Aurora

PRODUCT CATALOG 2017

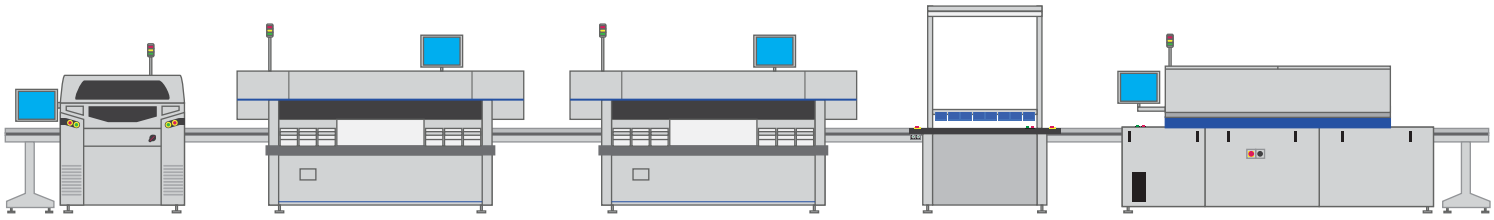
NEW 2017 PRODUCTS

AV EVOLUTION

HDMI ▶ One Room - One Cable™ ▶ HDBT ▶ iPBT ▶ 4K ULTRA HD

About Us

Aurora Multimedia products incorporate state-of-the-art technologies that surpass typical specifications and features. Our history of innovation – from the introduction of the industry's first non-proprietary, Web-standards-based IP control systems and touch panels, to today's advanced HDBaseT™ and IP video distribution solutions – has made us a dominant force in the AV industry. Advanced AV processors with scaling, multi-image rotation, and dual/quad display processing only add to our highly adaptive, diversified product line. Aurora Multimedia provides solutions for a variety of global markets, including government, education, security, hospitality, corporate, and house of worship.



Made in the USA

Founded in 1998, Aurora Multimedia manufactures products in our own facility in Morganville, New Jersey. Having an in-house production line gives us the flexibility to customize and innovate more quickly with better control over the manufacturing/quality process, and the ability to customize to meet end-user demands. We design and manufacture products for today's AV solutions, with integrators and their customers' budgets in mind, and we take pride in our products. That's why we offer a three-year warranty.

Please take a moment to look over our entire product line, get involved with our innovation, and share in our excitement.

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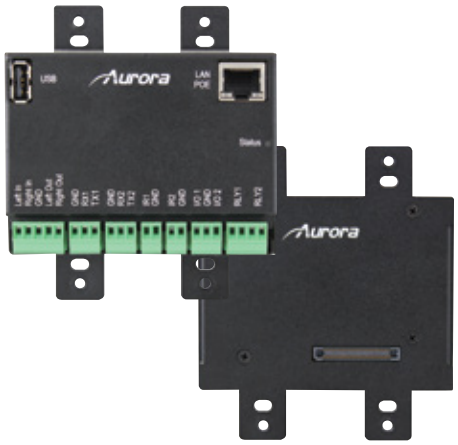
Specifications published in this catalog are subject to change. For the latest product offerings, visit our website: ***www.auroramm.com***



QXT-500/QXT-700

The QXT Series is a Dual Core 5" (QXT-500) and Quad Core 7" (QXT-700) IP Touch Panel/Control System. Ideal for conference rooms, educational facilities, digital signage and more. Designed to mount into a standard 2 Gang electrical box the QXT has a beautiful 1280x720 (QXT-500) or 1280x800 (QXT-700) touch screen with 170 degree viewing. The embedded Web Control engine includes RS-232, IR, Relays, and Digital I/O Ports for complete room control. To further enhance the experience the QXT has stereo speakers, light sensor, proximity sensor, and IR Learner. The QXT is a powerful 'all in one' solution for your presentation and automation needs.

- 1280x720 (QXT-500) or 1280x800 (QXT-700) Capacitive Touch Screen
- Dual Core Processor 1GHz per core (QXT-500) or Quad Core Processor 1GHz per core (QXT-700)
- 1GB 1066 DDR3 RAM/8GB Flash
- 2D/3D Graphic Accelerators
- 1080p 60Hz H.264 Decoder
- IP Control Engine, Web Server, FTP, and Browser (Supports HTML5)
- WACI Event Manager
- 2 Bi-directional RS-232, 2 IR/1-way Serial Ports, 2 I/O with A/D, and 2 Relays
- USB 2.0
- Stereo Line I/O
- 10/100/1000Mbps LAN with PoE
- Fits in 2 Gang Electrical Box
- Available in White or Black

Accessories:

Emitters
- CA0061-1

Port Expansion
- LXC-1

Mounting Options
- LVR-2G — Low Voltage Mounting Bracket

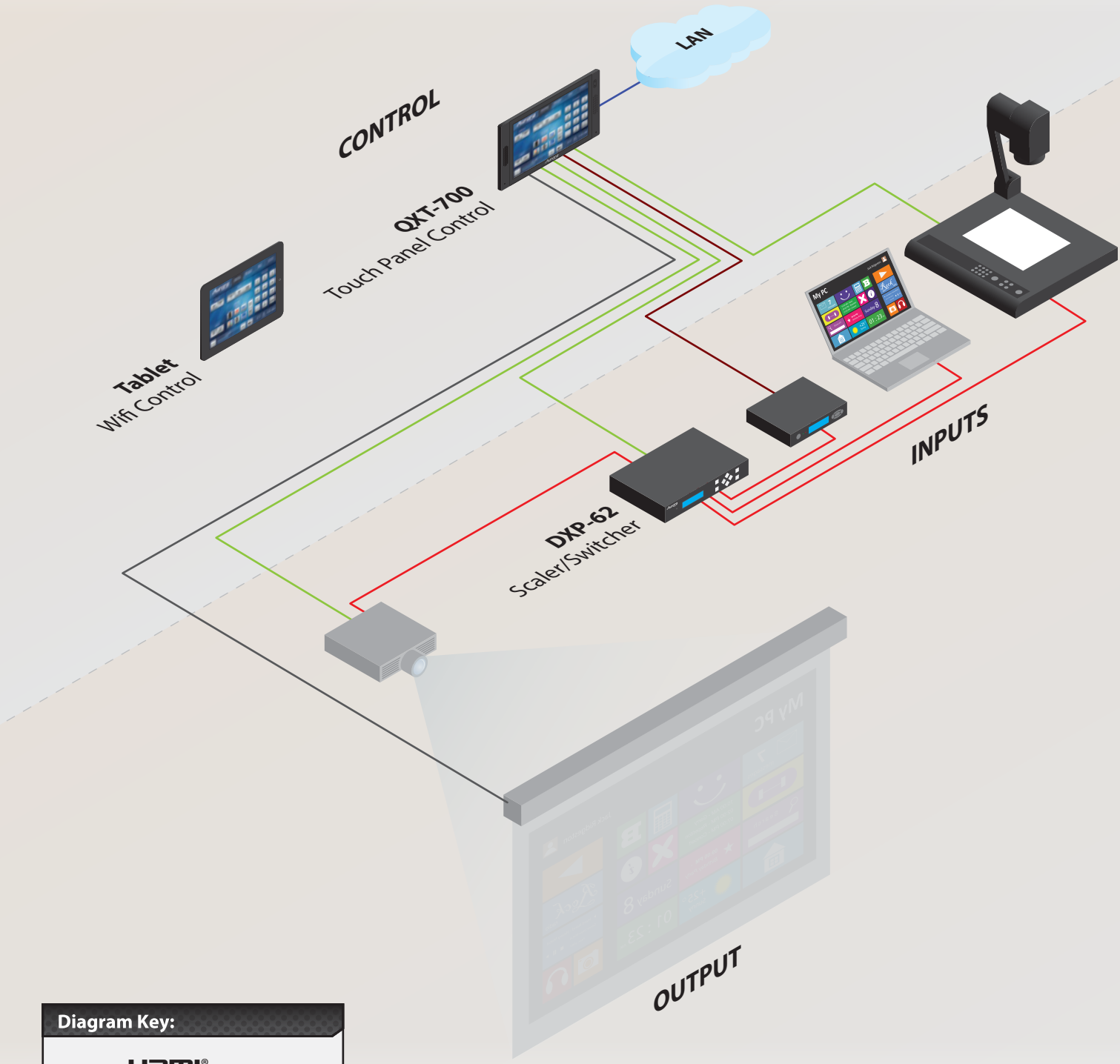


Diagram Key:

- HDMI®
- CAT5e/6/6a (Data Network)
- Serial (RS-232 Control)
- IR
- Other

QXC-44

The QXC-44 is a Quad Core IP Control System, ideal for conference rooms, educational facilities, digital signage and more. With full Web Server capabilities, the QXC-44 can serve up Web Control Pages to any Pad®/Android™/Microsoft® tablet or web browsing device ensuring an enhanced user experience. The QXC-44 has a variety of on-board Ports to control many different types of equipment such as but not limited to Serial Ports for devices like projectors, IR Ports for BluRay players, relays for screen or shade control, and I/O Ports for door and motion sensor devices. Of course the dual-port 1Gbps LAN is accessible for TCP/IP, HTTP Post, UDP and Telnet Control of virtually unlimited amount of Ethernet based AV devices.

- Quad Core Processor 1GHz per core
- 1GB 1066 DDR3 RAM/8GB Flash
- IP Control Engine, Web Server, FTP, and Browser
- WACI Event Manager with Real-time clock, conditional actions, parsing, and many more advanced features
- 4 Bi-directional RS-232, 4 IR/1-Way Serial Ports, 4 I/O with A/D, and 4 Relays
- USB 2.0
- Stereo Line I/O
- Dual 10/100/1000Mbps LAN with PoE (LAN1)
- Front Panel display and keypad
- 1RU Half-Rack for Single and Dual Rack-Mounting

Accessories:

Emitters
- CA0061-1

Port Expansion
- LXC-1

QXP-2

The QXP-2 is a Quad Core IP HD Video Presentation/Control System. Ideal for conference rooms, educational facilities, digital signage and more. No longer is the user interface limited to a separate touch screen or other interface device as this functionality is fully integrated into the QXP-2. Using the HDMI® output, the QXP-2 can be used as a digital signage player with full automation or as a touch panel interface in conjunction with its USB Serial Port. Capable of decoding 1080P 60Hz H.264 media and included 8GB of storage capacity makes it one of the industries first HD Video Presentation/Control System products on the market. With full Web Server capabilities the QXP-2 can serve up Web Control Pages to any iPad®/Android™/Microsoft® Tablet or Web browsing device ensuring an enhanced user experience.

- Quad Core Processor 1GHz per core
- 1GB 1066 DDR3 RAM/8GB Flash with 2D/3D Graphic Accelerators
- 1080p 60Hz H.264 Decoder
- IP Control Engine, Web Server, FTP, and Browser (Supports HTML5)
- WACI Event Manager
- 2 Bi-directional RS-232, 2 IR/1-Way Serial Ports, 2 I/O with A/D, and 2 Relays
- USB 2.0
- HDMI® Output
- Stereo Line I/O
- 10/100/1000Mbps LAN with PoE
- Dual 10/100 LAN
- Integrated Web Browser
- Fits in 2 Gang Electrical Box or mounts under tables, behind displays, and in cabinets

Accessories:

Emitters
- CA0061-1

Port Expansion
- LXC-1

Mounting Options
- LVR-2G Low Voltage Mounting Bracket

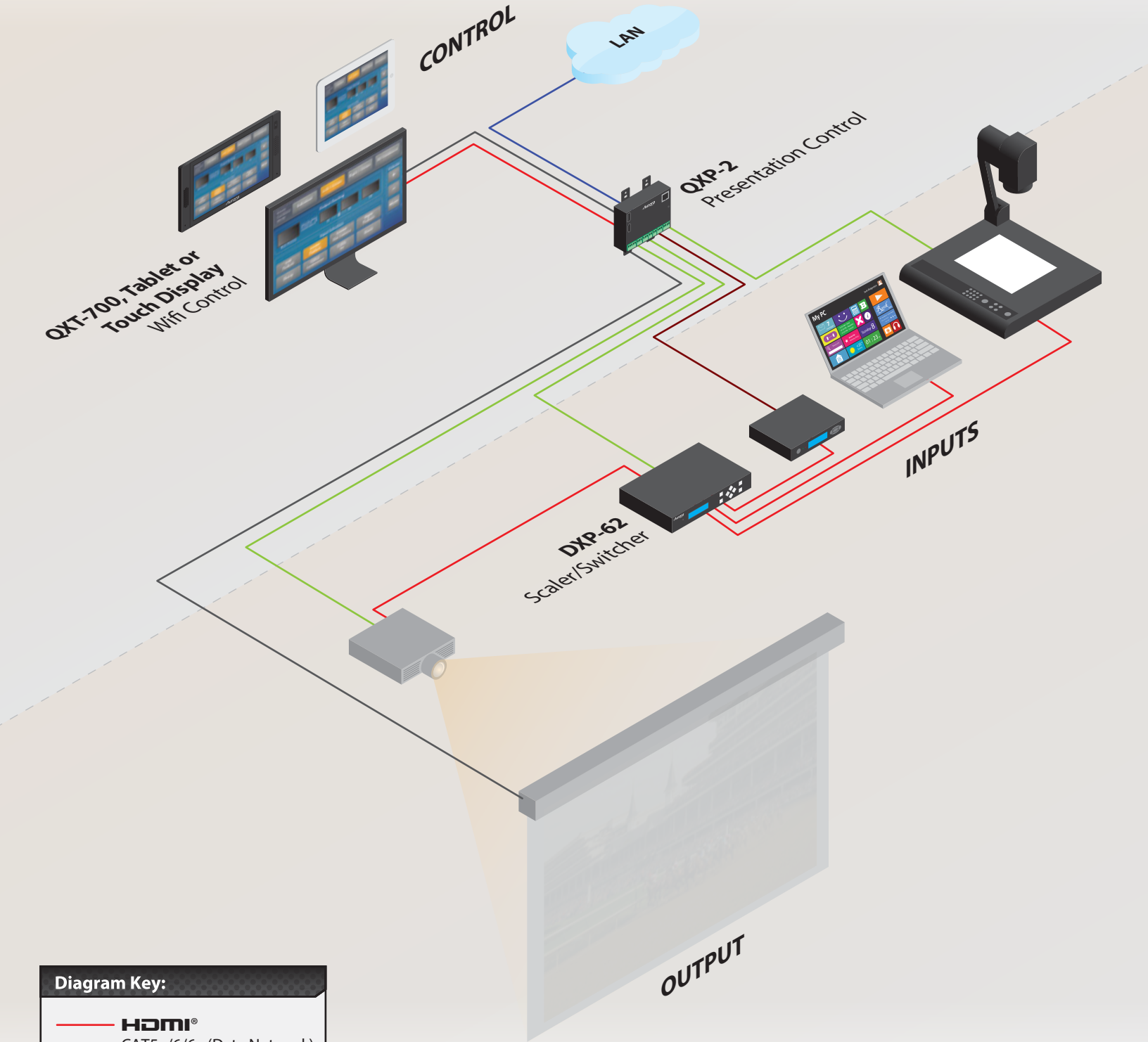
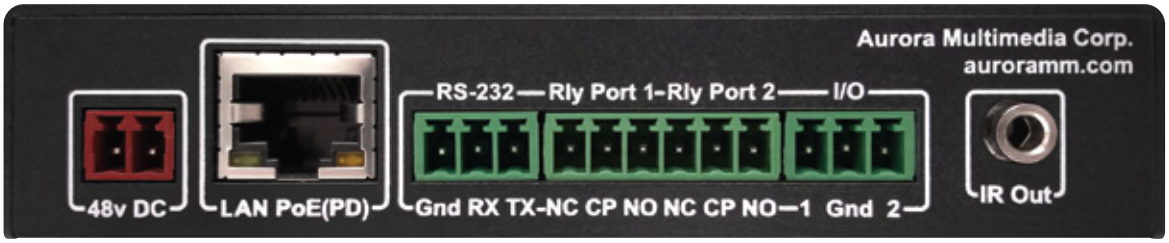


Diagram Key:

- HDMI®
- CAT5e/6/6a (Data Network)
- Serial (RS-232 Control)
- IR
- Other

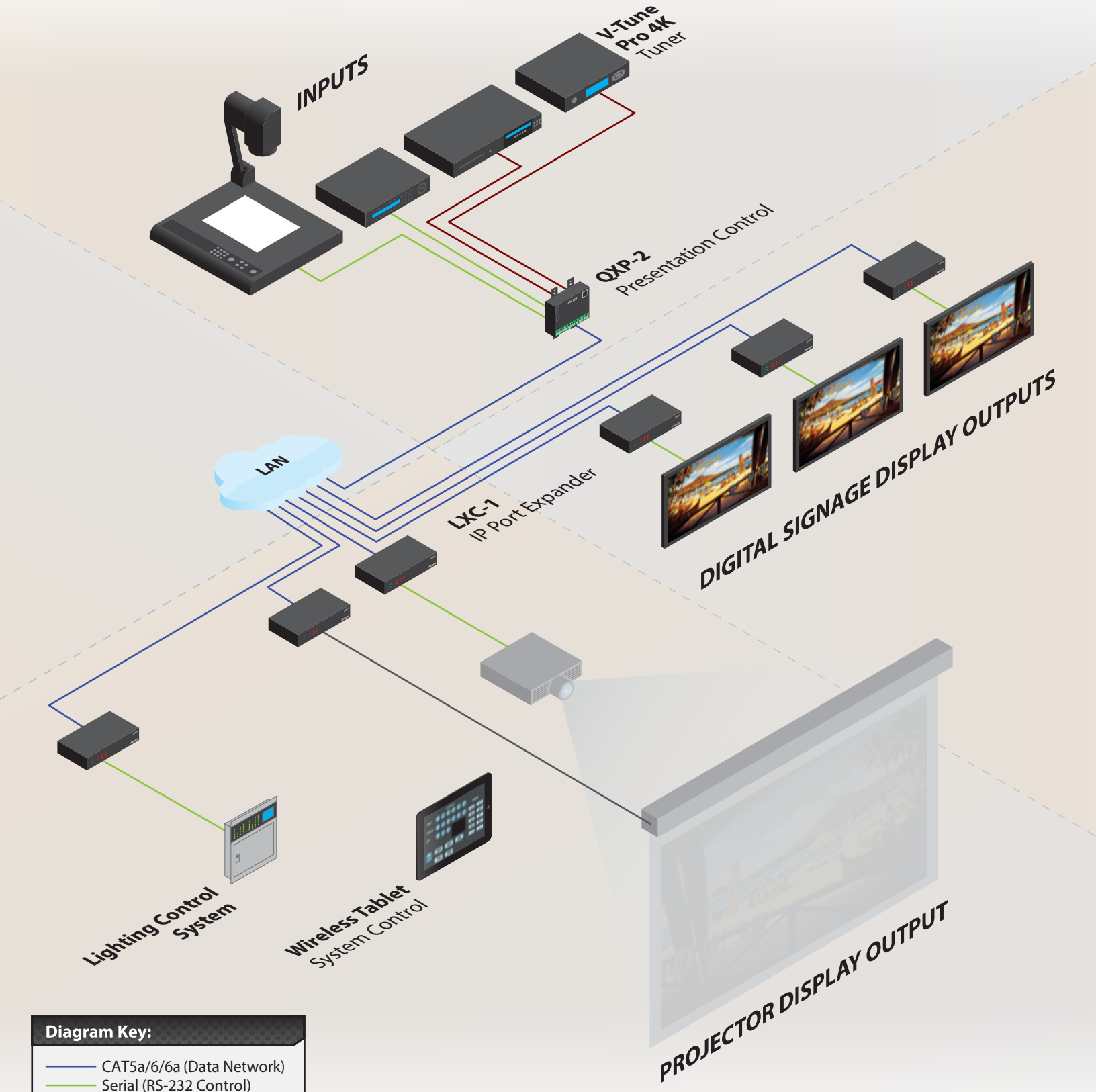
NEW



LXC-1

The LXC-1 is a low cost high performance IP to port expander. Designed for control port expansion, the LXC-1 has a variety of ports including 2-serial, 1 - IR, 2 - relays, and 2 - I/O ports. The internal Flash memory provides the ability for storing and serving up web-control pages for complete in room and remote control. All configuration of ports and can be done with the integrated setup web page. The LXC-1 works with all Aurora IP control products and 3rd party control too.

- 32 bit RISC Processor
- Telnet/TCP Controlled
- 2 Serial Ports
- 2 C-Type Relay Ports
- 2 Digital I/O Ports
- IR Port
- 10/100 LAN Power Over Ethernet (PoE)
- Integrated Web Server
- Integrated Setup Web Pages
- Low Power
- Compact size, easily fits under tables, behind displays, and in cabinets


INPUTS
V-Tune Pro 4K Tuner
OXP-2 Presentation Control
LAN
LXC-1 IP Port Expander
DIGITAL SIGNAGE DISPLAY OUTPUTS
Lighting Control System
Wireless Tablet System Control
PROJECTOR DISPLAY OUTPUT
Diagram Key:
CAT5a/6/6a (Data Network)
Serial (RS-232 Control)
IR
Other

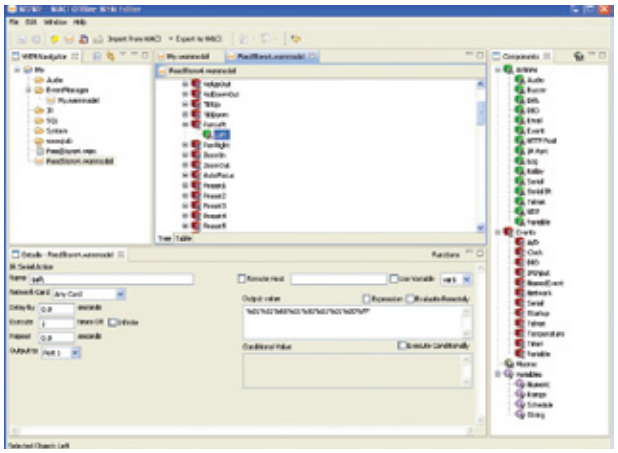
YIPi5

Your IP Interface (YIPI)

- Web Page Creator for WACI Controllers
- Drag and Drop style programming
- Easily incorporates Drop Down Menu, Sliders, and Radial Buttons
- 2-Way Feedback Modules
- Works with iOS and Android™ devices
- Generates HTML Web Pages
- Runs on all standard Web Browsers
- Free Download

WOWE

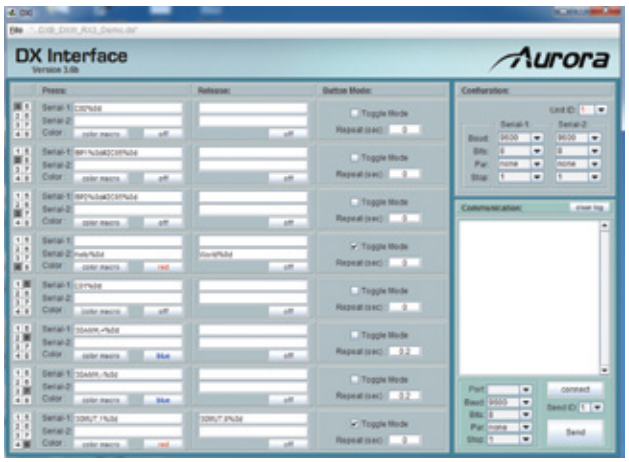
WACI OFF-LINE WEM EDITOR



WOWE

- WACI Control System Event Editor
- Drag and Drop Operations
- Creates WEM files for the WACI
- Speeds Development

DXI



DXI Programmer

- Easily program Serial Macro's for Button Activation
- Create Latching and Toggle Button configurations
- Create Ramping Button Macros for Volume/Camera Control
- For use with DXB-8 and DXW Wall Plates

The Ultimate Solution for 4K AV Distribution Over IP with Zero Compression and Zero Latency

The Challenge of Converging AV and IT

From the time AV and IT began to converge, manufacturers looked to merge the best of both worlds. In most aspects of the industry, this convergence has been highly successful, but the digital video sector has not made the transition as quickly. For many years, the network infrastructure simply could not support the ever-increasing bandwidth requirements of digital video distribution, leading to various iterations of proprietary point-to-point solutions.

As a result, video distribution in AV never truly evolved. It continued to rely on complex sets of equipment to perform a task, except with new transport methods. Concepts that seemed relatively simple and efficient in the IT world, such as signal distribution, were never fully embraced in AV.

Aurora's AV Evolution: The IPX and new VLX Series with IPBaseT® Technology

Now true AV/IT convergence is a reality thanks to Aurora Multimedia. Our development team has brought the best of AV and IT together into IPBaseT®, Aurora's proprietary technology that synergizes various IP and AV technologies to work together as one.

Aurora's IPBaseT® combines a variety of 4K IP technologies and features under one unified protocol using a simplified topology. Uncompressed video with zero-latency, visually lossless video with low latency, seamless switching, Videowall and multiviewer modes, digital audio, USB 2.0, Ethernet, and Control are just some of the core capabilities of IPBaseT®. Utilizing the bandwidth of a standard 1Gbps copper (VLX Series) or 10Gbps copper or fiber (IPX Series), IPBaseT® supports large scalable AV matrixing, and it does so while replacing multiple technologies and products with a "single-box" distributed platform. The days of needing a separate AV switcher, Control System, Videowall processor, audio/DSP converter, and more are a thing of the past!

	Matrix system	IP streaming system	VLX system	IPX system
4K UHD with zero compression and zero latency	Yes	No	Visually Lossless Low Latency	Yes
Transceiver topology for simplified inventory	No	No	Yes	Yes
Standard network switch infrastructure for easy scalability	No	Yes	Yes	Yes
Transceiver wall plate	No	No	Yes	Yes, World's Only!
Videowall processing	No	Yes	Yes	Yes
USB port to use as host or device	No	No	Yes	Yes
Full-bandwidth Gigabit Ethernet pass-through for data	No	No	No	Yes
Easy field serviceability	No	No	Yes	Yes
Integrated 2-input to 1-output HDMI® switch	No	No	Yes	Yes
Seamless switching	Premium cost	Premium cost	Fast Switch	Yes
Configure any IPX/VLX as TX or RX on the fly	No	No	Yes	Yes
ExtremeUSB® (USB 2.0 480Mbps) option	No	No	Integrated USB 2.0 (not ExtremeUSB®)	Yes
Dante™ network audio option	No	No	Yes	Yes

	VLX-TC1-C	*VLX-TCW2*	*iPX-TC1*	*iPX-TCW3*	*iPX-TC2*
Network Speed	1Gbps	1Gbps	10Gbps	10Gbps	10Gbps
Resolution	4K 4:4:4 30Hz/ 4K 4:2:0 60Hz	4K 4:4:4 30Hz/ 4K 4:2:0 60Hz	4K 4:4:4 30Hz/ 4K 4:2:0 60Hz	4K 4:4:4 30Hz/ 4K 4:2:0 60Hz	4K 4:4:4 60Hz
Compression	8:1	8:1	Zero	Zero	Zero @ 4K30Hz 1.3:1 @ 4K60Hz
Frame Latency	1.5	1.5	Zero	Zero	Zero
HDR	No	No	No	No	No
Scaling	1080p to 4K, 4K to 1080p	1080p to 4K, 4K to 1080p	No	No	Yes, 3ms Scaling for Zero Frame
EDID Management	Yes	Yes	Yes	Yes	Yes
Videowall	8x8	8x8	4x4	4x4	16x16
Windowing/Multiviewer	No	No	No	No	Up to 32
Seamless Switching	Fast Switch	Fast Switch	Yes, between same resolution	Yes, between same resolution	Yes, between any resolution
Fiber	No	No	Yes	Yes	Yes
Copper	Yes	Yes	Yes	Yes	Yes
USB	USB 2.0	USB 2.0	ExtremeUSB® 2.0 Option	ExtremeUSB® 2.0 Option	ExtremeUSB® 2.0 Option
Dante™ Option	Yes	Yes	Yes	Yes	Yes
Enclosure Style	Box	2 Gang	Box	3 Gang	Box
Auto Sense Switching	Yes	Yes	Yes	Yes	Yes
Breakaway Switching	Audio, USB, Control, & Dante™	Audio, USB, Control, & Dante™	Audio, USB, Control, & Dante™	Audio, USB, Control, & Dante™	Audio, USB, Control, & Dante™
Secure Content Encryption	Yes	Yes	Yes	Yes	Yes

NEW

VLX-TC1-C

The VLX-TC1 Series provides one of the most advanced IP Streaming solutions on the market utilizing Aurora's IPBaseT® technology, which synergizes various IP/AV standards to work together as one. It is the industry's first 4K UHD transceiver with only 1.5 frame (25ms) latency and visually lossless compression. Using a transmitter (encoder) and receiver (decoder), respectively, used to be the standard – until now. The VLX-TC1 Series can be set up as either one to make installation, inventory, and troubleshooting easier.

- 4K visually lossless over 1Gbps network
- Low 1.5 frame latency
- HDMI® 2.0/HDCP 2.2
- Unlimited scalability (based on network topology)
- Videowall with image rotation
- Online Streaming Video Preview
- Cloning
- Channel mapping
- PoE (Power over Ethernet)
- Stereo line I/O
- RS-232 and IR Control Ports
- Auto sense switching
- Break-away switching
- USB 2.0 Host and Device Ports
- Dante™ IP audio option
- Secure Content Encryption

Accessories:

Control System
- QXP-2-VLX — VLX Embedded Linux® Server Version

Option Cards
- IPE-DTE-1 — Dante™ option

Mounting Options
- VLX-TC1-RK1 — 1RU Dual Rack Mount Kit
- VLX-TC1-RK5 — 5RU Rack Mount Kit (Holds 12 Units)

Power Supplies
- PS0081-1 — 48V 24 Watt PoE Injector
- PS0094-2 — 48V 25 Watt Wall Supply

NEW

VLX-TCW2H-C/VLX-TCW2V-C

The VLX-TCW2 Series provides one of the most advanced IP Streaming solutions on the market utilizing Aurora's IPBaseT® technology, which synergizes various IP/AV standards to work together as one. It is the industry's first 4K UHD transceiver with only 1.5 frame (25ms) latency and visually lossless compression. The VLX-TCW2 is available in 2 models, VGA/HDMI® (VLX-TCW2V) and 2 HDMI® (VLX-TCW2H). Using a transmitter (encoder) and receiver (decoder), respectively, used to be the standard – until now. The VLX-TCW2 Series can be set up as either one to make installation, inventory, and troubleshooting easier.

- 4K visually lossless over 1Gbps network
- Low 1.5 frame latency
- HDMI® 2.0/HDCP 2.2
- Unlimited scalability (based on network topology)
- Videowall with image rotation
- Online Streaming Video Preview
- Cloning
- Channel mapping
- PoE (Power over Ethernet)
- Stereo line I/O
- RS-232 and IR Control Ports
- Auto sense switching
- Break-away switching
- USB 2.0 Host and Device Ports
- Dante™ IP audio option
- Secure Content Encryption

Accessories:

Control System
- QXP-2-VLX — VLX Embedded Linux® Server Version

Option Cards
- IPE-DTE-1 — Dante™ option

Mounting Options
- LVR-2G — 2 Gang Electrical Ring

Power Supplies
- PS0081-1 — 48V 24 Watt PoE Injector
- PS0094-2 — 48V 25 Watt Wall Supply

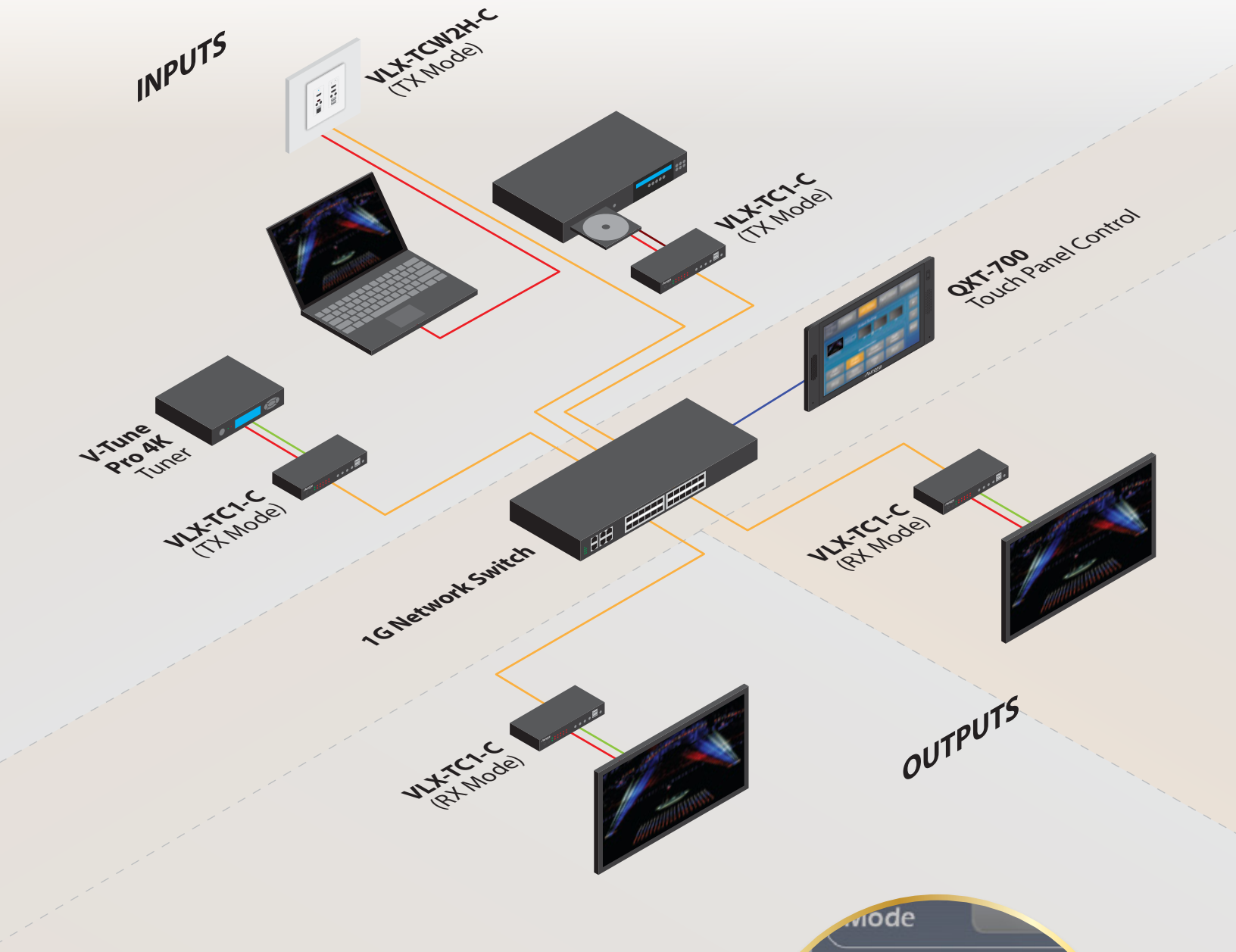
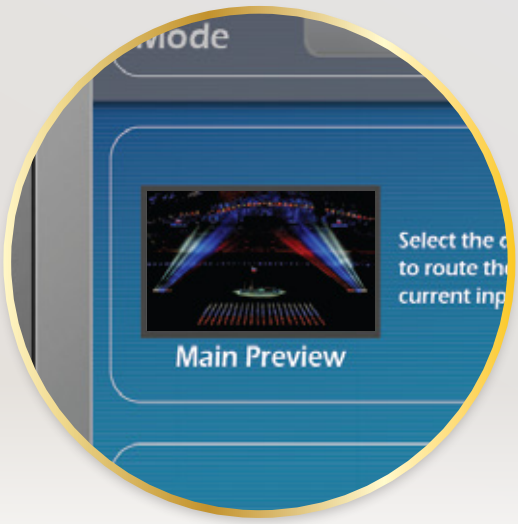


Diagram Key:

- HDMI®
- CAT5a/6/6a (Data Network)
- Copper (Data/IPBaseT®)
- Serial (RS-232 Control)
- IR



Online Streaming Video Preview

IPX-TC1-F/IPX-TC1-C

The IPX-TC1 provides one of the most advanced IP Streaming solutions on the market utilizing Aurora's IPBaseT™ technology, which synergizes various IP/AV standards to work together as one. It is the industry's first 4K2K transceiver with zero compression and latency based on BlueRiver NT™ platform. Using a transmitter (encoder) and receiver (decoder), respectively, used to be the standard – until now. The IPX-TC1 can be set up as either one to make installation, inventory, and troubleshooting easier. Another industry first is the option slot to add other IP capabilities, like ExtremeUSB® (USB 2.0 over IP) or Dante™ audio, for a more complete, distributed system.

- 4K with zero compression and zero latency
- Available for 10Gbps fiber MMF/SMF or 10Gbps copper networks
- Unlimited scalability (based on network topology)
- Seamless and breakaway switching
- Videowall capabilities
- Stereo line I/O
- RS-232 and IR Control Ports
- Integrated Web Server
- Dante™ IP audio option
- ExtremeUSB® (USB 2.0 480Mbps) option
- Secure Content Encryption

Accessories:

Option Cards
- IPX-USB2 — USB 2.0 ExtremeUSB®
- IPX-DTE-1 — Dante™ option

Cables
- IPX-SFP-PPC-1 — SFP+ 10Gbps Passive Patch Cable 1M (3ft)
- IPX-SFP-OM3DXLC-1 — OM3 Fiber 50/125 Multi-mode LC Patch Cable 1M (3ft)

Mounting Options
- IPX-TC1-RK1 — 1RU Dual Rack Mount Kit
- IPX-TC1-RK5 — 5RU Rack Mount Kit (Holds 12 Units)

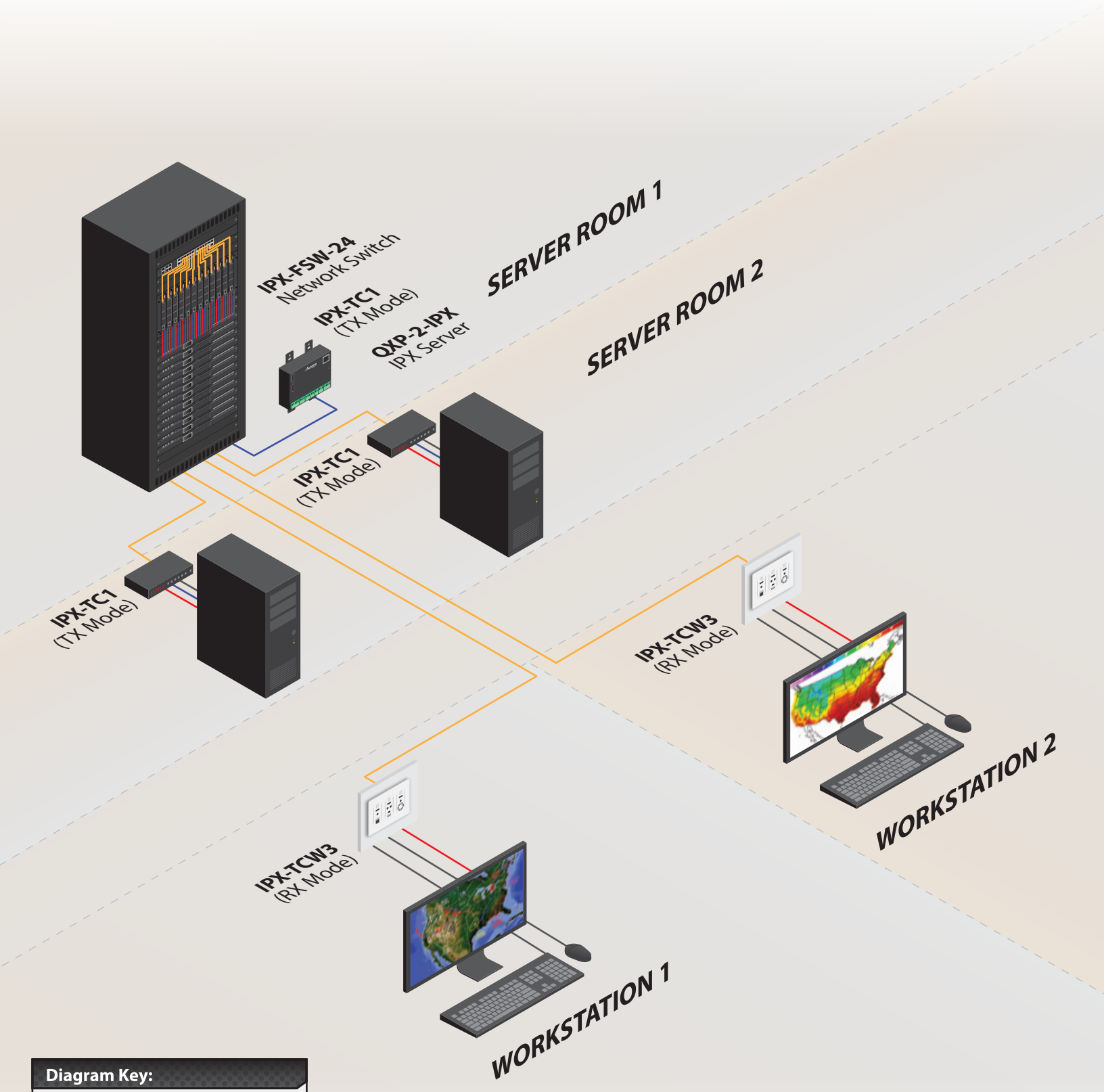
Power Supplies
- PS0081-1 — 48V 24 Watt PoE Injector
- PS0094-2 — 48V 25 Watt Wall Supply
- PS0096-1-US — 5V 25 Watt Power Supply

IPX-TCW3

IPX-TCW3 4K2K IP AV distribution wall plate built on Aurora's IPBaseT™ technology – which synergizes various IP and AV technologies to work together as one – the three-gang in-wall transceiver is the industry's first 4K2K IP wall plate to feature zero compression and zero latency.

To simplify AV room combining in business centers, hospitality settings, and medical and government facilities, the IPX-TCW3 can be set up as either a transmitter (input) or a receiver (output). When configured as a transmitter, the auto-detectable HDMI® inputs allow for two sources to be selected from a single wall plate over the network, and the HDMI® output becomes a local loop-through for the selected source. When configured as a receiver, the TCW3 serves as an output HDMI® plate installed behind a display for easy wiring, and its two HDMI® inputs become local source inputs for in-room viewing. The wall plate features built-in source switching for seamless operation; analog and digital audio de-embedding with flexible audio breakaway switching; as well as RS-232, IR and Ethernet Control at any transceiver location.

- 4K with zero compression and zero latency
- Available for 10Gbps fiber MMF/SMF or 10Gbps copper networks
- Unlimited scalability (based on network topology)
- Seamless and breakaway switching
- Videowall capabilities
- Stereo line I/O
- RS-232 and IR Control Ports
- Integrated Web Server
- Dante™ IP audio option
- ExtremeUSB® (USB 2.0 480Mbps) option
- Secure Content Encryption


IPX-FSW-24
Network Switch
IPX-TC1
(TX Mode)
QXP-2-IPX
IPX Server
SERVER ROOM 1
SERVER ROOM 2
IPX-TC1
(TX Mode)
IPX-TC1
(TX Mode)
IPX-TCW3
(RX Mode)
WORKSTATION 2
IPX-TCW3
(RX Mode)
WORKSTATION 1
Diagram Key:
HDMI®
CAT5e/6/6a (Data Network)
Fiber (Data/IPBaseT®)
Serial (RS-232 Control)
Other (USB)

NEW

ZERO FRAME LATENCY SCALING

IPX-TC2

The IPX-TC2 provides one of the most advanced IP Streaming solutions on the market utilizing Aurora's IPBaseT™ technology, which synergizes various IP/AV standards to work together as one. It is the industry's first 4K2K transceiver with zero compression and latency based on BlueRiver NT™ platform. Using a transmitter (encoder) and receiver (decoder), respectively, used to be the standard – until now. The IPX-TC2 can be set up as either one to make installation, inventory, and troubleshooting easier. Another industry first is the option slot to add other IP capabilities, like ExtremeUSB® (USB 2.0 over IP) or Dante™ audio, for a more complete, distributed system.

- 4K 60Hz 4:4:4 HDR lossless compression and zero frame latency
- 4K 30Hz 4:4:4 and below – zero compression and zero frame latency
- Available for 10Gbps fiber MMF/SMF or 10Gbps copper networks
- Windowing/Multiviewer, supports up to 32
- 4K scaling with only 3ms Latency
- Seamless and breakaway switching (any resolution to any resolution)
- Videowall processing up to 16x16
- Stereo line I/O
- RS-232 and IR Control Ports
- Dante™ IP audio option
- ExtremeUSB® (USB 2.0 480Mbps) option
- Secure Content Encryption

Accessories:

Option Cards
- IPX-USB2 — USB 2.0 ExtremeUSB®
- IPX-DTE-2 — Dante™ option

Cables
- IPX-SFP-PPC-1 — SFP+ 10Gbps Passive Patch Cable 1M (3ft)
- IPX-SFP-OM3DXLC-1 — OM3 Fiber 50/125 Multi-mode LC Patch Cable 1M (3ft)

Mounting Options
- IPX-TC1-RK1 — 1RU Dual Rack Mount Kit
- IPX-TC1-RK5 — 5RU Rack Mount Kit (Holds 12 Units)

Power Supplies
- PS0081-1 — 48V 24 Watt PoE Injector
- PS0094-2 — 48V 25 Watt Wall Supply
- PS0096-1-US — 5V 25 Watt Power Supply

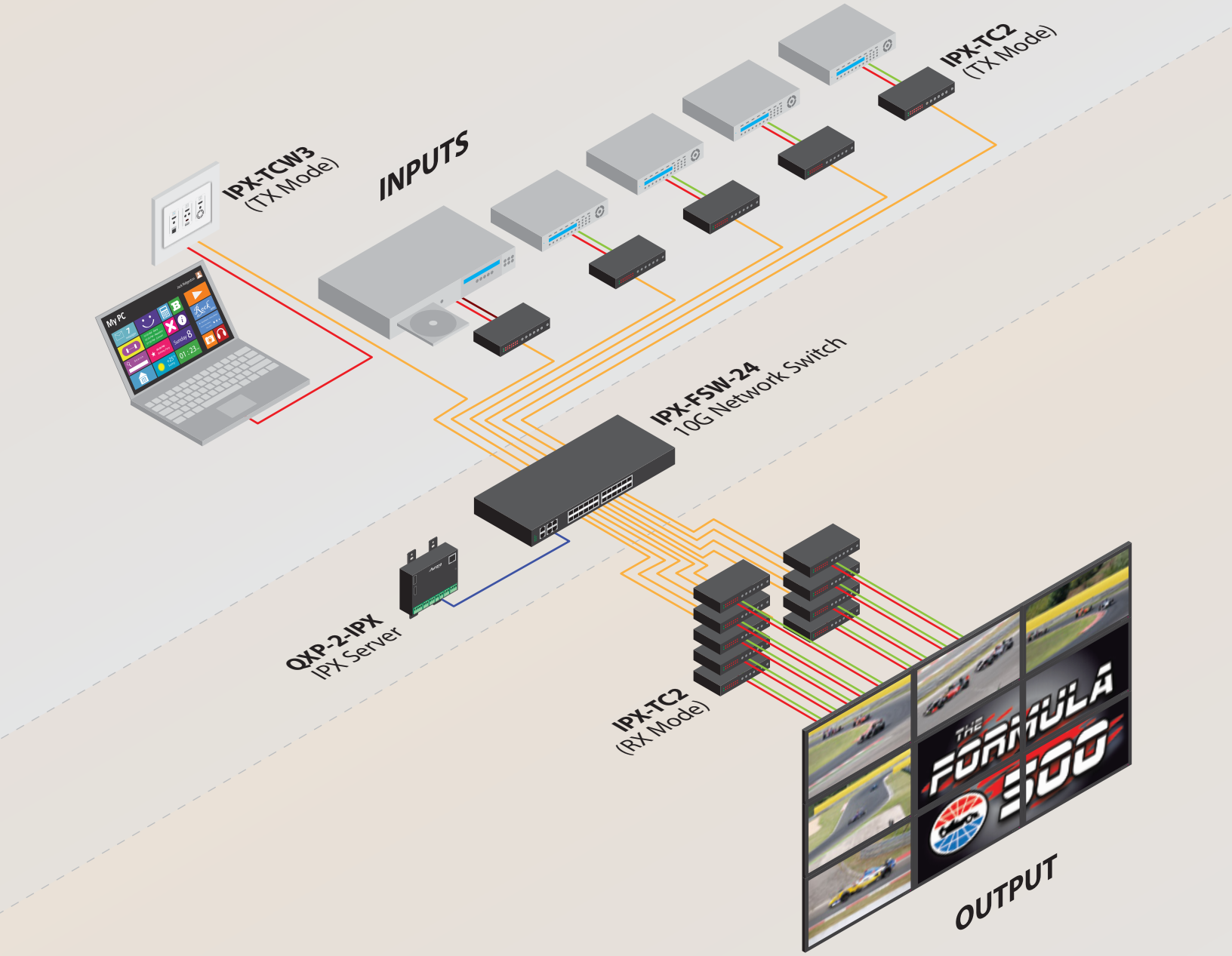


Diagram Key:

- HDMI®
- CAT5e/6/6a (Data Network)
- Fiber (Data/IPBaseT®)
- Serial (RS-232 Control)
- IR

IPX-FSW-8

The IPX-FSW-8 is a standard layer 3 non-blocking switch. Providing 260Gbps switching capacity, 191.36Mpps forwarding performance, and L2/L3 full wire-speed forwarding. Flexible networking capability ensures the stability of the network and the balance of the load link. The modular design provides 8 10Gbps SFP+ Optical Ports, 8 10/100/1000M RJ45 Electrical Ports, 1 Console Port, and 1 OOB management Port. This offers enough bandwidth for data aggregation and data exchange.

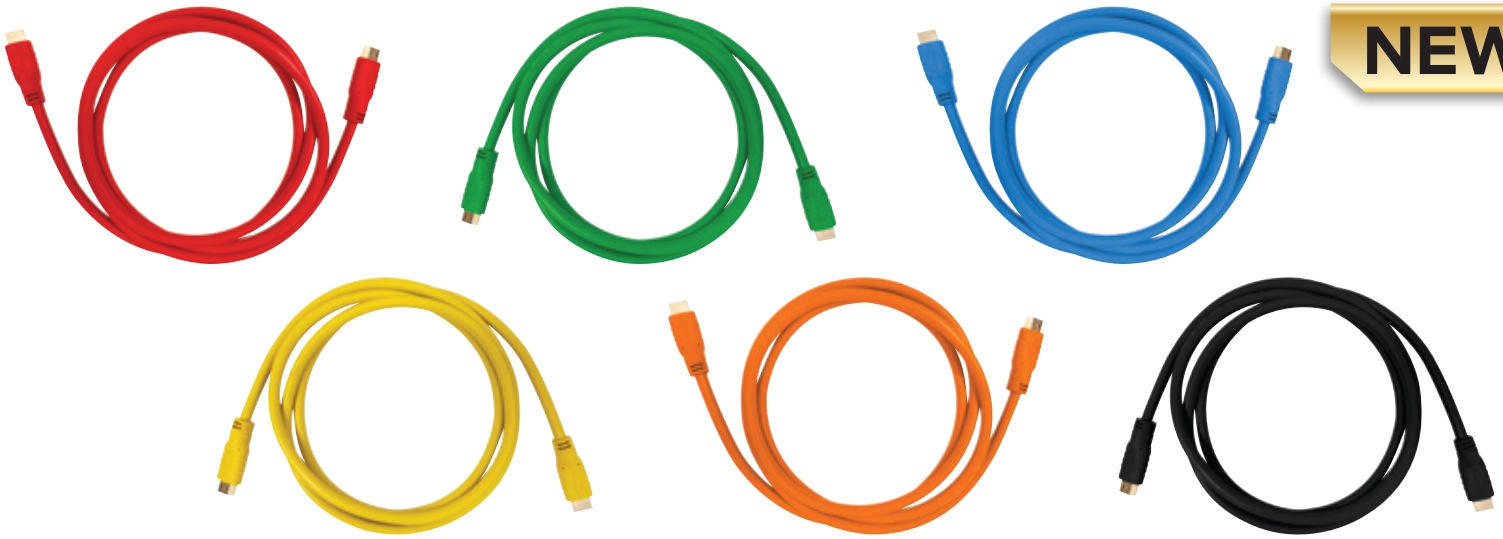
IPX-FSW-12

The IPX-FSW-12 is a standard layer 3 non-blocking switch. Providing 276Gbps switching capacity, 202.36Mpps forwarding performance, and L2/L3 full wire-speed forwarding. Flexible networking capability ensures the stability of the network and the balance of the load link. The modular design provides 12 10Gbps SFP+ Optical Ports, 8 10/100/1000M RJ45 Electrical Ports, 1 Console Port, and 1 OOB management Port. This offers enough bandwidth for data aggregation and data exchange.

IPX-FSW-24

The IPX-FSW-24 is a standard layer 3 non-blocking switch. Providing 490Gbps switching capacity, 510Mpps forwarding performance, and L2/L3 full wire-speed forwarding. Flexible networking capability ensures the stability of the network and the balance of the load link. The modular design provides 24 10Gbps SFP+ Optical Ports, 4 10/100/1000M RJ45 Electrical Ports,1 Console Port, and 1 OOB management Port. This offers enough bandwidth for data aggregation and data exchange.

All Switches come pre-configured for the IPX Series for quick and easy out of the box usage.



NEW

CA-HDMI

- HDMI® 2.0a Cable
- Flexibility and weight of a thin cable, quality of a thick cable
- Works even when coiled or pinched
- Resolutions up to 4K 60Hz 4:4:4
- Full 600MHz Bandwidth with 18Gbps throughput
- HDR High Dynamic Range
- Available in Red, Green, Blue, Yellow, Orange, Black, and Custom Colors
- Sizes: 0.5m, 1m, 2m, 3m, and 5m (1.6′, 3.3′, 6.6′, 9.8′, and 16.4′)
- Easy grip connector and enhanced strain relief

HDR HIGH DYNAMIC RANGE

HIGH SPEED 18 Gbps

Part Number Ordering Matrix:

	Red	Green	Blue	Yellow	Orange	Black
0.5m (1.6′)	CA-HDMI-RED-0.5	CA-HDMI-GRN-0.5	CA-HDMI-BLU-0.5	CA-HDMI-YEL-0.5	CA-HDMI-ORN-0.5	CA-HDMI-BLK-0.5
1m (3.3′)	CA-HDMI-RED-1	CA-HDMI-GRN-1	CA-HDMI-BLU-1	CA-HDMI-YEL-1	CA-HDMI-ORN-1	CA-HDMI-BLK-1
2m (6.6′)	CA-HDMI-RED-2	CA-HDMI-GRN-2	CA-HDMI-BLU-2	CA-HDMI-YEL-2	CA-HDMI-ORN-2	CA-HDMI-BLK-2
3m (9.8′)	CA-HDMI-RED-3	CA-HDMI-GRN-3	CA-HDMI-BLU-3	CA-HDMI-YEL-3	CA-HDMI-ORN-3	CA-HDMI-BLK-3
5m (16.4′)	CA-HDMI-RED-5	CA-HDMI-GRN-5	CA-HDMI-BLU-5	CA-HDMI-YEL-5	CA-HDMI-ORN-5	CA-HDMI-BLK-5

QXP-2-IPX
- IPX Embedded Linux® Server Version

IPX-USB2
- IPX Series USB 2.0 ExtremeUSB® Option Card

IPX-DTE-1
- IPX-TC1 and IPX-TCW3 Dante™ Option Card

IPX-DTE-2
- IPX-TC2 Series Dante™ Option Card

IPE-DTE-1
- VLX Series Dante™ Option Card

IPX-FSW-8
- 8 port SFP+ Switch

IPX-FSW-12
- 12 port SFP+ Switch

IPX-FSW-24
- 24 port SFP+ Switch

DXB-8/DXB-8i
- 8 Button Wall Plate (Customizable)

IPX-SFP-10GMM-1
- 10Gbps SFP+ Multi-mode LC 50/125 Module

IPX-SFP-10G32C1
- 10Gbps SFP+ BIDI Single Mode 1330/1270nm Module 10KM

IPX-SFP-10G23C1
- 10Gbps SFP+ BIDI Single Mode 1270/1330nm Module 10KM

IPX-SFP-10G20
- 10Gbps SFP+ Single Mode Dual Module 1310nm 20KM

IPX-SFP-OM3DXLC-1
- OM3 Fiber 50/125 Multi-mode LC Patch Cable 1M (3ft)

IPX-SFP-PPC-1
- SFP+ 10Gbps Passive Patch Cable 1M (3ft)

FI-GIG-GIDY-xx
- Dual OM3 Multi-Mode Terminated Fiber with LC Connectors + 18/2 Power Cable
- Available through West Penn Wire

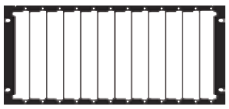
iPBT® CERTIFIED PRODUCT PARTNER

CA-HDMI
- HDMI® 2.0a Cable
- Resolutions up to 4K 60Hz 4:4:4, 18Gbps
- Available in a variety of colors and lengths

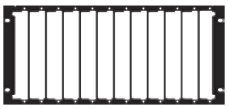
IPX-TC1-RK1
- 1RU Dual Rack Mount Kit

VLX-TC1-RK1
- 1RU Dual Rack Mount Kit

IPX-TC1-RK5
- 5RU Rack Mount Kit (Holds 12 Units)



VLX-TC1-RK5
- 5RU Rack Mount Kit (Holds 12 Units)



IPX-TC1-BLK
- Blank Plate for Rack Mounts

VLX-TC1-BLK
- Blank Plate for Rack Mounts

IPX-TC1-RAIL
- For IPX-TC1 use in Rack Mounts

VLX-TC1-RAIL
- For VLX-TC1 use in Rack Mounts

VLX-LCVR
- VLX Wall Plate LAN Port Cover

CA0052-F2T3R
- RS-232 Adapter (3.5mm TRS to FEMALE DB9 2-TX 3-RX)

CA0052-F3T2R
- RS-232 Adapter (3.5mm TRS to FEMALE DB9 3-TX 2-RX)

CA0052-M2T3R
- RS-232 Adapter (3.5mm TRS to MALE DB9 2-TX 3-RX)

CA0052-M3T2R
- RS-232 Adapter (3.5mm TRS to MALE DB9 3-TX 2-RX)

CA0061-1
- IR Emitter

CA0062-1
- IR Receiver

LVR-2G
- 2 Gang Electrical Ring

LVR-3G
- 3 Gang Electrical Ring

PS0081-1
- 48V 24 Watt PoE Injector
- Available in -US, -AU, -EU, and -UK worldwide models

PS0094-2
- 48V 25 Watt Wall Supply
- Available in -US, -AU, -EU, and -UK worldwide models

PS0096-1-US
- 5V 25 Watt Desktop Style Power Supply

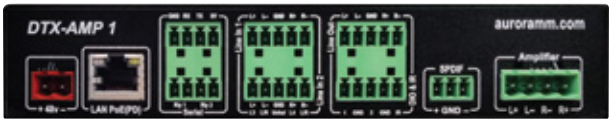
V-Tune Pro 4K

The new V-Tune Pro 4K delivers a total true 4K2K High Definition worldwide tuning solution for any integrated system which requires IPTV, ATSC, QAM, DVB, NTSC and PAL. The tuner is capable of decoding MPEG2, MPEG4, VC-1, H.264, and H.265 with resolutions up to 4096×2160 @ 60Hz via RF and LAN. There is also an onboard 4k scaler for viewing 1080P HD content on 4K displays.

The V-Tune Pro 4K is integrator-friendly with IR, RS-232 and IP-based Control. With the ability to program any channel for OTA/Broadcast or streaming content from the LAN, the V-Tune Pro 4K empowers the user to easily switch between content by simply changing channels. Channel/Setup Configuration is "clone-able" for ease of setup.

- IPTV (UDP/RTP/RTSP Multicast and Unicast)
- ATSC/QAM/DVB Worldwide Digital Ultra High Definition Tuning
- NTSC and PAL Analog Tuning
- H.265, H.264, MPEG 4, MPEG2, and VC-1 up to 4K UHD
- Video and HDMI® Outputs
- Resolutions: 480i, 480p, 720p, 1080i, 1080p, 4K UHD, 4K2K (4096×2160)
- Stereo L/R, S/PDIF, and Optical Audio Outputs
- Dolby® Digital Surround Sound
- OSD Menus, Closed Captioning, V-Chip, and EPG
- 1RU Rack Mount Ears and IR Remote Included
- RS-232, LAN, and IR Remote Control
- Firmware Upgradeable and Cloning via USB Port or LAN
- Built-in in Web Page Remote Control
- Mount one or two units in a 1RU space

NEW



DTX-AMP1

The DTX-AMP1 is the world's first PoE++ 2x35 watt Dante™ amplifier to integrate IP control and audio DSP functionality. The audio DSP allows parametric equalization, noise reduction, mixing, volume control, audio ducking, and more. The IP control allows for any 3rd party control system to use the DTX-AMP1 RS-232, IR, Digital I/O, and relays as a IP port expander.

The DTX-AMP1 also has a variety of audio inputs and outputs with two balanced L/R line inputs, one of which can be selected as 2 independent L/R unbalanced inputs, L/R balanced line output, S/PDIF, and L/R amplifier output. The amplifier will operate at full power with external power supply of 70W total. Depending on PoE class type connected, the DTX-AMP1 can supply up to 60W of total power. The DTX-AMP1 Dante™ amplifier allows for a complete in room audio experience and simplifies the connectivity while increasing the flexibility.

- 2x35 Watt Amplifier 70W total when bridged
- Integrated Web Server for remote IP control and setup
- Dante™/AES67 2 channel
- Audio DSP for parametric equalization, noise reduction, and mixing
- 2 stereo balanced line in or stereo balanced/2 stereo unbalanced
- S/PDIF In and Out
- Stereo balanced Line Out
- PoE++ capable for up to 60W
- 10/100 LAN Port
- RS-232, IR out, digital I/O, and relays
- Integrated IR Receiver
- Front button control with LED status

AS-AMP1

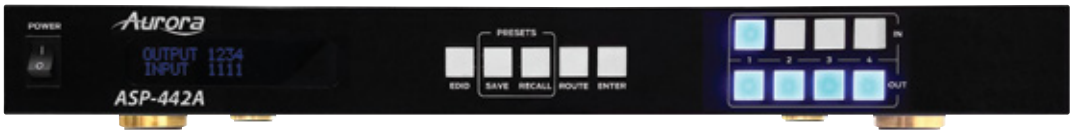
- 2x20 Watt @ 4 Ohm or 1x40 Watt @ 8 Ohm as the default amplifier output
- Microphone mixer function: The microphone will be mixed to the line audio and can be separately controlled
- 2 stereo audio inputs, switchable by button, IR remote or RS-232 remote
- RS-232 Control with smart feedback
- LED indicator for power and working status

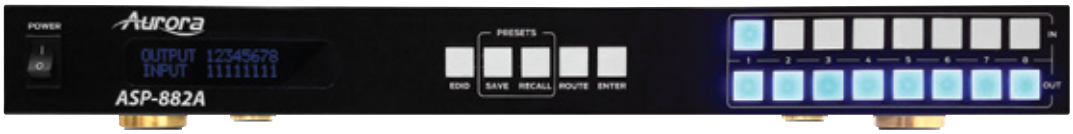
DXE-122A/DXE-142A

The DXE-122A (1x2) and DXE-142A (1x4) HDMI® 4K Splitters with Auto EDID Management provides one of the most advanced HDMI® splitter solutions by which the Ultra High Definition video and high quality audio can be transmitted to multiple locations without losing quality. The DXE-122A and DXE-142A support all 3D formats and true 4K2K video.

The DXE splitters have firmware upgrade capability via the USB Port ensures compatibility now and in the future. With 48bit deep color video and high definition audio support, the DXE-122A and DXE-142A are suitable for high quality HDMI® broadcasting, conference room, digital signage, and education applications.

- Supports HDMI® 2.0a Deep Color and 3D/DVI 1.0 compliant
- HDCP 1.4/2.2 compliant
- Auto EDID Management
- EDID Emulation and Customizable EDID
- Resolution up to 4K2K @ 60Hz
- HDMI® in, 2 HDMI® out (DXE-122A) or HDMI® in, 4 HDMI® out (DXE-142A)
- Wide frequency range: 25MHz~600MHz
- Video bandwidth: 18Gbps
- Supports xvYCC, x.v.Color, and Deep Color
- Mini-USB port for firmware updating and EDID Setup
- Supports Dolby Digital®, DTS-HD™ and Dolby TrueHD® Audio
- HDMI® and Power Connectors on same side for easy installation
- Ultra-low profile to fit behind displays





ASP-442A/ASP-882A

The ASP-442A/ASP-882A is an HDMI® 2.0a 4x4/8x8 4K 60Hz matrix offering the power and flexibility you need at a cost effective price. Route Ultra High Definition video sources and multi-channel digital audio from any of the HDMI® inputs to the any of the HDMI® outputs at the same time. The front keypad and LCD display are designed for easy operation and quick status of routing while the integrated Web Control Pages allow for remote control from any device with a Web Browser (Tablets, Computers, Smartphones, etc.). LAN and RS-232 Ports have advanced protocols allowing hot plug detection, signal detection, EDID table loading/recalling, presets, and more. The advanced protocol features make the ASP-442A/ASP-882A perfect for commercial applications with auto switching, digital signage with device detection, or residential systems with home automation.

- HDMI® 2.0a HDCP 2.2
- Resolutions up to 4K2K @ 60Hz 4:4:4
- HDR High Dynamic Range
- HDMI® 3D Compliant
- HDCP 2.2 Compliant
- Allows any source to be displayed on multiple displays at the same time
- Allows any HDMI® display to view any HDMI® source at any time
- Supports 7.1 channel digital audio
- Advanced EDID Functions
- Easy installation with rack-mounting
- Front LCD Status Display

MCX-VTH
- VGA to HDMI® Converter
- Supports Resolutions up to 1080p

MCX-STH
- 3G SDI to HDMI® Converter
- Supports Resolutions up to 1080p

MCX-HTS
- HDMI® to SDI Converter
- Auto Detect Resolution of HD-SDI, SD-SDI, and 3G-SDI

DXP-62/DXP-62K-1/DXP-62K-3

The DXP-62 is a presentation scaler/switcher designed for multi-signal processing of HDMI®, VGA, Component (YPbPr) and Composite inputs scaling all up to 1900x1200 HD resolution output. It accepts up to four (4) HDMI® inputs and two (2) VGA/YPbPr/Composite inputs and scales all to the on-board HDMI® and HDBaseT™ simultaneous outputs. Leveraging One Room – One Cable™ features, the HDBaseT™ output will pass PoH power to the included HDBaseT™ Receiver as well as RS-232 and IR control for the display. With the addition of four (4) external audio inputs, additional MIC input with independent volume Control, de-embedding line level stereo output and auto sensing/switching video inputs, the DXP-62 is perfect for Classrooms, Conference Rooms, and AV Cart applications.

Order:
DXP-62: Scaler/Switcher only
DXP-62K-1: HDBaseT™ Receiver included
DXP-62K-3: HDBaseT™ Receiver with Dual Relays, 2x35 Watt Amplifier, Audio I/O, and Web Control

Included:
- 4 HDMI® Inputs
- 2 VGA/YPbPr/Composite Inputs
- 4 Analog Audio Stereo Inputs
- Microphone Input
- HDMI® Output
- HDBaseT™ Output 230ft (70m) CAT 5e/6
- Power over HDBaseT™ (PoH)
- IR and RS-232 over HDBaseT™
- Scales input up to 1080p
- Auto Switching Feature
- Front Panel Button Control
- Front Panel LCD Display
- OSD (On Screen Display)
- RS-232 and IR Control (LAN/Web Control when ordered as DXP-62K-3)
- USB for Firmware Updating

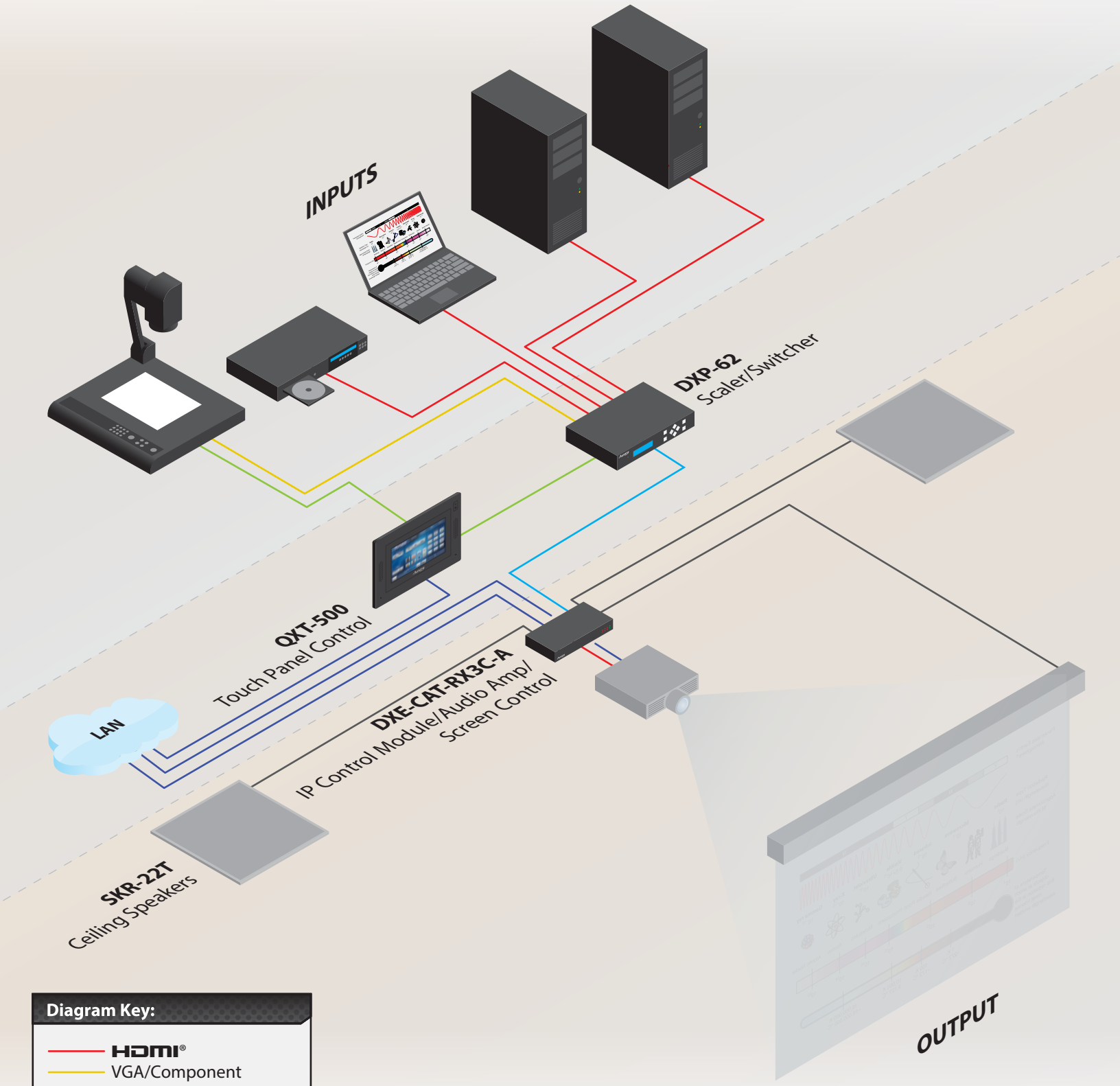


Diagram Key:

- HDMI®
- VGA/Component
- CAT5e/6/6a (HDBaseT™)
- CAT5e/6/6a (Data Network)
- Serial (RS-232 Control)

One Room – One Cable™ AV Kits for Classrooms and Conference Rooms

Two single-package One Room – One Cable™ kits all ship complete with 2 Ceiling Tile Speakers, dual-input HDBaseT™ Wall Plate Switcher, HDBaseT™ Receiver with 2x35 Watt Amplifier and a pre-programmed 8-button in-wall Control Panel. This One Room – One Cable™ kit only requires a single CAT cable between the switcher and the display making installation a snap. The two kits **ORC-1** and **ORC-3** make specifying, ordering, deploying and installing easy, organized and streamlined. Each kit is based around Aurora's award winning DXW-2 Series keypads. The DXB-8 control keypad comes pre-programmed for controlling the DXW-2 and DXE-CAT-RX3 Audio. The only thing the user needs to do is drop in Display On/Off commands. It's that easy!

ORC-1/ORC-1C Kit:

- DXW-2 HDBaseT™ Wall Plate with VGA/HDMI®
- DXE-CAT-RX3-A HDBaseT™ Receiver with Dual Relays for Screen Control and 2x35 Watt Amplifier
- 2 SKR-22T 2'x2' Ceiling Tile Speakers (fits in 600mm tile as well)
- DXB-8 8-Button Control Keypad – pre-programmed for Source and Audio Level Control

ORC-3/ORC-3C Kit:

- Adds Ethernet and USB 2.0 to the wall plate for use with interactive displays and other USB devices (DXW-2EU/H)

C Version:

- Includes integrated customizable Web-based Control System

Available in White or Black

DXW-2 4K Series

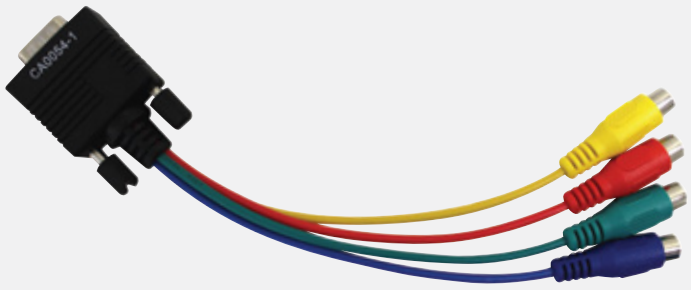
The DXW-2 Series is a 2 Gang multi-input Decora® style wall plate with HDBaseT™ CAT extension. Its ability to convert VGA (YPbPr, S-Video, Video) with audio to HDMI® locally and transmit the signal up to 600ft sets this unit apart from the competition. The sources are auto selectable via auto-sense, front panel buttons or via RS-232 from DXB-8 or 3rd party devices. The DXW-2EU has one (1) LAN and two (2) USB 2.0 Ports for powering USB devices and transmitting 480Mbps up to 220ft (67m) independently to a different location. The DXW-2EU/DXW-2EUH can be remotely powered by the DXE receiver and also has the ability to transmit IR signals via the sensor window on the front of the unit for remote control of IR controllable devices and now with embedded Display Control via RS-232 eliminating the need for costly Display Control Systems. Overall, the DXW-2 saves money and simplifies an installation by combining the functionality of a switcher, converter, extender, and display controller into one neat package.

- HDMI® Input and VGA with Audio Embededing
- VGA can accept YPbPr, S-Video, and Video
- LAN Connector (DXW-2EU)
- HDBaseT™ 600ft (183m) Extension
- 2 USB 2.0 Ports (DXW-2EU/2EUH)
- USB Extends Independently 220ft /150ft (DXW-2EUH)
- IR Receiver (40ft Range)
- Auto Sense, Buttons or external RS-232 for Source Select
- Programmable Buttons for RS-232 Control of Displays
- Buttons Backlight (Red, Green, and Blue)
- Fits in standard 2 Gang Outlet Box with Decora® style wall plate

Accessories:

Cables

- CA0054-1 — 8" VGA to 4 RCA Adapter (YPbPr and Composite Video)



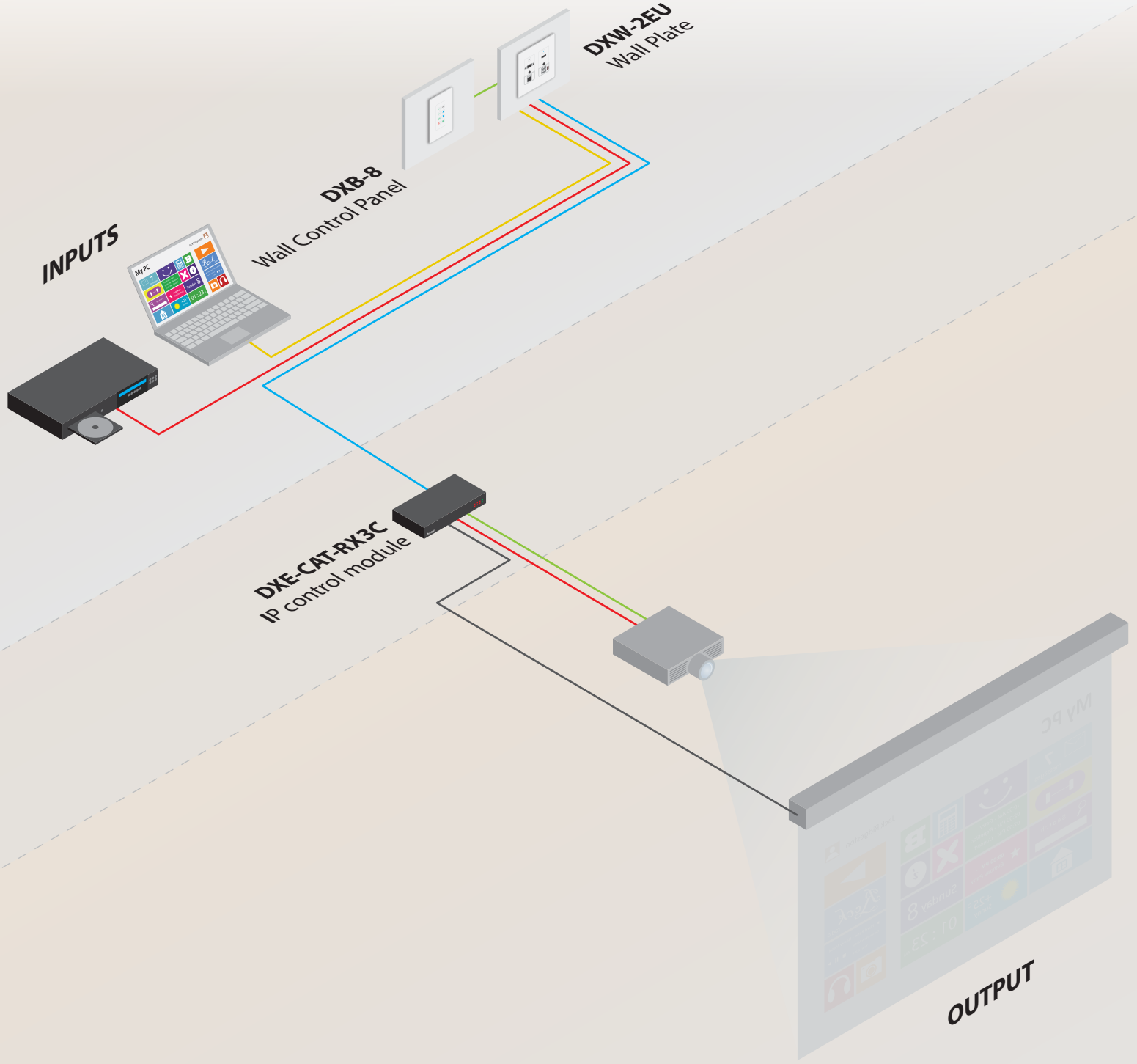


Diagram Key:

- HDMI®
- VGA/Component
- CAT5e/6/6a (HDBaseT™)
- Serial (RS-232 Control)
- Other

DXW-3 4K Series

Aurora is pleased to be the world's first HDBaseT™ wall plate with DisplayPort™, HDMI®, and VGA/YPbPr. The DXW-3 Series available in white or black is a 3 gang multi-input Decora® style wall plate. Its ability to convert VGA (YPbPr, S-Video, Video) with audio to HDMI® locally and transmit the signal up to 600ft sets this unit apart from the competition. The sources are auto selectable via auto-sense, front panel buttons or via RS-232 from DXB-8 or 3rd party devices now with embedded Display Control via RS-232 eliminating the need for costly Display Control Systems. The DXW-3EU/DXW-3EUH has one LAN and two USB 2.0 Ports for powering USB devices and transmitting 480Mbps up to 220ft(67m) independently to a different location. Overall, the DXW-3 saves money and simplifies an installation by combining the functionality of a switcher, converter, extender, and display controller into one neat package.

- HDMI®, DisplayPort™, and VGA Input (all with Audio), Resolutions up to 4K UHD
- Programmable Buttons for RS-232 Control of Displays
- HDBaseT™ 600ft Extension
- IR Receiver (40ft Range)
- Auto Sense, Buttons, and RS-232 for Source Select
- Fits in Standard 3 Gang Outlet Box with Decora® style wall plate
- Low depth for floor and table boxes, Remotely or Locally Powered

DXW-1 4K Series

The DXW-1 is a single gang Decora® style HDMI® wall plate with HDBaseT™ CAT extension. With a single CAT 5e cable, video, audio, RS-232, IR, and power can be transmitted up to 230ft away. DXW-1 wall plates save money and simplify installations by combining all signals into a single CAT cable.

- HDMI® Input (TX Version) with HDBaseT™ 230ft (70m) Extension, Resolutions up to 4K UHD
- IR, RS-232 Pass Through

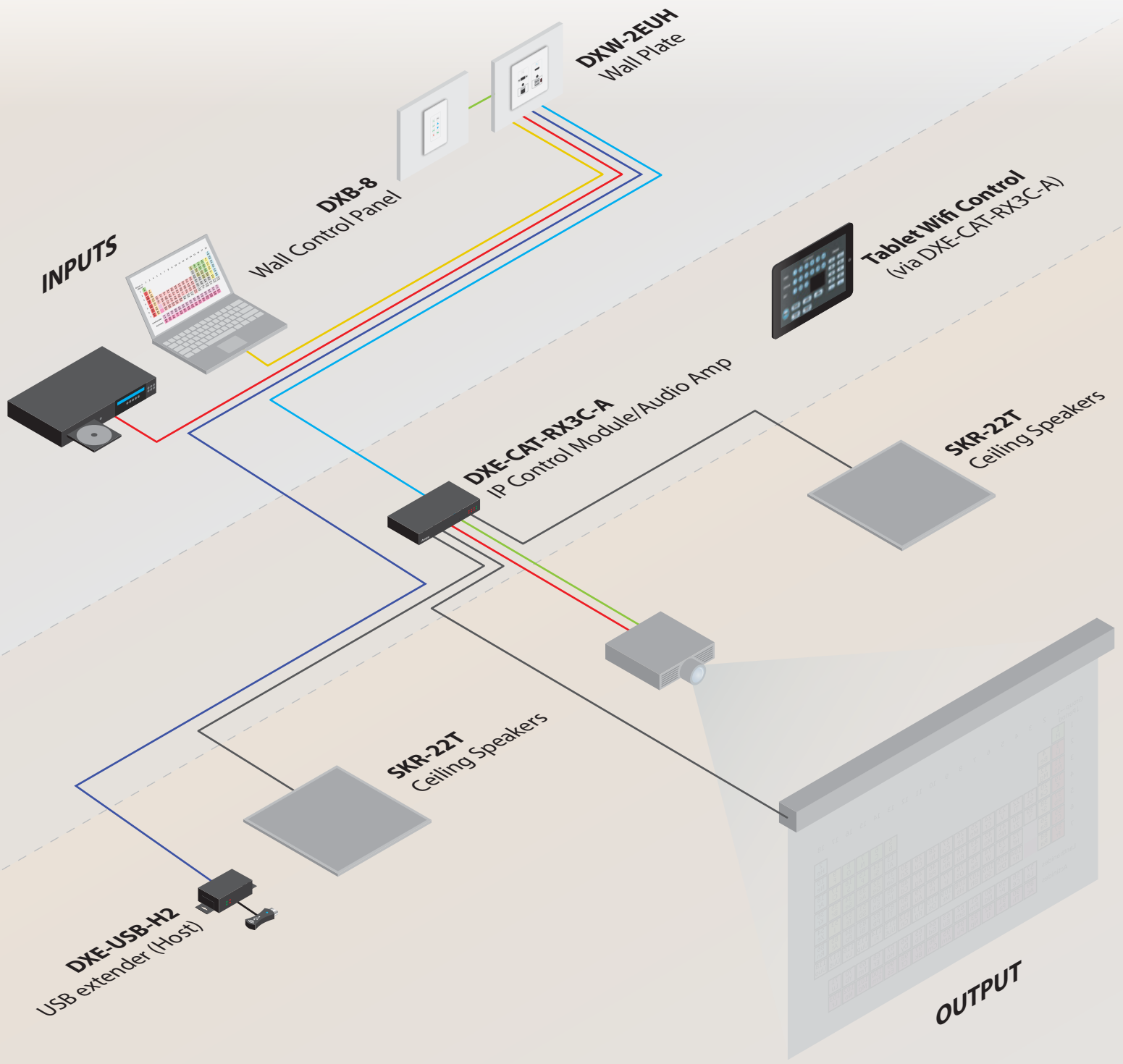


Diagram Key:

- HDMI®
- VGA/Component
- CAT5e/6/6a (HDBaseT™)
- CAT5e/6/6a (Data Network)
- Serial (RS-232 Control)
- Other

DXW-2-RX1 and DXW-2E-RX2

Adding to One Room – One Cable™, Aurora announces two new in-wall HDMI® output versions of their award winning In-Wall HDBaseT™ product line. The DXW-2-RX series comes in a 230ft and 330ft (with Ethernet) versions (DXW-2-RX1 and DXW-2E-RX2).

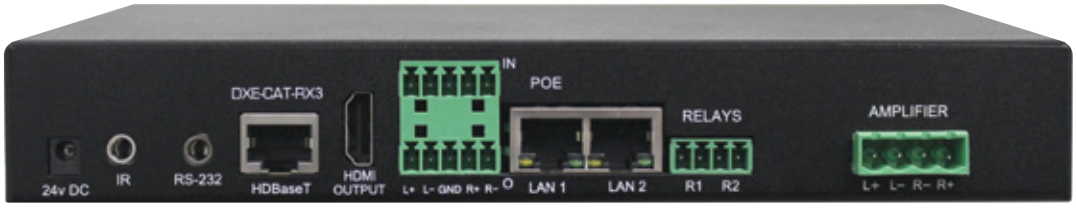
The wall plates allow installers to offer a clean install behind the monitor without exposed wires and bulky boxes to mount behind the display. The unit is powered remotely from Aurora's DXE-CAT-TX units as well as their DXM Matrix switchers along with other compatible PoH devices. There is also convenient front and rear panel power connection if required.

- HDMI® Output
- HDCP Compliant
- 10/100 LAN (DXW-2E-RX2 version only)
- RS-232 up to 115k baud
- IR Bi-directional
- HDBaseT™ 230ft (DXW-2-RX1) and 330/600ft Extension (DXW-2E-RX2)
- Remotely or Locally Powered
- Fits in standard 2 Gang Outlet Box with Decora® style wall plate

DXE-CAT-4K Extenders

The DXE-CAT Extenders powerful design provides usability and features not found anywhere else. Single-sided connections for LAN, HDMI®, Control, and Power provide a cleaner wiring and rack mounting solution. The Patents Pending design allows the system to be powered via POE or AC adapter from either side! With a single CAT 5e/6/7 cable, the DXE-CAT Extenders can go up to 330ft 4K UHD 30Hz 48bit color depth with bi-directional RS-232, IR, and LAN.

- Transmit HDMI® up to 4K UHD 30Hz 48bit 330ft over one CAT 5e/6/7 cable
- HDMI® 3D and Deep Color supported
- HDCP Compliant
- All connectors on one side for easier installation
- Bi-directional RS-232 and IR
- 2 Port Ethernet switch (on Tx and Rx) with Ethernet pass-through (DXE-CAT-S2/ DXE-CAT-S2C only)
- Power both units from TX/RX side with LAN POE or single external power supply (24vDC included)
- LAN POE (Power-Over-Ethernet) can power both TX and RX without wall power supplies (Patents Pending)
- Status LED for all connections on front
- Various mounting options
- Models Include: DXE-CAT-S1 (70m), DXE-CAT-S2 (100m with Ethernet), and DXE-CAT-S2C (S2 with Control)



DXE-CAT-RX3

The DXE-CAT-RX3, DXE-CAT-RX3-A, DXE-CAT-RX3C, and DXE-CAT-RX3C-A are a part of the growing Digital Xtreme Series. This product is different than the typical CAT extender found on the market today as it not only breaks the price barrier but the feature and usability aspects as well. All connectors are on one side to make wiring cleaner and mounting easier. The DXE-CAT-RX3 Series is designed to complement the Digital Xtreme Series of HDBaseT™ transmitters such as the DXW-2 Series HDBaseT™ wall plates, DXE-CAT-TX1, DXE-CAT-TX2, DXM Matrixes, and etc. The built-in in relays are perfect for screen control and the amplifier will fill the room with audio when used with the Aurora SKR-22T 360 degree sound field ceiling tile speaker.

When used all together a single cable, low cost, highly integrated solution for rolling carts, podiums, and credenzas is formed. Being able to go the distance is important too, and HDBaseT™ technology helps achieve that. With a single CAT cable, the DXE-CAT can go up to 330ft 1080p 60Hz 48bit color depth, 500ft 1080p 60Hz 24bit (CAT 6), or 600ft 1080p 60Hz 24bit (CAT 6A Shielded) depending on transmitter model. In addition, the RS-232, IR, and LAN can be sent over the same cable bi-directionally.

- Receive HDMI® up to 600ft (183m)
- All connectors on one side for easier installation
- Bi-directional RS-232, IR, and LAN
- 2 Relays for Screen Control
- 2x35 Watt Amplifier (-A Version)
- Differential Line I/O
- Volume Control
- IP LAN Control and Web Server (C Version)

DXE-USB Extenders

The DXE-USB is a single cable USB extender capable of transmitting bi-directional USB 2.0 over a CAT 6 shielded* cable. Together (DXE-USB-S2) the DXE-USB-H2 (Host PC Side) and DXE-USB-D2 (Device Accessory Side) work together to extend to USB up to 220 feet at a full 480Mbps. To make installations easier the DXE-USB-D2 receives it power over the CAT cable from the DXE-USB-H2 and has dual USB Ports with the built-in hub. Both units can be ordered individually to work with other devices such as the DXW-2EU which also has USB extension capabilities. Even better the DXE-USB-D2 can supply up to 1A of power allowing for use with power hungry devices like "Smart Boards", touch screens, tablet charging, etc. Low cost, low power, simplicity, and compatibility with other Aurora USB extender products makes the DXE-USB the solution of choice.

*Note: Use of non-shielded cable may damage DXE-USB device.

- USB 2.0 Using Single CAT 5e/6 Cable
- Up to 230ft (70m) distance
- Remote power of DXE-USB-D2 (Device Side)
- 2 Port Hub (DXE-USB-D2)
- DXE-USB-H2 (Host Side) designed to work with DXW-2EU
- DXE-USB-S2 (Kit) includes DXE-USB-H2, DXE-USB-D2, and Power Supply

DXE-CAT-RK3
- 3RU Rack Mount Kit (Holds 16 Units)

DXE-CAT-RK3BL
- Blank Plate for Rack Mount

CA0052-F2T3R
- RS-232 Adapter (3.5mm TRS to FEMALE DB9 2-TX 3-RX)

CA0052-F3T2R
- RS-232 Adapter (3.5mm TRS to FEMALE DB9 3-TX 2-RX)

CA0052-M2T3R
- RS-232 Adapter (3.5mm TRS to MALE DB9 2-TX 3-RX)

CA0052-M3T2R
- RS-232 Adapter (3.5mm TRS to MALE DB9 3-TX 2-RX)

CA0061-1
- IR Emitter

CA0062-1
- IR Receiver

PS0062-1
- 24v DC 24 Watt Power Supply (2.5mm)

PS0077-1
- 24v DC 90 Watt Power Supply

PS0080-1
- 24v DC 15.6 Watt Power Supply, available in -US, -AU, -EU, and -UK worldwide models

SKR-22T/SKR-22T-XFR

The SKR-22T and SKR-22T-XFR is the latest speaker innovation from Aurora. This 25 Watt light weight speaker delivers clear sound with fidelity not normally found on typical ceiling speakers. Its ability to reproduce 360 degree sound field allows the use of only one speaker in a room for mono operation. Installation is quick, less costly, and less messy as there is no cutting of ceiling tiles or back boxes to mount. Just drop the tile into a 2'x2' ceiling grid, connect the speaker wire and you are done. For 4'x2' ceiling grids all that is required is to cut the tile in half and add a standard ceiling divider.

With the full range of audio, not only do presenters sound clear and crisp, but the presentation material is produced without missing the lows or the highs, as compared to the typical 5"–6" round ceiling speakers. When used with Aurora amplifiers found in the DXE-CAT-RX3, the amplified audio is clear and noise free with the 96% efficient Class D amplification. Available in 4 Ohm model (SKR-22T) or 70v/100v model (SKR-22T-XFR).

- 25 Watts RMS
- Fits in standard 2'x2' or 60cmx60cm drop ceiling grid
- Frequency Response 50Hz - 15KHz +/-10dB
- 4 Ohm (SKR-22T), 70v/100v (SKR-22T-XFR)
- 360 Degree Coverage
- 2.2" Deep and Weighs only 5.5lbs
- UL94V-0 Rated Materials

DXB-8

The DXB-8 is a customizable low cost 8 button single gang button panel. Designed to work with just about any RS-232 device on the market, the DXB-8 allows any RS-232 string to be assigned to the press and release of each button. Even repeat-on-hold and toggle functions are available. The buttons can individually be lit red, green, or blue so in dimly lit areas it can be seen. Low cost, low power, simplicity, and compatibility with just about any device on the market makes the DXB-8 the simple sweet solution of choice.

- 8 backlit buttons (Red, Green, and Blue)
- Fits in standard 1 gang Decora® style outlet
- 2 RS-232 Ports
- Buttons individually programmable
- 9600 – 115k Baud Rate Selectable
- Designed to work seamlessly with DXW-2
- Interchangeable laser etched buttons, choose from over 50 different buttons
- Low Power
- 5v DC powered
- Low Depth .48" for Floor and Table Boxes

Accessories:

Power Supply
- PS0045-5 5vDC

Programming Software
- DXI Programmer

NEW

DXB-8i

The DXB-8i is a low cost 8 button single gang button panel. Designed to work with just about any Ethernet, RS-232, or IR device on the market, the DXB-8i allows any Ethernet, RS-232, or IR string to be assigned to the press, release, toggle, and hold of each button. The buttons can individually be lit red, green, or blue so in dimly lit areas it can be seen. Available in Decora® white or black, the DXB-8i is designed to match. Low cost, low power, simplicity, and compatibility with just about any device on the market makes the DXB-8i the simple sweet solution of choice.

- 8 Backlit buttons (Red, Green, Blue)
- Fits in standard 1 gang Decora® style outlet
- LAN PoE
- RS-232 and IR ports
- Buttons individually programmable for RS-232, IR, TCP, and Telnet Commands
- Programmable on Press, Release, Toggle, and Hold
- Macro functions and interlocking buttons
- 9600 – 115k Baud Rate Selectable
- Variety of Button Caps Available
- Buttons Can Be Made to Order
- Low Power
- 48v DC Aux Power
- Low Depth .98" for Floor and Table Boxes

DXB-8/8i Button Cap Selection Sheet*

	A	B	C	D	E	F	G	H	J	K
0	0	1	2	3	4	5	6	7	8	9
1	TV	TV1	TV2	HDMI	HDMI1	HDMI2	DVD	VIDEO	SAT	CBL
2	AUX	AUX1	AUX2	PROJ	PROJ1	PROJ2	DOC	PC	PC1	PC2
3	YPbPr	VCR	VTC	VGA	VGA1	VGA2	SCRN UP	SCRN DN	*	#
4	■	▶	⏸	▶▶	▶|	▲	ENTER	MENU	INPUT	EXIT
5	⏻	ON	OFF	🔉	🔊	🔇	🎤			

***Notes:**

- Buttons can be reversed 180 degrees
- Part Number Formula: DXB-C[row][column]-[color]
  Example: White PROJ Button PN# = DXB-C2D-W
- Column "I" has been intentionally omitted

Input Cards

DXCI-4-HDMI-G3
- 4 Input HDMI®

DXCI-4-HDBT1-G3
- 4 Input HDBaseT™ 230' CAT

DXCI-4-HDBT2-G3
- 4 Input HDBaseT™ 330'/600' CAT

DXC-BLANK-G3
- Blank Cover Plate (for rear slots)

Output Cards

DXCO-4-HDMI-G3
- 4 Output HDMI®

DXCO-4-HDBT1-G3
- 4 Output HDBaseT™ 230' CAT

DXCO-4-HDBT2-G3
- 4 Output HDBaseT™ 330'/600' CAT

DXM-G3

The 3rd Generation Digital Xtreme Series is a 4K UHD modular matrix switch, card based chassis/frame, with a full complement of multimedia input and output cards. I/O cards have four (4) channels of Inputs or Outputs and are available with HDMI®, HDBaseT™, and SDI interfaces. The DXM-G3 series accommodates every need, providing crystal clear digital clarity at its best and is designed for 'ease of service' with front-chassis access to the power supply and other system boards. Input and Output cards can be 'hot swapped', allowing full serviceability while powered.

Control of the DXM-G3 and connected devices is available through an integrated 7" touch screen, Web Server, RS-232, and LAN. The system also provides advanced EDID, HDCP, and data handling capabilities. To stand out from the competition, the DXM-G3 series has audio break-away switching, audio de-embedding on all input and output channels, integrated PoH/Ethernet switch for HDBaseT™, and works with any web browser based device. The DXM-G3 is truly the most advanced modular matrix switch on the market today.

- 20Gbps Per Port Backplane
- Advanced EDID Management
- Advanced HDCP Handling
- Remote diagnostics
- 7" Front Panel Touch Control
- Integrated Web Server Control
- Integrated Ethernet Switch for HDBaseT™ Cards
- PoH for HDBaseT™ Ports
- Units configurable 4-channels per card
- Break-away Audio Switching
- HDMI® I/O Cards (Output Cards with Audio De-embedding, and Auto DVI Detect)
- HDBaseT™ CAT I/O Cards (Powers remote Tx/Rx units and passes RS-232, IR, and Ethernet)
- Control Expansion Ports
- LAN and RS-232 Control

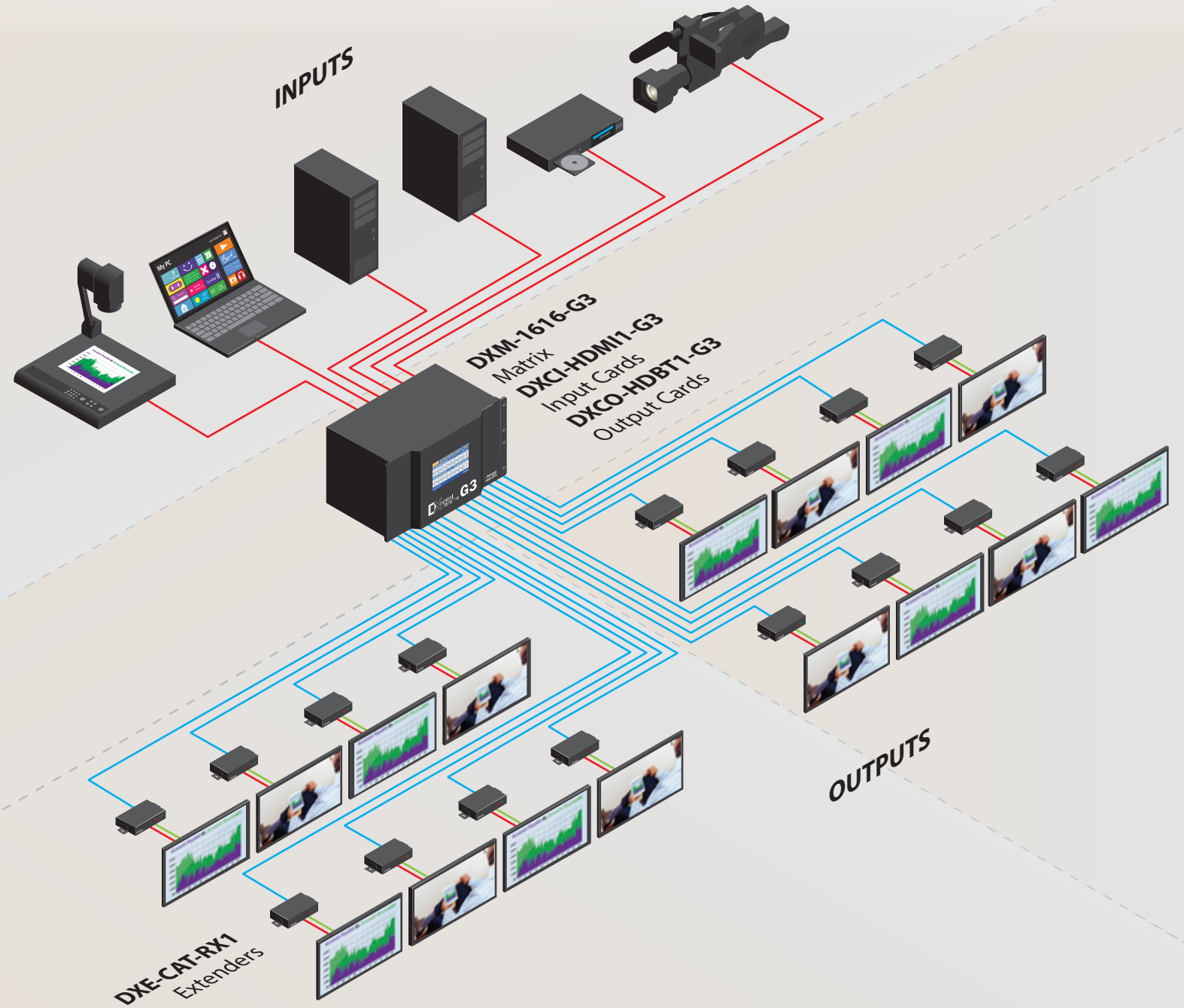


Diagram Key:

- HDMI®
- CAT5e/6/6a (HDBaseT™)
- Serial (RS-232 Control)

PRODUCT CATALOG 2017

One Room - One Cable™ Kit

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