Deep Color up to 10-bit, and 4:4:4 chroma sampling
- 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
- Device class filtering on USB HID port restricts the range of device types to HID

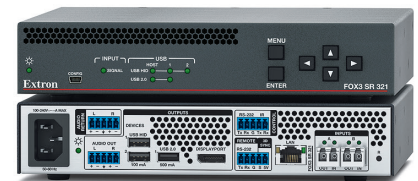| Model	Version Description	Part Number
FOX3 T 321 MM	Lossless 4K/60 Transmitter - Multimode	60-1777-11
FOX3 T 321 MM	Uncompressed 4K/60 Transmitter - Multimode	60-1777-13
FOX3 T 321 SM	Lossless 4K/60 Transmitter - Singlemode	60-1777-12
FOX3 T 321 SM	Uncompressed 4K/60 Transmitter - Singlemode	60-1777-14

FOX3 SR 321

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

The Extron FOX3 SR 321 Fiber Optic Scaling Receiver provides long haul transmission of DisplayPort video, USB, stereo audio, control, IR, and 3D sync signals over fiber optic cabling. Engineered for exceptional high resolution image performance, Extron FOX3 Systems 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 2.0 to 1.0 devices, while 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 321 also includes many integrator-friendly features such as EDID Minder®, audio de-embedding, Ethernet monitoring and control, and real-time system monitoring.

FOX3 SR 321 MM

FEATURES

- Receives fiber optic signals from FOX3 Series transmitters and provides scaled DisplayPort 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
- Supports mathematically lossless 4K video up to 4096x2160 at 60 Hz with 4:4:4 chroma sampling over one fiber
- Supports uncompressed 4K video up to 4096x2160 at 60 Hz with 4:4:4 chroma sampling over two fibers
- Supported DisplayPort specification features include data rates up to 21.6 Gbps, Deep Color up to 10-bit, and 4:4:4 chroma sampling
- 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

Model	Version Description	Part Number
FOX3 SR 321 MM	Lossless 4K/60 Scaling Receiver - Multimode	60-1777-21
FOX3 SR 321 MM	Uncompressed 4K/60 Scaling Receiver - Multimode	60-1777-23
FOX3 SR 321 SM	Lossless 4K/60 Scaling Receiver - Singlemode	60-1777-22
FOX3 SR 321 SM	Uncompressed 4K/60 Scaling Receiver - Singlemode	60-1777-24

Europe	Middle East	Asia	China	Japan
+31.33.453.4040 / 00800.3987.6673	+971.4.299.1800	+65.6383.4400 / +800.7339.8766	+86.21.3760.1568 / +4000.398766	+81.3.3511.7655
+31.33.453.4050 FAX	+971.4.299.1880 FAX	+65.6383.4664 FAX	+86.21.3760.1566 FAX	+81.3.3511.7656 FAX

31

Extron

FIBER OPTICS

FOX3 T 331
Fiber Optic Transmitter for DisplayPort, USB HID, Audio, Control, and 3D Sync

The Extron FOX3 T 331 Fiber Optic Transmitter provides long haul transmission of DisplayPort video, USB HID, stereo audio, control, IR, and 3D sync signals over fiber optic cabling. Engineered for exceptional high resolution image performance, Extron FOX3 Systems 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 T 331 also includes many integrator-friendly features such as EDID Minder®, audio embedding, Ethernet monitoring and control, audio gain and attenuation, and real-time system monitoring.

FEATURES
- Transmits DisplayPort video, USB HID, stereo audio, RS-232 control, IR control, and 3D sync signals over fiber optic cabling
- Supports mathematically lossless 4K video up to 4096x2160 at 60 Hz with 4:4:4 chroma sampling over one fiber
- Supports uncompressed 4K video up to 4096x2160 at 60 Hz with 4:4:4 chroma sampling over two fibers
- Supported DisplayPort specification features include data rates up to 21.6 Gbps, Deep Color up to 10-bit, and 4:4:4 chroma sampling
- Supports USB HID devices
- Device class filtering on USB HID port restricts the range of device types to HID
- Buffered DisplayPort input loop-through
- Audio embedding

FOX3 T 331 MM

Model	Version Description	Part Number
FOX3 T 331 MM	Lossless 4K/60 Transmitter - Multimode	60-1778-11
FOX3 T 331 MM	Uncompressed 4K/60 Transmitter - Multimode.............	60-1778-13
FOX3 T 331 SM	Lossless 4K/60 Transmitter - Singlemode..................	60-1778-12
FOX3 T 331 SM	Uncompressed 4K/60 Transmitter - Singlemode	60-1778-14

FOX3 SR 331
Fiber Optic Scaling Receiver for DisplayPort, USB HID, Audio, Control, and 3D Sync

The Extron FOX3 SR 331 Fiber Optic Scaling Receiver provides long haul transmission of DisplayPort video, USB HID, stereo audio, control, IR, and 3D sync signals over fiber optic cabling. Engineered for exceptional high resolution image performance, Extron FOX3 Systems 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 331 also includes many integrator-friendly features such as EDID 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 DisplayPort 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
- Supports mathematically lossless 4K video up to 4096x2160 at 60 Hz with 4:4:4 chroma sampling over one fiber
- Supports uncompressed 4K video up to 4096x2160 at 60 Hz with 4:4:4 chroma sampling over two fibers
- Supported DisplayPort specification features include data rates up to 21.6 Gbps, Deep Color up to 10-bit, and 4:4:4 chroma sampling
- Device class filtering on USB HID port restricts the range of device types to HID

FOX3 SR 331 MM

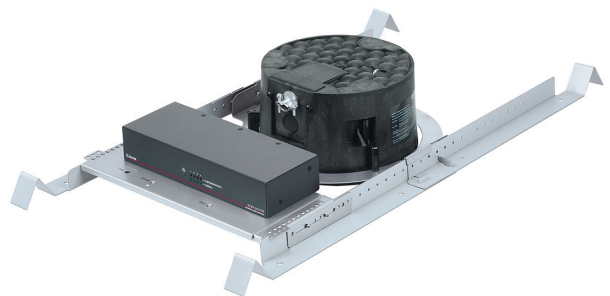| Model	Version Description	Part Number
FOX3 SR 331 MM	Lossless 4K/60 Scaling Receiver - Multimode..............	60-1778-21
FOX3 SR 331 MM	Uncompressed 4K/60 Scaling Receiver - Multimode	60-1778-23
FOX3 SR 331 SM	Lossless 4K/60 Scaling Receiver - Singlemode	60-1778-22
FOX3 SR 331 SM	Uncompressed 4K/60 Scaling Receiver - Singlemode	60-1778-24

NetPA 204 POE
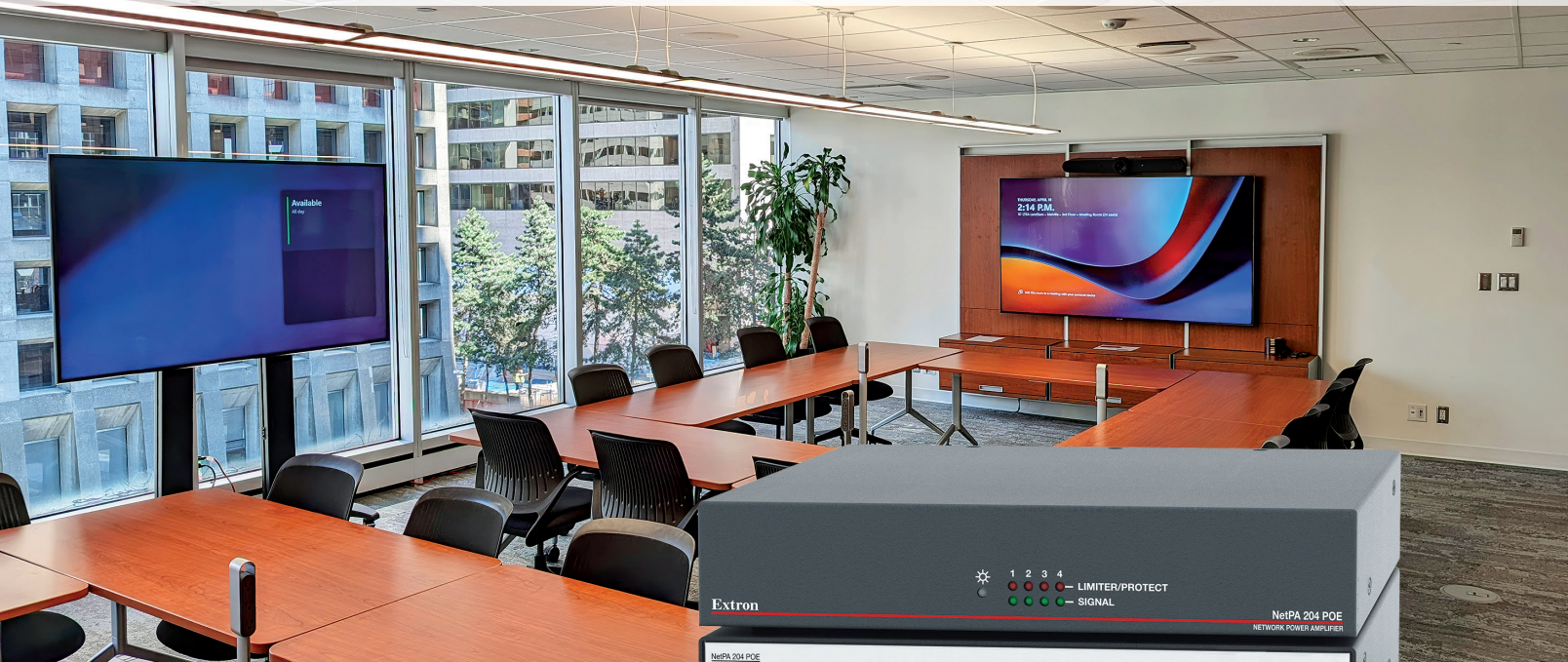
Power and Signal over One Cable
Four Channel PoE Amplifier with Dante and DSP

The Extron NetPA 204 POE is a Dante-enabled, PoE powered, four channel audio power amplifier that delivers up to 20 watts per channel. It is designed to be mounted above ceiling tiles, out of sight and near the speakers. Receiving signal and power over a single network cable, the NetPA 204 POE automatically recognizes connected PoE, PoE+, or PoE++ to deliver the corresponding amount of power. With its integrated DSP, the NetPA 204 POE includes essential signal processing that offers the ability to meet the requirements of complex, decentralized systems while Dante Domain Manager and AES67 support ensures wide compatibility with enterprise configurations and other network audio devices. The NetPA 204 POE is housed in a half rack, 1U, plenum rated enclosure that is fanless for silent operation.

Features:

- Up to 20 watts rms output power per channel

- Integrated DSP with 4x4 mix matrix

- PoE operation with scalable output power

- Dante Domain Manager and AES67 support ensure wide compatibility with enterprise configurations and other network audio devices

- Network monitoring and control

- UL 2043 plenum rated enclosure

NetPA 204 POE with optional ATB 100 Amplifier Tile Bridge mounted on a V-rail / ceiling speaker assembly

Model	Version Description	Part Number
NetPA 204 POE	Four Ch PoE Dante Amplifier - Up to 20 Watts/Ch	60-2047-01
ATB 100	Amplifier Tile Bridge Ceiling Mount Kit	70-1357-01

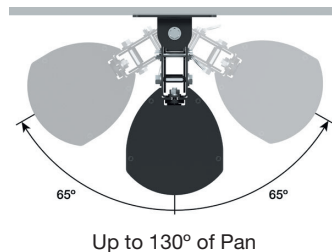To learn more, visit extron.com/netpa204poe

CA Series Column Array Speakers
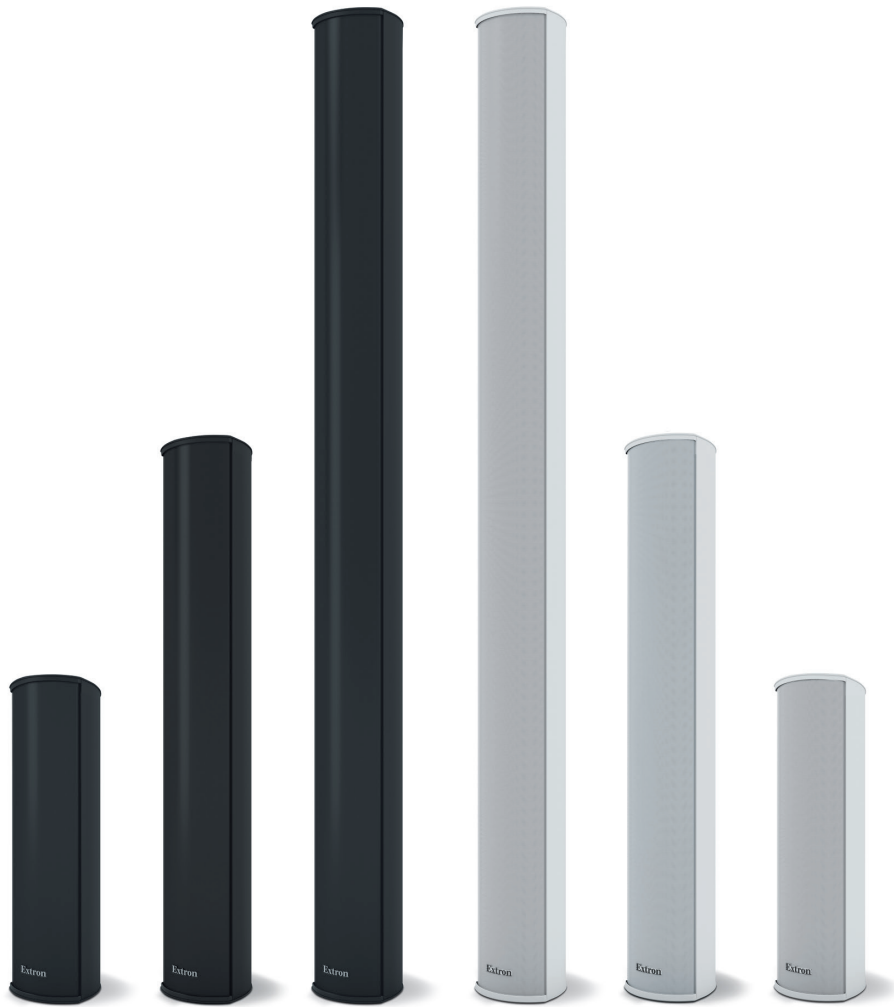
The Integration-Friendly Speaker for Acoustically Challenging Spaces

The CA Series are easy-to-install column array speakers designed to combine excellent speech intelligibility, a contemporary aesthetic, and integration-friendly mounting options. Two mounting systems are available to accommodate different room layouts and sizes. The PT models include a pan and tilt mount for maximum speaker aiming flexibility, while the LP models include a low-profile mount for minimal protrusion from the wall. Available in black or white, the CA Series are integration-friendly solutions for ambient environments.

Features:

- Operate as a system of mains and fills or single model standalone

- Includes everything needed for quick, one person installation

- 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/caseries

AUDIO PRODUCTS

CA 43T
17" Four Driver Column Array Speaker

The CA 43T is a column array speaker designed to combine excellent speech intelligibility, a contemporary aesthetic, and integration-friendly mounting options. Engineered to be used as a fill speaker with the CA 163 or standalone, the CA 43T features four 3" (76.2 mm) drivers with the ability to handle up to 120 watts of continuous program. Two mounting systems are available to accommodate different acoustic requirements. The CA 43T PT includes a pan and tilt wall mount with up to 15° of tilt and up to 148° of pan, while the CA 43T LP includes a low-profile wall mount with up to 5° of tilt. Available in black or white, the CA 43T can operate in low-impedance direct as well 70 volt and 100 volt modes. The CA 43T places its power tap selector conveniently on the bottom of the speaker.

FEATURES
- Vertical and horizontal dispersion optimized for small and medium spaces
- 60 watts continuous pink noise 120 watts continuous program
- Frequency range: 125 Hz to 17 kHz
- Designed for quick and easy one person installation
- All CA Series models are voiced for consistency
- Convenient power tap selector on the bottom

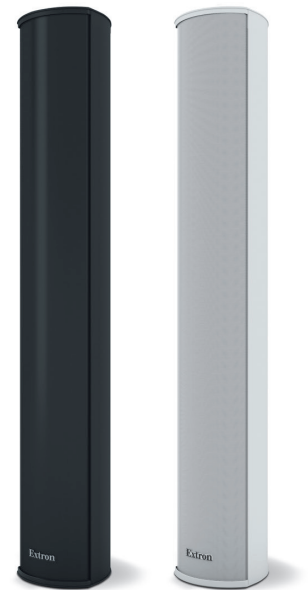| Model	Version Description	Part Number
CA 43T LP	Low Profile Mount, Single, Black	42-360-02
CA 43T LP	Low Profile Mount, Single, White	42-360-03
CA 43T PT	Pan and Tilt Mount, Single, Black	42-359-02
CA 43T PT	Pan and Tilt Mount, Single, White	42-359-03

CA 83T
30" Eight Driver Column Array Speaker

The CA 83T is a column array speaker designed to combine excellent speech intelligibility, a contemporary aesthetic, and integration-friendly mounting options. Engineered to be used as a fill speaker with the CA 163 or standalone, the CA 83T features eight 3" (76.2 mm) drivers with the ability to handle up to 240 watts of continuous program. Two mounting systems are available to accommodate different acoustic requirements. The CA 83T PT includes a pan and tilt wall mount with up to 15° of tilt and up to 148° of pan, while the CA 83T LP includes a low-profile wall mount with up to 5° of tilt. Available in black or white, the CA 83T can operate in low-impedance direct as well 70 volt and 100 volt modes. The CA 83T places its power tap selector conveniently on the bottom of the speaker.

FEATURES
- Vertical and horizontal dispersion optimized for small and medium spaces
- 120 watts continuous pink noise 240 watts continuous program
- Frequency range: 113 Hz to 17 kHz
- Designed for quick and easy one person installation
- All CA Series models are voiced for consistency
- Convenient power tap selector on the bottom

Model	Version Description	Part Number
CA 83T PT	Pan and Tilt Mount, Single, Black	42-358-02
CA 83T PT	Pan and Tilt Mount, Single, White	42-358-03
CA 83T LP	Low Profile Mount, Single, Black	42-357-02
CA 83T LP	Low Profile Mount, Single, White	42-357-03

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

Extron

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
- 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

NOW SHIPPING

AXI 22 AT D Plus
2 Input, 2 Output Dante Audio Interface - Decorator-Style Wallplate

The Extron AXI 22 AT D Plus is a single-gang decorator-style Dante® audio interface for integrating two mic/line sources onto a Dante-enabled audio system. It features two XLR audio inputs and switchable 48 volt phantom power for connecting and powering condenser microphones, and remote control via the network. The AXI 22 AT D Plus also features two line outputs for routing any two Dante channels from the network to the analog input of a destination device, or connecting into an optional secondary wallplate with two XLR outputs. The AXI 22 AT D Plus interfaces with any Dante-equipped audio processor, such as an Extron DMP 128 Plus AT, over a standard local area network, and can be powered through PoE. This allows a single network cable connection for bidirectional audio, control, and power from a central equipment rack.

FEATURES
- Two mic/line inputs on XLR connectors insert audio onto a Dante® network
- Two line outputs on a rear panel captive screw connector extract audio from a Dante network
- Dante audio networking provides a wide range of expansion capabilities
- **NEW** Controllable via the Dante network
- Studio grade 24-bit analog-to-digital and digital-to-analog converters selectable up to 96 kHz
- Compatible with Extron WPD 100 Series wallplates
- Includes black and white faceplates

Dante®

NOW SHIPPING

Model	Version Description	Part Number
AXI 22 AT D Plus	2x2 Dante Audio Interface, Decorator Style	60-1947-01
AXI 22 AT D Plus & WPD 102 XLRM	AXI 22 AT D Plus & WPD 102 XLRM Kit - Black	60-1942-22
AXI 22 AT D Plus & WPD 102 XLRM	AXI 22 AT D Plus & WPD 102 XLRM Kit - White	60-1942-23

AUDIO PRODUCTS

DMP 44 xi
4x4 Digital Matrix Processor

The Extron DMP 44 xi Digital Matrix Processor is a compact 4x4 audio mixer featuring digital signal processing with audio signal routing and control. The DMP 44 xi features four line level inputs and outputs, all offering balanced or unbalanced operation. It offers essential audio DSP tools for mixing, routing, and room optimization, such as gain, EQ, and compression. Intuitive configuration using DSP Configurator Pro allows the DMP 44 xi to be quickly and easily set up. The DMP 44 xi is ideal for presentation applications that require line level audio matrix mixing with DSP in a small form factor.

FEATURES

- 4x4 line level audio matrix mixer
- Digital audio signal processing on all inputs and outputs
- Expanded dynamics and filter DSP blocks
- DSP Configurator Pro provides an intuitive graphical user environment
- Four digital input ports for remote triggering
- Predictable, low latency hardware DSP

Model	Version Description	Part Number
DMP 44 xi	4x4 Digital Matrix Processor....................... 60-2041-01	

MVC 121 xi
Three Source Audio Mixer with DSP

The Extron MVC 121 xi is a compact, three source audio mixer featuring audio DSP for mixing and signal processing. The MVC 121 xi provides a stereo line level input and two mic/line level inputs with 48 volt phantom power for condenser microphones, plus fixed and variable stereo line level outputs. It offers gain, filters, bass and treble tone controls, along with parametric EQ. Quick and intuitive configuration of essential parameters is possible using the front panel controls or DSP Configurator Pro software. The MVC 121 xi is ideal for basic presentation applications that require line and microphone audio mixing with audio DSP in a small form factor.

FEATURES

- Mixes two microphone inputs and one stereo line input to two stereo outputs
- Audio DSP on all inputs
- Selectable front panel input and output level adjustment
- DSP Configurator Pro provides an intuitive graphical user environment
- Four digital input ports for remote mute triggering
- Predictable, low latency hardware DSP
- 24-bit/48 kHz analog-to-digital and digital-to-analog converters

Model	Version Description	Part Number
MVC 121 xi	Three Source Audio Mixer with DSP....................... 60-2048-01	

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

Europe	Middle East	Asia	China	Japan
+31.33.453.4040 / 00800.3987.6673	+971.4.299.1800	+65.6383.4400 / +800.7339.8766	+86.21.3760.1568 / +4000.398766	+81.3.3511.7655
+31.33.453.4050 FAX	+971.4.299.1880 FAX	+65.6383.4664 FAX	+86.21.3760.1566 FAX	+81.3.3511.7656 FAX

37

Extron

Extron and Microsoft Teams – Easier Than Ever

IP Link Pro xi Series Control Processors
Now Certified

Extron and Microsoft make it easier than ever to deploy high performance Certified for Microsoft Teams systems that now include IP Link Pro xi Series control processors in any size environment with complete Certified Design Solutions. We have worked together with our partners to develop solutions that include our certified hardware and have been rigorously tested to ensure performance, compatibility, and ease of use. These solutions provide exceptional control flexibility, speech intelligibility with Extron AEC, and an unmatched user experience.

Certified for Microsoft Teams

BULK CABLES

XTP DTP Punch Down Jack
Shielded RJ-45 Punch Down Jack Kit for Extron XTP DTP Shielded Twisted Pair Cables

The Extron XTP DTP Punch Down Jack is a shielded RJ-45 keystone jack engineered for use with Extron XTP DTP 22 and XTP DTP 24 shielded twisted pair cables. The jack is fully shielded for use in high EMI/RFI environments where signal integrity is critical. The keystone style snap-in design enables easy installation in wallplates, AAP™ AV Connectivity Modules, and similar mounting frames. The connector stand holder along with the punch down tool firmly secures the wire into the jack for quick and easy termination. The XTP DTP Punch Down Jack is available in packages of 10.

FEATURES
- Engineered for use with XTP DTP 22 and XTP DTP 24 Shielded Twisted Pair Cables
- Keystone style snap-in design for ease of installation in wallplates, AAP™ AV Connectivity Modules, and similar mounting frames
- High performance Category 6A RJ-45 keystone jack
- Metal strain relief and ground bonding
- Ideal for high EMI/RFI environments
- Compatible with TIA/EIA 568A/B wiring standards
- Gold plated contacts
- Available in packages of 10
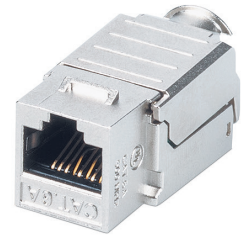
Model	Version Description	Part Number
XTP DTP Jack	XTP DTP Jack, Package of 10 101-038-01	

CABLES & ADAPTERS

DP Ultra Plus Series
Ultra Flexible 8K and 4K DisplayPort Cables

The Extron DP Ultra Plus Series of DisplayPort cables support video resolutions up to 8K and data rates up to 32.4 Gbps. These ultra-flexible cables provide the flawless transmission of high-bandwidth DisplayPort signals. Cable lengths up to nine feet (2.7 meters) support video resolutions up to 8K (7680x4320) and the 12-foot (3.6-meter) cable supports video signals up to 4K (4096x2160). Engineered with Extron-exclusive ultra-flexible 28 AWG cable, these cable assemblies offer a narrow bend radius for installation in space-constrained environments. The cables have gold-plated contacts and latching connectors for reliable signal transmission. The DP Ultra Plus Series cables are available in lengths up to 12 feet (3.6 meters).

FEATURES
- High performance, ultra-flexible 8K and 4K DisplayPort cables
- Cable lengths up to 9' (2.7 m):
  - Support resolutions up to 8K (7680x4320)
  - Provide 8.1 Gbps throughput per lane, 32.4 Gbps total
  - Conform to DisplayPort 1.4 standard
- 12' (3.6 m) cable:
  - Supports resolutions up to 4K (4096x2160)
  - Provides 5.4 Gbps throughput per lane, 21.6 Gbps total
  - Conforms to DisplayPort 1.2 standard
- Extron-exclusive ultra-flexible 28 AWG cable
- EDID and HDCP pass-through
- Latching DisplayPort connectors for reliable signal transmission
- Gold-plated contacts
- Available in lengths up to 12' (3.6 m)

8K

32.4 Gbps
8K/60 4:4:4

NOW SHIPPING

Model	Version Description	Part Number
DP Ultra Plus/3	3' (90 cm) 8K	26-753-03
DP Ultra Plus/6	6' (1.8 m) 8K.	26-753-06
DP Ultra Plus/9	9' (2.7 m) 8K.	26-753-09
DP Ultra Plus/12	12' (3.6 m) 4K.	26-757-12

Extron

CABLES & ADAPTERS

USBC ProMax Series

USB-C® 10 Gbps Active Cables with 8K Video and 100 W Power Delivery

The Extron USBC ProMax Series of active USB 10 Gbps cables transmit 8K video, audio, and data, and deliver 100 watts of power between USB-C® devices. They are suitable for long-distance signal delivery up to 30' (9.1 m). Each cable supports DisplayPort Alt Mode signals up to 8K, USB data rates up to 10 Gbps, and bidirectional 100 W USB Power Delivery for charging and powering mobile phones, external hard drives, and most laptops. They support 8K video with USB 2 data rates and 4K video with USB 3 data rates up to 10 Gbps. Descriptive text and a blue-colored ring on the host connector enable easy identification of cable directionality. USBC ProMax Series cables include Multi-Stream Transport (MST) support, allowing multiple monitors to be operated simultaneously from a single USB-C source output.

FEATURES

- Active USB-C cable simultaneously supports video, audio, data, and power:
  - USB data and power are bidirectional
  - DisplayPort audio and video are unidirectional
- 8K DisplayPort video support with USB High-Speed data rates:
  - 8K (7680x4320) DisplayPort Video delivered over four high-speed lanes for a total of 32.4 Gbps (8.1 Gbps per lane)
  - USB High-Speed (480 Mbps) data rates delivered over USB 2 lanes
- 4K DisplayPort video support with USB 10 Gbps data rates:
  - 4K (4096x2160) DisplayPort video delivered over two high-speed lanes for a total of 16.2 Gbps (8.1 Gbps per lane)
  - USB 10 Gbps data rates delivered over two high-speed lanes
  - USB High-Speed (480 Mbps) data rates delivered over USB 2 lanes
- Supports USB 3 data rates up to 10 Gbps
- USB Power Delivery up to 100 watts
- Color-coded and labeled ends

Model	Version Description	Part Number
USBC ProMax/15	15' (4.5 m)	26-759-15
USBC ProMax/25	25' (7.6 m)	26-759-25
USBC ProMax/30	30' (9.1 m)	26-759-30

Your Guide for Designing USB-C into Pro AV Spaces

Our new USB-C for Pro AV Design Guide is available for download. This vibrant, full-color handbook navigates you through the evolution of USB technology, from its inception to the latest USB standards. You'll gain a comprehensive understanding of cables, connectors, and communication protocols essential for seamless connectivity between USB hosts and peripherals. Explore detailed sections on integrating USB-C® with AV systems, crucial design considerations, and real-world examples of system designs.

Topics Covered:

- Designing USB into AV spaces
- The evolution of USB specifications
- Comparison of USB and Thunderbolt
- How Extron USB technology logos identify product features
- A guide to Extron USB-C products and technologies

To learn more, visit extron.com/usbguide

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.

ENTERPRISE TECHNOLOGIES
TRANSFORMING COLLABORATION SPACES

Extron

To learn more, visit 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

AV Control and Automation - The Heartbeat of Your Connected Space

Successful AV installations start with solid designs, and at the heart of every design lies the control system. Extron AV control and automation solutions simplify operation, unify experiences, and satisfy customer needs for reliable, versatile AV control in every space. Behind the scenes, our products work quietly in racks, tucked under conference tables, or mounted behind displays—switching and distributing signals, while reliably enhancing your AV experiences, year after year. Within a room, thoughtful interface designs on our touchpanels, button controllers, and room scheduling solutions ensure users can walk into any space and immediately get down to business without AV getting in their way.

Some Notable Articles Within This Guide:

- Newer Modern Workspaces - Explores the changing landscape of corporate workspaces and how post-pandemic offices and campuses are adapting to new collaboration challenges.

- Designing Control and Automation into Esports Facilities - Learn how Extron can help create a robust AV infrastructure that accommodates all the signals sent throughout the facility and serves as the foundation for esports installations of any size.

- Virtual Control - Learn how Extron Virtual Control is changing how people deploy, scale, and manage modern AV systems.

- All-in-One Control Systems - Learn how Extron LinkLicense for TLP Control Processor and the TLCA 1 TouchLink Control Port Expansion Adapter can transform your wall mount, tabletop, and Cable Cubby TouchLink Pro touchpanels into powerful, all-in-one control systems.

To learn more, visit extron.com/csdg

New Extron Institute Portal - Quickly Find the Training You Need

Extron's award-winning training and certification programs are more accessible and personalized than ever. With our newly enhanced Extron Institute Portal, finding, managing, and completing training has never been easier. Whether you're looking for self-paced learning, instructor-led courses, or certification programs, we provide AV professionals with the tools they need to stay ahead in a competitive industry.

A Smarter Way to Learn

- New Extron Institute Portal: Unified access with your Extron Insider account for seamless login and progress tracking.
- Learning Guide: Easily find the right courses by topic, technology, or skill level.
- Training Library: A centralized hub for all training offerings with improved navigation and filtering.

Training Built Around You

- Self-Paced Courses: Learn at your own speed with flexible online training.
- Instructor-Led Options: Interactive courses guided by Extron experts.
- My Schedule Page: Track all your enrolled instructor-led courses, daily schedule, and class details in one place.
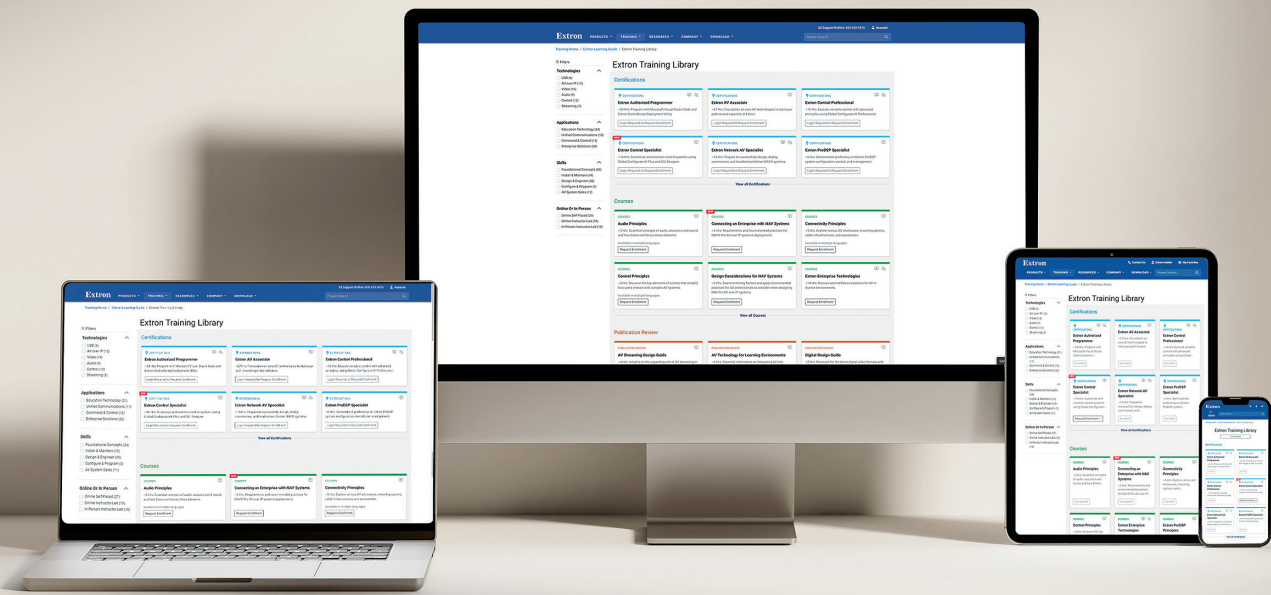
Industry-Recognition

- Certifications: Expand your expertise with hands-on and self-paced certification programs.
- Accolades: Showcase your AV achievements with completion certificates and official certification logos.
- Industry Renewal: Earn units for your AVIXA CTS, CTS-I, CTS-D, ANP, and BICSI CECs.
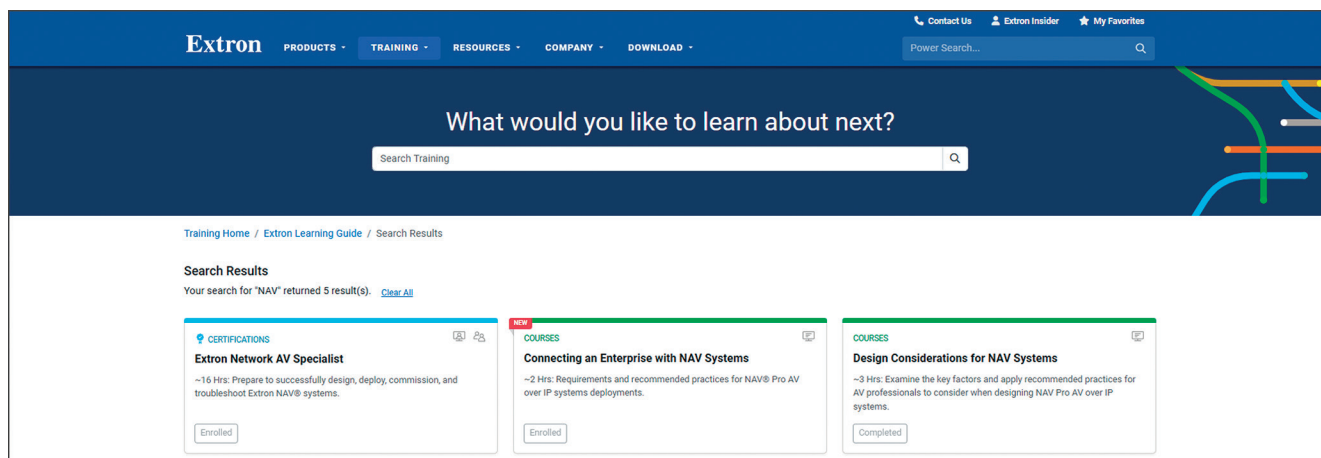
To learn more, visit extron.com/LearningGuide

Your Hub for Technical Training and Growth

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

The Extron Training Library and Learning Guides are designed for your convenience. All of Extron's training resources are centralized in one place, making it easier than ever to find what you need. Use filters to fine-tune your search and select the training that's right for you. The flexibility of our training honors your time while maintaining a comprehensive education with manageable self-paced lessons or interactive instructor-led hands-on experiences. 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
- Connecting an Enterprise with NAV Systems
- Connectivity Principles
- Control Principles
- Design Considerations for NAV Systems
- Extron ProDSP Principles
- Fiber Optic Principles
- Implementing and Validating XTP System
- Increasing Layout Efficiency with GUI Designer
- Managing EDID and HDCP for Reliable System Operation
- MediaLink Plus Controller Configuration
- Networking Principles
- Signal Processing and Distribution Principles
- Streaming Principles
- Switching and Management with XTP
- 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/traininglibrary

Personalized Technology Learning Experiences

Invigorate your team's professional education with our flexible instructor-led Extron technology courses. Engage in dynamic discussions and practical hands-on training that will increase your efficiency with Extron software and hardware.

Key Features:
- Flexible Duration: Schedule a brief one-hour session or a comprehensive deep dive into a single or multiple topics.
- Expert-Led Discussions: Gain insights from industry experts on topics most relevant to your team.
- Hands-On Experience: Develop core skills working with live connected products.

These classes are available on request. To explore the range of options for setting up an on-site visit or a personalized online experience, please contact your Extron representative.

Deploying Flexible Spaces with USB-C Pro Devices

- Understand the fundamental technical specifications and capabilities of USB-C technology.
- Explore practical UC applications to recognize the advantages of USB-C in real-world scenarios.
- Identify key Extron devices that leverage USB-C for enhanced performance and connectivity in audiovisual systems.

Implementing Secure AV System Control

- Discover the Extron control hardware and software ecosystem.
- Investigate applications that leverage available secure Extron control
- Walk-thru control software applications for designing layouts and configuring user interfaces.

Delivering Enterprise AV with NAV Pro AV over IP Systems

- Learn the foundational principles and benefits of AV over IP technology.
- Review a real-world application to illustrate the capabilities of NAV AV over IP systems.
- Become familiar with the features of NAV Systems and the products that optimize AV over IP for seamless integration and performance.

Expanding AV Systems Using DTP and XTP

- Gain insights into twisted pair and advantages of using DTP and XTP for AV signal transmission.
- Step-through an application that uses DTP3 to enhance AV systems.
- Define the core features of DTP3 and XTP II that maximize the efficiency and reliability of twisted pair for system expansion.

Processing and Distributing Efficient System Audio

- Recognize the benefits and capabilities of the cohesive audio system offered by Extron
- Study the use of Extron audio in various environment configurations
- Navigate DSP configuration software to refine processing and audio distribution

Creating Sustainable AV Systems for Maximum Efficiency

- Explore AV sustainability derived from product design, implementation, and management
- Learn how energy efficiency with cool-running hardware provides exceptional reliability for many years
- Discover the ways AV control systems save energy, time, and money during day-to-day enterprise operation

To learn more, visit extron.com/training

Our Newest Extron Locations

Las Vegas Experience Center

Our new Las Vegas Experience Center is now open! Located in the prestigious Hughes Center, just minutes from Harry Reid International Airport and the Las Vegas Strip, this facility is designed to showcase cutting-edge AV technology in a real-world setting.

Visitors can explore Extron's latest innovations through live product demonstrations, hands-on training, and personalized consultations with our experts.

- Live Product Demonstrations – See our newest AV solutions in action.

- Training Room – Gain hands-on experience with Extron technologies.

- Conference Room – Ideal for meetings and collaboration.

- By Appointment Only – Schedule a visit to get a personalized tour.

Experience Extron's industry-leading AV solutions in a space designed to inspire and inform. Contact us to book your visit today!

Sydney Technology Center

We're excited to announce the opening of our newest Extron office in Sydney, Australia! Conveniently located within walking distance of the Victoria Cross metro station in North Sydney, this state-of-the-art facility is designed to provide AV professionals with hands-on access to Extron technology, training, and real-world applications.

Whether you're looking to explore our latest AV solutions, attend a training session, or collaborate with our experts, the Sydney Technology Center is built to support your needs.

- Live Product Demonstrations – Experience the latest in AV technology firsthand.

- Training Room – Gain valuable insights through hands-on training courses.

- Conference & Collaboration Spaces – Designed for meetings, teamwork, and innovation.

- Real-World Applications – See Extron solutions in action, including esports and command & control environments.

- Expert Support – Our fully staffed team of Extron technology specialists is here to assist you.

To learn more, visit extron.com

Extron

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 over 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.

Andrew C. Edwards

Andrew C. Edwards
Chairman of the Board

Extron

www.extron.com

Follow us on: