

BUSINESS OBJECTIVES

PEOPLE

SYSTEMS

CAPABILITIES

UNITY

2012 POCKET GUIDE



ALL-IN-ONE PRESENTATION SWITCHERS

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UNITY

BUSINESS OBJECTIVES

Presentations
Audio Conferencing
Video Conferencing

...classroom



NEW

enova DVX

The perfect automated...

...auditorium



...conference room



It's all in here

TECHNOLOGIES

AMX has unified technologies to automate and simplify auditorium, classroom and conference room equipment to ensure meetings and presentations run seamlessly. Enova DVX All-In-One Presentation Switchers combine AV switching, control, audio processing, amplification and category cable distribution in a single 2 or 3U chassis that can be supported and serviced remotely over your current IT infrastructure.

- Media Switching
- Amplification
- Video Scaling
- Control
- Audio Processing
- Media Distribution

NEW



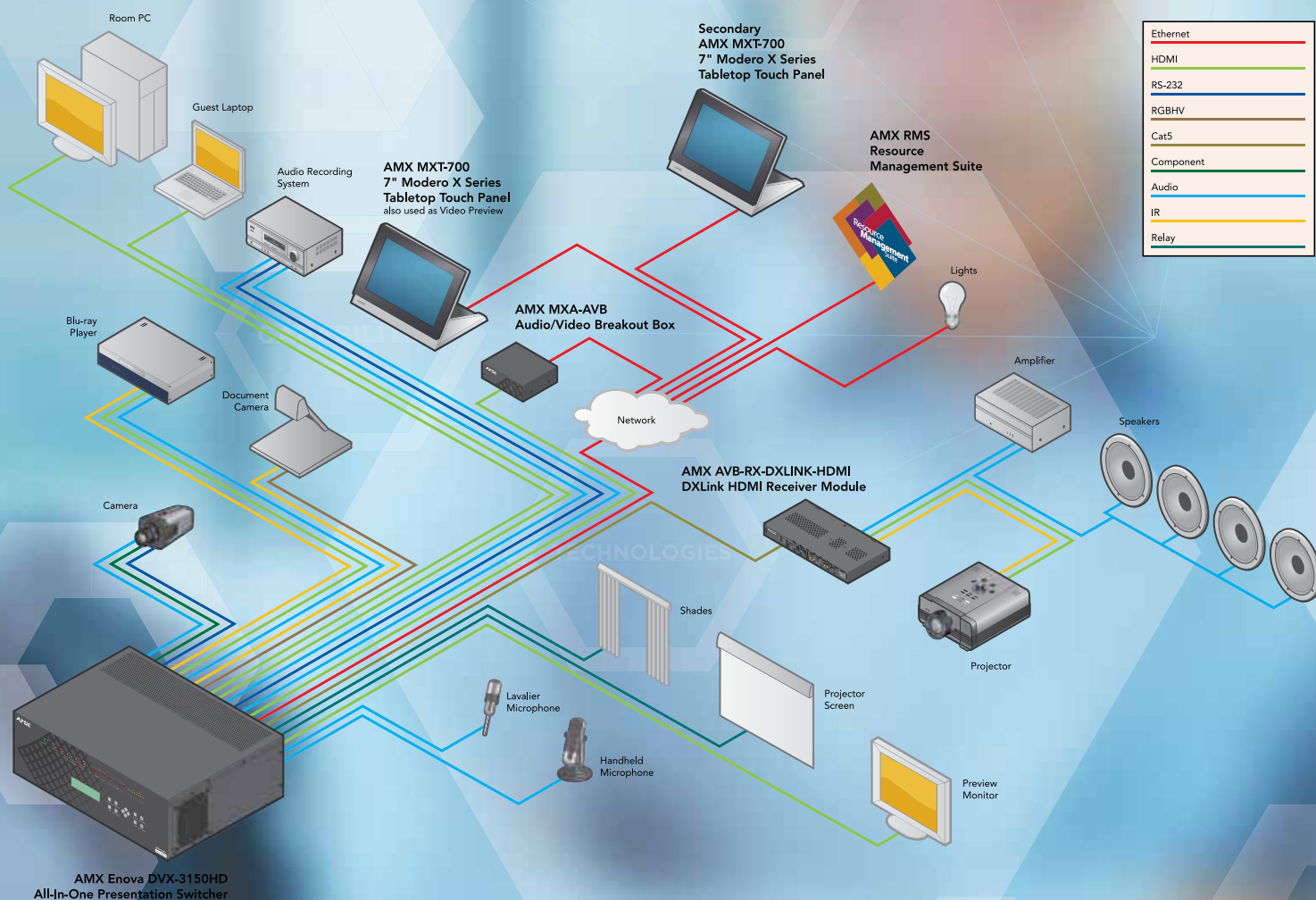
NEW

bringing the PERFECT

Enova DVX All-In-One Presentation Switchers are the centerpiece of the Perfect Meeting. They dramatically simplify AV control and distribution in conference rooms, classrooms and auditoriums and are ideal for any room with a mix of analog and digital sources,

MEETING together

multiple displays, or rooms that require support for video conferencing. Exclusive technologies like SmartScale® and InstaGate Pro™ ensure perfect video scaling on every output and hassle-free HDMI/HDCP installations.



enova DVX

NEW

All-In-One

6x3s

Includes 2 independent, scaled HDMI outputs and 1 independent DXLink output with power

DVX-2150HD-SP

6 Video Inputs (2 Multi-Format DVI (HDMI/HDCP capable), 4 HDMI/HDCP), 2x25w - 8 Ohm amplifier

NEW



DVX-2150HD-SP

NEW



DVX-2150HD-T

NEW



DVX-2155HD-SP

NEW



DVX-2155HD-T

DVX-2155HD-T

6 Video Inputs (2 Multi-Format DVI (HDMI/HDCP capable), 2 HDMI/HDCP, 2 DXLink), 75w - 70V/100V amplifier

10x4s

Includes 4 independent scaled HDMI outputs and 2 DXLink outputs (unpowered) that mirror two of the scaled HDMI outputs

DVX-3150HD-SP

10 Video Inputs (4 Multi-Format DVI (HDMI/HDCP capable), 6 HDMI/HDCP), 2x25w - 8 Ohm amplifier

NEW



DVX-3150HD-SP

NEW



DVX-3150HD-T

DVX-3150HD-T

10 Video Inputs (4 Multi-Format DVI (HDMI/HDCP capable), 6 HDMI/HDCP), 75w - 70V/100V amplifier

NEW



DVX-3155HD-SP

NEW



DVX-3155HD-T

DVX-3155HD-SP

10 Video Inputs (4 Multi-Format DVI (HDMI/HDCP capable), 4 HDMI/HDCP, 2 DXLink), 2x25w - 8 Ohm amplifier

DVX-3155HD-T

10 Video Inputs (4 Multi-Format DVI (HDMI/HDCP capable), 4 HDMI/HDCP, 2 DXLink), 75w - 70V/100V amplifier

Presentation Switchers

Switcher	Model	Amplifier	Multi-Format Inputs	HDMI Inputs	DXLink Inputs	Analog Audio Inputs	Scaled HDMI Outputs	DXLink Outputs	Analog Audio Outputs	Control Ports (Serial/IR/IO/Relay)
6x3	DVX-2150HD-SP	2x25w - 8 Ohm	2	4	0	4	2	1*	3	3/4/4/4
	DVX-2150HD-T	75w - 70V/100V	2	4	0	4	2	1*	3	3/4/4/4
	DVX-2155HD-SP	2x25w - 8 Ohm	2	2	2	4	2	1*	3	3/4/4/4
	DVX-2155HD-T	75w - 70V/100V	2	2	2	4	2	1*	3	3/4/4/4
	DVX-3150HD-SP	2x25w - 8 Ohm	4	6	0	8	4	2**	4	6/8/8/8
	DVX-3150HD-T	75w - 70V/100V	4	6	0	8	4	2**	4	6/8/8/8
	DVX-3155HD-SP	2x25w - 8 Ohm	4	4	2	8	4	2**	4	6/8/8/8
	DVX-3155HD-T	75w - 70V/100V	4	4	2	8	4	2**	4	6/8/8/8
6x2	DVX-2100HD-SP/T***	2x25w - 8 Ohm	4		2	4	2	1	2	3/4/4/4

* DVX-215s DXLink output is an independent, uncalced output with power. Scaling occurs at DXLink Receiver.

** DVX-315s DXLink outputs are unpowered, paired with an HDMI output & contain identical audio & video content & resolution as companion HDMI output.

*** DVX-2100HD-T model includes 75w - 70V/100V amplifier.

enova DVX

NEW

DISSECTING THE DVX 3150/3155HD

INNOVATION - COMBINING AN INCREDIBLE AMOUNT OF FUNCTIONALITY IN A 3RU SPACE

PEOPLE

FRONT PANEL CONTROL

MUTE

AV MENU NAVIGATION

14 AUDIO + 2 MIC INPUTS

DVX-3150HD-SP/T
8 Analog, 6 Audio on HDMI +
2 Microphone

DVX-3155HD-SP/T
8 Analog, 4 Audio on HDMI,
2 Audio on DXLink + 2
Microphone

6 VIDEO OUTPUTS

4 Independent HDMI/HDCP, 2 Mirrored
DXLink Twisted Pair (unpowered)

10 VIDEO INPUTS

DVX-3150HD-SP/T
4 Multi-Format DVI
(HDMI/HDCP capable)
6 HDMI/HDCP

DVX-3155HD-SP/T
4 Multi-Format DVI
(HDMI/HDCP capable)
4 HDMI/HDCP,
2 DXLink Twisted Pair

INTERNAL POWER
Worldwide
Power Supply
100-240V AC

4 INDEPENDENT
AUDIO OUTPUTS

DVX-3150/3155HD-SP
1 Amplified: 2x25W, 8 Ohm;
3 Line-Level + Audio embedded
on any HDMI or S/PDIF

DVX-3150/3155HD-T
1 Amplified: 75W, 70V/100V;
3 Line-Level + Audio embedded
on any HDMI or S/PDIF

AUDIO DSP

10-band Parametric EQ + Microphone Gating, Ducking and Limiting

NETLINX 3101

INTEGRATED CONTROLLER
6 Serial Ports, 8 IR Ports, 8 I/O Ports, 8 Relay
Ports, 1 Ethernet Port, 1 AxLink Port

Model Shown: DVX-3150HD

NEW

DISSECTING THE DVX 2150/2155HD

INNOVATION - COMBINING AN INCREDIBLE AMOUNT OF FUNCTIONALITY IN A 3RU SPACE

PEOPLE

FRONT PANEL CONTROL

MUTE

AV MENU NAVIGATION

8 AUDIO + 2 MIC INPUTS

DVX-2150HD-SP/T

4 Analog, 4 Audio on HDMI +
2 Microphone

DVX-2155HD-SP/T

4 Analog, 2 Audio on HDMI,
2 Audio on DXLink + 2
Microphone

3 VIDEO OUTPUTS

2 Independent HDMI/HDCP,
1 Independent, DXLink Twisted
Pair with power

6 VIDEO INPUTS

DVX-2150HD-SP/T

2 Multi-Format DVI
(HDMI/HDCP capable)
4 HDMI/HDCP

DVX-2155HD-SP/T

2 Multi-Format DVI
(HDMI/HDCP capable)
2 HDMI/HDCP,
2 DXLink Twisted Pair

INTERNAL POWER
Worldwide
Power Supply
100-240V AC

3 INDEPENDENT
AUDIO OUTPUTS

DVX-2150/2155HD-SP

1 Amplified: 2x25W, 8 Ohm;
2 Line-Level + Audio embedded
on any HDMI or S/PDIF

DVX-2150/2155HD-T

1 Amplified: 75W, 70V/100V;
2 Line-Level + Audio embedded
on any HDMI or S/PDIF

AUDIO DSP

10-band Parametric EQ + Microphone Gating, Ducking and Limiting

NETLINX 3101
INTEGRATED CONTROLLER
(with modified port availability)
3 Serial Ports, 4 IR Ports, 4 I/O Ports, 4 Relay
Ports, 1 Ethernet Port, 1 AxLink Port

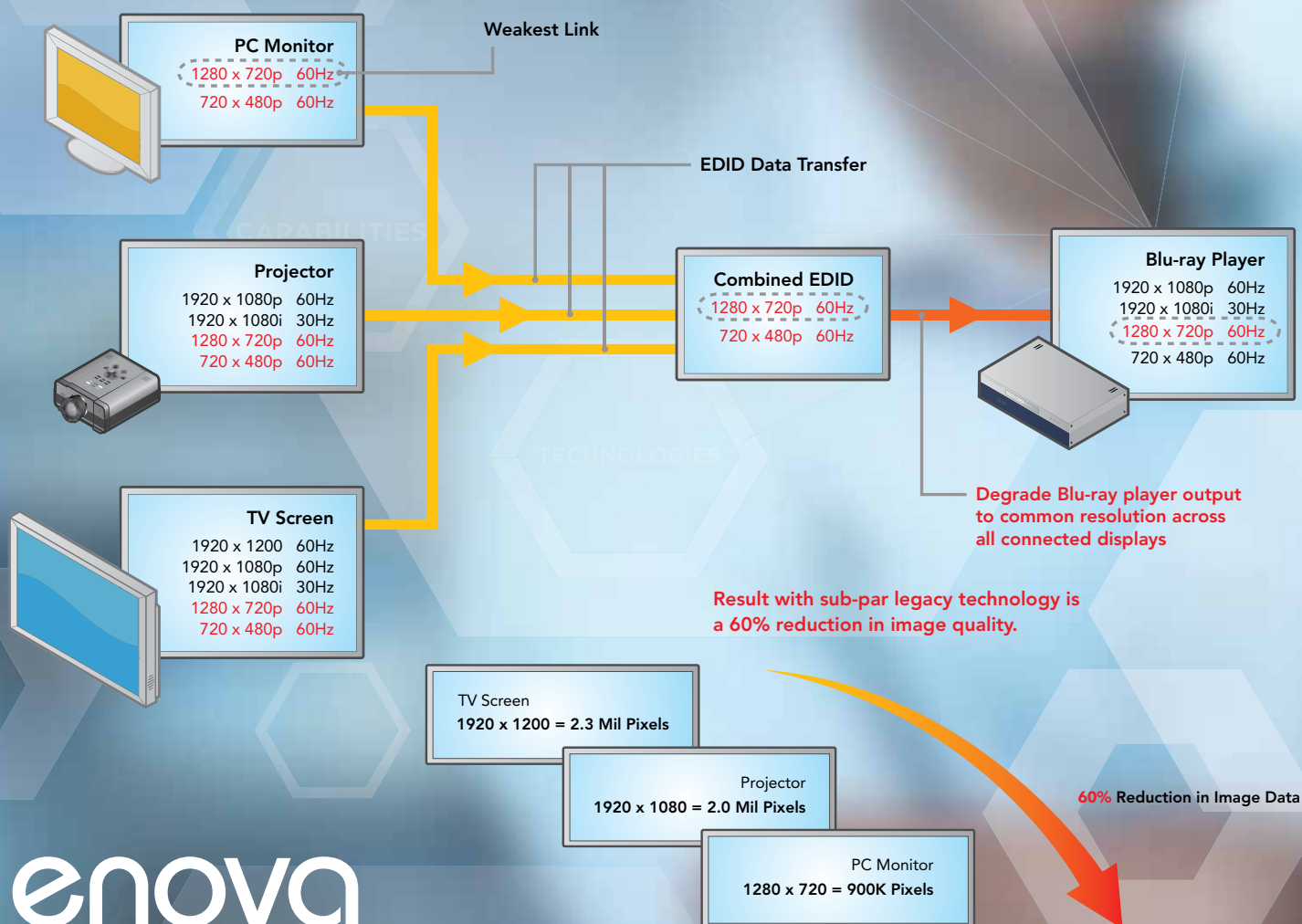
Model Shown: DVX-2155HD

The problem: Getting the right

How many multi-display applications use displays of the exact same make and model across the entire installation? Typically none. Why? Because most installations include a mix of large screens or projectors and smaller sized displays. With each display supporting a unique set of resolutions, incompatibilities arise when the output resolution of the

resolution everytime

source is not supported by some or all displays in the system. If not addressed, this disparate mix of resolutions can dramatically diminish the quality of your video or lead to costly workarounds. The answer is the exclusive AMX SmartScale Technology included on every Enova DVX and Enova DGX video output.



the solution:



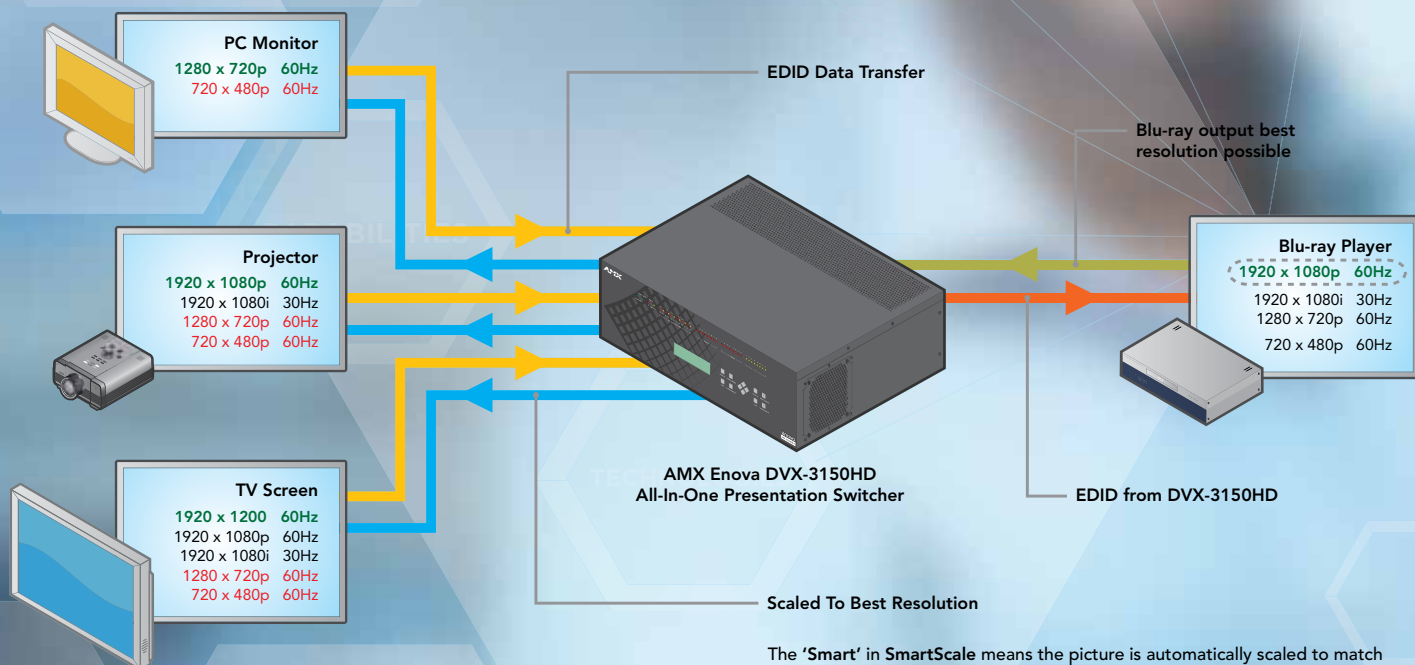
NEW

smartscale®
 GET THE PICTURE

is the answer

SmartScale automatically responds to the display's declared EDID information to deliver a custom-scaled image, based not only on the preferred resolution but also additional information such as horizontal and vertical pixel count, detailed timing, color space chromaticity and more. No other manufacturer provides automatic video resolution

support with this level of detail. SmartScale eliminates the incompatibilities between sources and displays operating at different resolutions by accepting the highest resolution of every source device to ensure that every display operates at its preferred resolution. SmartScale guarantees every picture looks its best, with no manual adjustments.



The 'Smart' in SmartScale means the picture is automatically scaled to match the display's best resolution with no manual setup.

RESULT: Each display shows content at its optimal resolution.

* Enova DGX 16 and 32 Digital Media Switchers also feature SmartScale on every output.

enova

BUSINESS OBJECTIVES

enova DGX

PEOPLE

NEW

HDCP WITH SIMPLICITY OF ANALOG –
**NO TOOLS, NO DELAYS,
 NO KEY CONSTRAINTS**
IT JUST WORKS

Introducing the Enova DGX Series delivering no hassle distribution of HDMI with HDCP compliance along with audio, control, Ethernet and power.

The Enova DGX is far beyond a modular matrix switcher with built-in controller, it functions as the centerpiece of a complete integrated solution that manages and distributes analog and digital audio and video throughout an installation. Easily integrate HDCP into system designs and enjoy hassle free plug-and-play operation with AMX's exclusive InstaGate Pro™ Technology. SmartScale Technology provides video that is perfectly scaled for each connected display. Built for today and tomorrow's needs, a comprehensive set of Enova DGX hot swappable boards can be used in conjunction with DXLink and DGX Transmitters and Receivers to provide an end to end distribution system over twisted pair cable or fiber. An integrated NetLink Controller and embedded Ethernet switch enables management of the entire solution including source equipment and display devices located throughout the environment – all from a single point of control.





SmartScale™ Technology

Automatically outputs video that is perfectly scaled for each connected display, preventing inferior video quality which occurs when sources and displays have different supported resolutions

HDCP Complaint

Distribute, convert, and scale HDMI signals with full HDCP compliance without interruption using any of the Enova DGX DVI, HDMI or DXLink Boards

InstaGate Pro™ Technology

Easily integrate HDCP into system designs and enjoy hassle-free matrix switching to all compliant displays. No tools, no delays, and no key constraints – it just works

NEW



Built in NetLinX Controller

Easily program and manage the entire solution including source equipment and display devices located across multiple rooms – all from a single point of control

Audio Insert / Extract Board

Add an audio source into your HDMI signal or de-embedding audio from an HDMI source.

DXLink Twisted Pair Input and Output Boards

HDCP Compliant boards send audio, video, control, Ethernet and power over one standard twisted pair cable up to 200m – 100m to the matrix switcher and 100m after the matrix switcher

Combining Switching and Control Plus a Whole Lot More

The new Enova DGX is the most reliable end-to-end analog, digital and HDMI/HDCP signal distribution solution on the market today. And now it also includes control, transcoding, scaling – all in a single box that's half the size of the competition.

Dealer Benefits

- **HDCP With Simplicity of Analog** – Hassle free plug and play operation eliminates the need for time consuming cumbersome work around tools to deal with HDCP key constraints and resolution incompatibilities
- **All-In-One Control and Distribution Solution** – Powerful combination of modular matrix switcher, built-in controller, embedded Ethernet switch and video scaling on every output simplifies the end-to-end distribution and management of audio, video and control throughout multiple rooms
- **Fast Easy Installation** – Easily incorporate HDCP into system designs - No tools, no delays, and no key constraints – it just works

Quick Facts Enova DGX 16 & 32 System

Control	Max Inputs	Max Outputs	Video	Audio	Integrated Technologies	Enclosure Size (HWD)
Integrated NetLinX Central Controller	16 (DGX 16) 32 (DGX 32)	16 (DGX 16) 32 (DGX 32)	HDMI, DVI, Display Port, RGBHV, Component, S-Video, Composite	Dolby TrueHD, Dolby Digital, DTS-HD Master Audio, DTS, L-PCM, Analog Stereo	DXLink Twisted Pair Distribution, Embedded Ethernet Switch, HDCP Compliance	6 13/16" x 19" x 15" (4 RU) 10 1/8" x 19" x 20 1/8" (6 RU)

Quick Facts Enova DGX 16 & 32 Boards

Board Options	Connectors	Video	Audio	Integrated Technologies
DVI	4 DVI	DVI, HDMI, Display Port	Embedded Audio from HDMI Sources including Dolby TrueHD, Dolby Digital, DTS-HD Master Audio, DTS, L-PCM	InstaGate Pro, HDCP Compliance
HDMI	4 HDMI	HDMI, DVI, Display Port	Embedded Audio from HDMI Sources including Dolby TrueHD, Dolby Digital, DTS-HD Master Audio, DTS, L-PCM	InstaGate Pro, HDCP Compliance
DXLink	4 DXLink (RJ-45)	HDMI, DVI, Display Port, RGBHV, Component, S-Video, Composite	Dolby TrueHD, Dolby Digital, DTS-HD Master Audio, DTS, L-PCM, Analog Stereo	DXLink Twisted Pair Distribution, Power over DXLink, Embedded Ethernet Switch, Embedded NetLinX Control Transport, InstaGate Pro, HDCP Compliance

*The Enova DGX 16 & 32 Enclosures are compatible with Epica DGX Fiber Boards for routing non HDCP compliant video

Send HDMI signals up to 100 meters

Extend the reach of uncompressed HDMI signals far beyond the capabilities of typical HDMI cabling

Standard Twisted Pair

Save time and effort in installation by leveraging pre-existing cost effective twisted pair cable

Hot Swappable Video Input / Output Boards

Easily add or replace I/O boards at any time after deployment - the system automatically recognizes the new configuration and activates the boards

NEW

USB Support

Pass keyboard and mouse USB signals to control a remote computer

Built-in Control Ports in the Transmitters and Receivers

Control the connected source or display using the built-in IR or RS-232 control ports

SmartScale™ Technology

Automatically outputs video that is perfectly scaled for each connected display, preventing inferior video quality which occurs when sources and displays have different supported resolutions

Only One Cable

Use the Enova DGX DXLink Input and Output boards in conjunction with the DXLink Transmitters and Receivers to send audio, video, control, Ethernet and power over a single twisted pair cable up to 200m – 100m to the matrix switcher and 100m after the matrix switcher. Expand the Enova DGX input and output size by increments of 4 using the DXLink Input and Output boards. The Enova DGX system provides end-to-end distribution of analog, digital and HDMI/HDCP signals plus control signals throughout a residence or commercial facility. Ideal for environments that demand the highest quality video be shared between rooms or even buildings.

Dealer Benefits

- HDCP With Simplicity of Analog – Hassle free plug and play operation eliminates the need for time consuming cumbersome work around tools to deal with HDCP key constraints and resolution incompatibilities
- All-In-One Control and Distribution Solution – Power combination of modular matrix switcher, built-in controller, embedded Ethernet switch and video scaling on every output simplifies the end-to-end distribution and management of audio, video and control throughout multiple rooms
- Fast Easy Installation – When used with the DGX DXLink Input/Output boards, the DXLink Transmitters and Receivers are powered over the single category cable connection eliminating additional wiring hassles and need for additional power outlets.

Quick Facts DXLink HDMI Transmitter

Video Connectors	Audio Connectors	Control Connectors	DXLink Transport Connector	Video	Audio	Integrated Technologies
HDMI	3.5mm Stereo, RCA	2 Phoenix-style, 3.5mm Stereo, USB B, RJ-45 Ethernet	DXLink RJ-45	HDMI, DVI, Display Port	Dolby TrueHD, Dolby Digital, DTS-HD Master Audio, DTS, L-PCM, Analog Stereo	DXLink Twisted Pair Distribution, Power over DXLink, Embedded Ethernet Distribution, Embedded NetLink Control, HDCP Compliance

Quick Facts DXLink HDMI Receiver

DXLink Transport Connector	Video Connectors	Audio Connectors	Control Connectors	Video	Audio	Integrated Technologies
DXLINK RJ-45	HDMI	3.5mm Stereo	2 Phoenix-style, 3.5mm Stereo, USB A, RJ-45 Ethernet	HDMI, DVI	Dolby TrueHD, Dolby Digital, DTS-HD Master Audio, DTS, L-PCM, Analog Stereo	SmartScale™, DXLink Twisted Pair Distribution, Power over DXLink, Embedded Ethernet Distribution, Embedded NetLink Control, HDCP Compliance

Quick Facts DXLink Multi-Format Transmitter

Video Connectors	Audio Connectors	Control Connectors	DXLink Transport Connector	Video	Audio	Integrated Technologies
HDMI, HD-15	3.5mm Stereo (TX Module also has RCA)	2 Phoenix-style, 3.5mm Stereo, USB B (TX Module also has RJ-45 Ethernet)	DXLink RJ-45	HDMI, DVI, Display Port, RGBHV, Component, S-Video, Composite	Dolby TrueHD, Dolby Digital, DTS-HD Master Audio, DTS, L-PCM, Analog Stereo	DXLink Twisted Pair Distribution, Power over DXLink, HDCP Compliance (TX Module also has Embedded Ethernet Distribution, Embedded NetLink Control)

NEW

enova DGX

There are many marketing resources available to AMX integrators to better understand the capabilities and ideal applications for Enova DGX Digital Media Switchers. These include our DGX

Enova DGX Configuration Tool

This web tool allows you to quickly design an Enova DGX system by dragging and dropping module boards onto an enclosure. Once designed, you can save and print the Enova DGX module layout and related parts list. Simply follow the step-by-step process and click on the question marks for help along the way.



Application Guides

Several one-page Application Guides are available that illustrate excellent applications for the DGX.

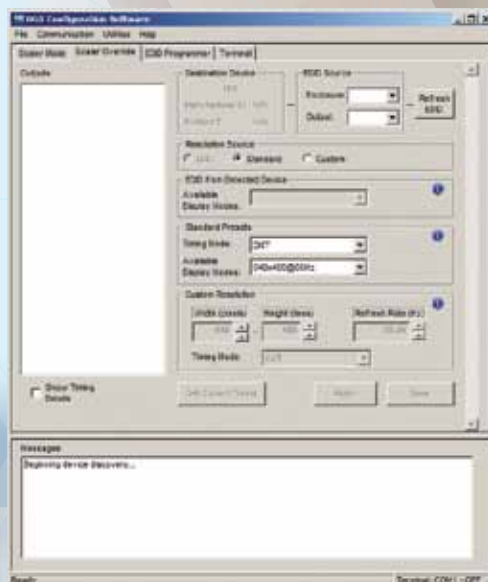
- Centralized Management of AV
- Network Operations Centers
- Divisible Conference Rooms
- Sport Bars

RESOURCES

Configuration Design Tool, DGX Building Software, Application Guides, Feature Guides and Videos. They're all available online, amx.com/enova.

Enova DGX Settings Configuration Software

This PC Application is used with Enova DGX 16 and 32 digital media switchers to manage internal system settings such as EDID programming, terminal emulation and scaler settings. This application file is available as a free download from the Tech Center on amx.com.



YouTube Videos on AMXtalk

YouTube.com/AMXtalk is a great location to see hands on demonstrations of our Enova solutions. Some of our most popular videos include:

- Product Overview
- Technical Summary
- DGX Input/Output Boards

Enova Feature Guides

Our Feature Guides discuss the technological capabilities that make our solutions unique.

- SmartScale
- InstaGate Pro
- Rapid Project Maker (RPM)

PEOPLE

NOLOGIES

**Analog and Digital
in Harmony**

AMX's exclusive DGX Technology provides a common signal transport and matrix switching layer that transcodes between analog and digital signals

Simply Single

Designed for use with single strand multimode fiber; the most common, easily terminated and installed fiber cable solution for analog and digital signals

Go the Distance

Transmit signals up to 6,000 feet (3,000 feet from a DGX Transmitter to the Epica DGX; 3,000 feet from the Epica DGX to a DGX Receiver)



EDID Demystified

HD-15 and DVI input boards are pre-loaded with the most common EDID settings to emulate the display's response when queried, which ensures transmission of the video from the source device

See Clearly

Supports uncompressed video resolutions up to 1920 x 1200 @ 60Hz, including 1080p with a full 4.95 Gbps optical transmission data rate providing lossless pixel for pixel reproduction

Don't Forget DVI

If you are looking for a DVI solution without integrated fiber we offer 9 Pre-Engineered DVI models from 16x16 up to 32x32 at very competitive prices

Fiber Matrix Switching and Distribution Delivers Security, Clarity and Distance

The Epica DGX 16 and 32 are customizable matrix switching systems that are ideal for any facility or campus wide distribution of high resolution analog and digital video in casinos, government agencies, universities, hospitals, retail environments and much more. They bring together the worlds of matrix switching and fiber distribution delivering all the benefits of each.

These systems convert, switch and transport any input to any output regardless of signal style. The result is a system perfectly designed to meet the demands of video clarity, long distance and security without compromise – and without the cumbersome task of multiple layers of signal conversion.

Quick Facts Epica DGX 16

Max Inputs	Max Outputs	Video	Audio	Integrated Technologies	Enclosure Size (HWD)
16	16	DVI, RGBHV, COMPONENT	DIGITAL, STEREO	DGX TECHNOLOGY FIBER TRANSMISSION PASSES ONE-WAY CONTROL	6 13/16" x 19" x 15" (4 RU)

Quick Facts Epica DGX 32

Max Inputs	Max Outputs	Video	Audio	Integrated Technologies	Enclosure Size (HWD)
32	32	DVI, RGBHV, COMPONENT	DIGITAL, STEREO	DGX TECHNOLOGY FIBER TRANSMISSION PASSES ONE-WAY CONTROL	10 1/2" x 19" x 20 1/8" (6 RU)

Dealer Benefits

- A nice option to attract digital signage clients with the ability to send pure high resolution video to 16 or 32 LCD screens – at distances up to 6,000 feet
- A welcome addition for any client looking for an all-in-one professional grade matrix switching / scaling / transcoding / system.

FIBER EPICA

DGX16 & 32

Analog and Digital in Harmony

AMX's exclusive DGX Technology provides a common signal transport and matrix switching layer that transcodes between analog and digital signals

Simply Single

Designed for use with single strand multimode fiber; the most common, easily terminated and installed fiber cable solution for analog and digital signals

Go the Distance

Transmit signals up to 6,000 feet (3,000 feet from a DGX Transmitter to the Epica DGX; 3,000 feet from the Epica DGX to a DGX Receiver)



See Clearly

Supports uncompressed video resolutions up to 1920 x 1200 @ 60Hz, including 1080p with a full 4.95 Gbps optical transmission data rate providing lossless pixel for pixel reproduction

EDID Demystified

HD-15 and DVI input boards are pre-loaded with the most common EDID settings to emulate the display's response when queried, which ensures transmission of the video from the source device

Proven in Mission Critical Installations

Fully redundant power supplies with independent power paths for maximum reliability to ensure zero downtime

Fiber Matrix Switching and Distribution Delivers Security, Clarity and Distance - Now Available with New DVI Output Boards

Start with our compact 16 RU enclosure and select between DGX Fiber Input boards, DGX Fiber Output boards, local DVI Input boards, our new local DVI Output boards, and local HD-15 Input boards. The system converts, switches, and transports any input to any DGX fiber or new DVI output regardless of signal style. The result is a system perfectly designed to meet the demands of video clarity, long distance and security without compromise.

Epica DGX 144 Matrix Switching systems are ideal for facility or campus wide distribution of high resolution video in casinos, government agencies, universities, hospitals, retail environments and other locations with wide-ranging video and audio switching requirements.

Quick Facts Epica DGX 144

Max Inputs	Max Outputs	Video	Audio	Integrated Technologies	Enclosure Size (HWD)
144	144	DVI, RGBHV, COMPONENT	DIGITAL, STEREO	DGX TECHNOLOGY FIBER TRANSMISSION PASSES ONE-WAY CONTROL	28" X 19" X 21 1/8" (16 RU)

Dealer Benefits

- Ideal for clients requiring video resolutions up to 1920x1200 such as digital signage, retail environments, casinos and command and control
- Offers the ability to sell to government agencies and universities needing customizable input / output ranges from 16x16 to 144x144
- Add new business by attracting casino and hospital clients needing to transmit signals 3,000 feet to the Epica DGX 144, and 3,000 feet after the Epica DGX 144 for a possible total signal path of 6,000 feet

FIBER EP

ICADGX144

SmartScale™

DGX DVI and DGX HD-15 Receivers feature SmartScale™ technology which ensures quick or no set-up time by automatically recognizing any display device's supported resolution and signal style parameters.

See Clearly

Support uncompressed video resolutions up to 1920 x 1200 @ 60Hz, including 1080p with a full 4.95 Gbps optical transmission data rate providing lossless pixel for pixel reproduction – even at 3,000 feet



Simply Single

Designed for use with single strand multimode fiber; the most common, easily terminated and installed fiber cable solution

EDID Demystified

DGX DVI and DGX HD-15 Transmitters are pre-loaded with the most common EDID settings to emulate the display's response when queried, which ensures transmission of the video from the source device

Introducing Single Strand, Multimode Fiber that's as Easy as Child's Play

Have a large auditorium? No worries, send pure video to extremely large displays from anywhere in the room with the perfect clarity of fiber transmission. Or, use the DGX Transmitters and Receivers in conjunction with the Epica DGX 32 and Epica DGX 144 for campus wide or facility wide signal distribution. In addition, DGX Technology provides a common signal transport layer that transcodes between analog and digital signals; this allows the DGX DVI and HD-15 TX/RX pairs to be used interchangeably.

The new DGX line is specifically designed for use with a single strand of multimode fiber, and if you are new to fiber it's the most common, easily terminated and installed cable solution. Now you too can send true, pure, uncompressed DVI, RGBHV, audio and control 3,000 feet and beyond in any environment.



Quick Facts DGX DVI Fiber TX / RX

Available Input / Output Ranges	Video	Audio	Integrated Technologies	Enclosure Size (HWD)
N/A	DVI	DIGITAL AND STEREO	SMARTSCALE™ AND DGX TECHNOLOGY	1 5/8" x 5 13/16" x 5 1/8" (1 RU)

Quick Facts DGX HD-15 Fiber TX / RX

Available Input / Output Ranges	Video	Audio	Integrated Technologies	Enclosure Size (HWD)
N/A	RGBHV, COMPONENT	DIGITAL AND STEREO	SMARTSCALE™ AND DGX TECHNOLOGY	1 5/8" x 5 13/16" x 5 1/8" (1 RU)

Dealer Benefits

- Ideal for hospital or campus clients needing to transmit high-resolution, uncompressed DVI or RGBHV 3,000 feet at resolutions up to 1920x1200 @ 60Hz; with embedded analog or digital audio
- Great for attracting clients needing auto detection on the HD-15 input so manual setup is not required to adjust for various video input parameters

DGX FIBER



Full Compliance

HDMI 8 x 8 matrix switcher
delivers crisp, beautiful 1080p,
HDCP compliant content

Up To 100 Meters Away

Your 1080p HD content can
be delivered up to 100 meters
away using a single UTP cable –
crisply, cleanly and in full HDCP
compliance

Interruption Free Content

InstaGate™ technology effectively
'opens the HDCP gate' by pre-
authenticating connected devices
for interruption-free delivery of
your HDMI content

Standard UTP

Transmits HDMI audio, video
& control ALL over standard
UTP cabling – that's the 'Pro'
in UTPro

Bi-Directional Control

HDMI UTPro receivers deliver HD
content and include IR and serial
control ports for local display
input & bidirectional control



HDMI Audio & Video + Control Over UTP Cabling

When you need true matrix switching of up to 8 HDMI sources, distributed to both local and long distance destinations, the new HDMI UTPRO Matrix Switching and Distribution Solution is ideal for getting the job done crisply, cleanly and it's fully HDCP compliant. And unlike typical HDMI switchers, AMX HDCP InstaGate® technology allows for HDMI signal switching without delays due to HDCP re-authentication, and eliminates video stream interruption to existing HDMI signal paths.

Whether your displays are across the classroom in a K-12 school or down the hall in a university lecture hall, your sources can be distributed to up to 8 different displays located locally or remotely.

Quick Facts HDMI UTPro

Available Input / Output Ranges	Video	Audio	Integrated Technologies	Enclosure Size (HWD)
8x8	UP TO 1920x1200 @ 60 Hz	EMBEDDED	AMX HDCP INSTAGATE® TECHNOLOGY	3.5" x 19" x 12" (2 RU)

AMX - The Clear Competitive Leader

Solution Comparisons	AMX	Company Extra	Company Crestra
HDCP CACHING	INSTAGATE™	NO	✓
ENDPOINT CONTROL	IR, SERIAL	✓	✓
NATIVE NETUNIX	YES	NO	NO
# OF BOXES REQUIRED	9	17	9
# OF CARDS REQUIRED	1	0	10
# OF PART NUMBERS	1	3	4
PRICING	MSRP	15% MORE!	76% MORE!

HDMIUTPRO

The Professional Solution for Category Cable

AMX has a full line of CatPro products including the Modula CatPro Matrix Switcher (both customizable and pre-engineered), Optima CatPro Matrix Switcher (available in two mix-and-match boards as well as two complete pre-engineered systems), and the CatPro Transmitter and Receivers to complete the package

Route & Transmit with the Optima CatPro

The Optima CatPro integrates matrix switching and transmission of RGBHV + Stereo over category cable, eliminating the need for external transmission devices. With the ability to maintain resolutions up to 1600x1200 or 1920x1080 @ 60 Hz even at distances of up to 1,000 feet, you don't have to compromise video quality to run long distances



Finish It Off with CatPro Transmitters & Receivers

This compact TX / RX pair can be used as a stand alone solution for a single high-resolution video run up to 1,000 feet or in conjunction with the Optima and Modula CatPro Matrix Switchers

No Cumbersome Cable Measurements

Intuitive user accessible gain, peak and skew adjustments on the CatPro Receiver's allow for very quick and easy adjustment of red, green, blue and even audio volume for little or no setup time! And, with active digital skew adjust up to 62ns, in 2ns increments we have the very precise adjustments for perfect video clarity

Perfect Video Resolution Up to 1,000 Feet Away

The professional solution for category cable distribution, AMX's CatPro line is perfect in any installation that requires long runs of computer video; such as command-and-control, digital signage and universities. All our CatPro products adhere to our strict professional standards for video distribution ensuring resolutions up to 1600 x 1200 and 1920 x 1080 up to 1,000 feet at every destination point. In addition, intuitive gain, peak and skew adjustments associated with every input board on the Modula CatPro and each CatPro Receiver means it's never been easier to dial in perfect video.

Dealer Benefits

- RGBHV + Video over Category Cable – provides distribution distances up to 1,000 feet while maintaining video clarity
- Intuitive gain, peak and skew adjustments – ensure the video can be adjusted in seconds without measuring cable runs

Quick Facts CatPro TX / RX

Available Input / Output Ranges	Video	Audio	Integrated Technologies	Enclosure Size (HWD)
N/A	RGBHV	STEREO	CATPRO TECHNOLOGY	(TX) 1 11/16" x 5 13/16" x 5 1/8" (RX) 1 11/16" x 4 5/16" x 5 1/8"

Quick Facts Optima CatPro

Available Input / Output Ranges	Video	Audio	Integrated Technologies	Enclosure Size (HWD)
BOARD SIZES: 4x8 AND 8x8	RGBHV	STEREO	CATPRO TECHNOLOGY	3.5" x 19" x 12" (2 RU)

Quick Facts Modula CatPro

Available Input / Output Ranges	Video	Audio	Integrated Technologies	Enclosure Size (HWD)
FROM 4x4 UP TO 32x32	RGBHV	STEREO	CATPRO TECHNOLOGY	7.0" x 19" x 17.0" (4 RU)

CATPRO

Compact and Robust

The Precis LT Fixed Matrix Switchers lead the industry in high performance providing the specification standards of our larger lines in 1 and 2 RU enclosures all at unbelievably competitive prices

Early to Rise

PureSync™ Technology in our RGBHV models guarantees the quickest possible rise time of the sync signal's leading edge, eliminating the possibility of video loss at the display

1080p? Of Course!

The professional solution for HD signal distribution, the Precis LT component + stereo matrix switchers support the highest resolutions on the market including 1920 x 1080p



500 MHz at AMX's +/- 3d Ultra-Flat Bandpass

Our Ultra-Flat Bandpass promise ensures the purity of the video is maintained at every destination

BNC Connectivity

Looking for traditional BNC connections? The Precis SD is the prize player in any high-resolution video application

Fixed and Fast

All Precis LT and Precis SD Fixed Matrix Switchers and are available to ship quickly (often the same day, and never more than five days from receipt of order) with AMX's QuickShip promise

Superior Video and Audio Distribution in a Single Solution

A staple in any integrators tool box; Precis LT Fixed Matrix Switchers are ideal for any small professional routing requirement including boardrooms, small presentation areas, kiosks and more. Models include RGBHV + Stereo, Component + Stereo (with BNC or RCA), S-Video + Stereo and Composite + Stereo. All signal styles are available in 4x4, 4x8, 8x4 and 8x8.

For integrators looking for traditional BNC connectivity the Precis SD is already a proven cornerstone in thousands of boardrooms and portable command-and-control centers worldwide.

Quick Facts Precis LT

Available Input / Output Ranges	Video	Audio	Integrated Technologies	Enclosure Size (HWD)
4x4, 4x8, 8x4, 8x8	RGBHV, COMPONENT, S-VIDEO, COMPOSITE	STEREO	PURESYNC™ TECHNOLOGY, QUICKSHIP	1.7" x 19" x 10.4" (1 RU) 3.5" x 19" x 10.4" (2 RU)

Quick Facts Precis SD

Available Input / Output Ranges	Video	Audio	Integrated Technologies	Enclosure Size (HWD)
8x4, 8x8, 12x4, 12x8	RGBHV, COMPONENT	STEREO	PURESYNC™ TECHNOLOGY, AUDIO GAIN AND VOLUME CONTROL	5.2" x 19" x 10.4" (3 RU)

PRECISLT/SD

Rack Mounted

Rack mounting ears are included for a clean, seamless equipment rack installation



Digitally Precise

Digital volume control on each output, digital input gain control and digital balance and tone controls offer a more precise level of control

Room by Room

Integrated 10-band equalizer on each output provides for exact customization to support the attributes of each room or zone

Pick Your Interface

Your Precis DSP can be integrated with any NetLinX Integrated Controller for simplified user interface control via wired/wireless Modero Touch Panels, Metreau Audio Keypads or handheld Mio Remote Controls



Simplified Serial Control

Supports AutoPatch's simple BCS serial control protocol

Enhancing the Beauty of Sound in the Home

Welcome to Precis DSP, the AMX distributed audio solution specifically designed for the discerning audio connoisseur. Precis DSP features an integrated matrix switcher and digital signal processor to support users with a considerable number of audio sources, specific equipment brand preferences and those that want the flexibility to fine tune their audio environments with 10-band EQ on each individual output.

Experience sound customized for the unique architectural attributes of every room in the home. Available in two fixed configurations, 8x8 or 18x18, the Precis DSP delivers audio to multiple rooms/zones from various sources including iPods, CD, DVD, satellite radio and music servers. A wide selection of keypads, remote controls, and touch panels can be integrated into each room/zone to provide centralized control.

Quick Facts Precis DSP

Available Input / Output Ranges	Video	Audio	Integrated Technologies	Enclosure Size (HWD)
8x8, 18x18	N/A	STEREO	DIGITAL VOLUME CONTROL AND INPUT GAIN, BALANCE AND TONE, 10 BAND EQ	1.7" x 19" x 9.75" (1 RU) 3.5" x 19" x 9.75" (3RU)

Dealer Benefits

- Offers another option for customers with sophisticated and complex home audio needs
- Easily expandable system for driving recurring dealer revenue - once customers experience the possibilities in just a few zones, they may want to add more and additional interface options
- Great way to introduce customers with distributed audio-only budgets the ease of use of a control system and the possibilities of expanding to full whole home control and audiovisual signal distribution

PRECIS DSP

MATRIX SWITCHER COMPARISON CHART

NEW

	SYSTEM ARCHITECTURE						VIDEO SIGNALS				AUDIO		CON- TROL	FEATURES											
DVX-2100HD	6x2			X		X	X	X	X	X	X	X	X	X	X	X	X								
DVX-2150/2155HD, DVX-3150/3155HD	6x3, 10x4			X		X	X	X	X	X	X	X	X	X	X	X	X								
ENOVA DGX 16/32	4x4 to 32x32				X	X	X	X	X	X	X	X	X	X	X	X	X								
AVX-400	4x1			X		X	X		X		X	X	X				X								
TPI-PRO	2x2 to 4x2			X		X	X						X		X	X									
EPICA DGX 16/32	4x4 to 16x16				X		X		X	X	X	X	X		X	X	X								
EPICA DGX 144	16x16 to 144x144				X		X		X	X	X	X					X								
DGX FIBER TX/RX	n/a						X	X		X	X	X	X	X	X	X									
HDMI UTPRO	8x8				X			X	X	X		X	X	X	X	X									
ENDELEO UDM	2x1		X				X			X		X	X	X											
OPTIMA/MODULA CAT PRO	4x4 to 32x32				X		X			X		X	X	X											
EPICA	16x16 to 256x256				X		X					X	X				X								
OCTAIRE	32x48 up to 64x64				X		X					X	X				X								
MODULA (32X32)	4x4 to 32x32				X		X		X	X	X	X	X	X			+								
MODULA (60X4, 4X60)	4x60 to 16x48 or 48x16 to 60x4				X		X		X			X	X				+								
MODULA SERIES4	4x4 to 32x32				X		X					X	X				+								
OPTIMA*	4x2, 4x4, 4x8, 8x4, 8x8, 15x15, 16x16, 16x24, 20x4, 20x20, 24x4, 24x16, 36x4				X		X	X	X	X		X	X	X											
OPTIMA SD	8x16, 12x12, 16x8, 16x16				X		X					X													
SOLECIS SWITCHERS	2x1, 4x1, 6x1		X				X					X		X											
SOLECIS PRESENTATION SWITCHERS	2x1 to 10x1			X			X					X		X											
SOLECIS DA'S	n/a		X				X					X													
AUTOPATCH DAD'S	n/a		X				X																		
PRECIS LT	4x4, 4x8, 8x4, 8x8					X	X					X	X												
PRECIS SD	8x4, 8x8, 12x4, 12x8					X	X					X													
PRECIS DSP	8x8, 18x18				X	X						X					X								
TANGO	8x4, 8x8				X							X		X											
+ Optional * Signal type availability varies by I/O range - see Optima Custom Configuration Guide for details	I/O RANGE	DISTRIBUTION AMPLIFIER	SWITCHER	PRESENTATION SWITCHER	DISTRIBUTED AUDIO	MATRIX SWITCHER	HYBRID SWITCHING AND CONTROL		Analog Video	HDMI / HDCP	Digital Video	Integrated Twisted Pair Distribution Options		Integrated Fiber Distribution Options		Embedded Audio	Analog Audio	Digital Audio	Embedded Control	Integrated NetLinx Controller		Video Scaling	Video Signal Conversion	Redundant Power Supply	Audio Processing

+ Optional
* Signal type availability varies by I/O range -
see Optima Custom Configuration Guide
for details



NETLINX NI-SERIES CONTROLLERS

NI-700 Simple Solutions

Ideal for a smaller set of devices. Includes seven control ports plus Ethernet and AxLink connectivity - all in a 1/3 rack-style enclosure.



NI-700

NI-900 Smaller Single Room Solutions

Includes eight control ports including up to three third-party IR devices and one serial device, plus Ethernet and AxLink connectivity - all in a 1/3 rack-style enclosure.



NI-900

NI-2100 Medium-Size Room Solutions

Includes as many as 15 distinct control ports, Ethernet, AxLink and optional ICSNet connectivity.



NI-2100

ENOVA DVX-2100HD NetLinx Control and All-In-One Presentation Switching Combined

In addition to video matrix switching, audio amplification, audio mixing and more, this Enova All-In-One Presentation Switcher includes a fully functional, NI-2100 Controller onboard incorporating as many as 15 distinct control ports plus Ethernet and AxLink connectivity.



DVX-2100HD

NI-3100 & NI-3100/256 Larger, Multiple Room Solutions

Includes as many as 31 distinct control ports, Ethernet, AxLink and optional ICSNet connectivity. The NI-3100/256 also includes an upgraded 256 MB of onboard memory RAM.



NI-3100

ENOVA DVX-2150/2155/3150/3155HD

NetLinx Control and All-In-One Presentation Switching

In addition to video matrix switching, audio amplification, audio mixing and more, these Enova All-In-One Presentation Switchers include a fully functional, NI-3100 Controller onboard, incorporating up to 31 distinct control ports (up to 15 in DVX-2150/2155HD models) plus Ethernet and AxLink connectivity.



DVX-3150HD

NI-3101-SIG Sleek, Stylish and Powerful

The ultra-slim 1U form factor with the stylish, shiny black faceplate and blue led bar set this controller apart.

The 3101 also features extended depth for easier rack connections plus a USB programming port.



NI-3101-SIG

NI-4100 & NI-4100/256

Superior Functionality Solutions

Integrates up to 31 distinct control ports with the flexibility of four additional expansion card slots, plus Ethernet, AxLink and ICSNet connectivity - all in a 3U rack-style enclosure. The NI-4100/256 also includes an upgraded 256 MB of onboard memory RAM.



NI-4100

NEW

FEATURE	NI-700	NI-900	NI-2100	DVX-2100HD	NI-3100//		DVX-2150/2155/3150/3155HD	NI-3101-SIG		NI-4100//NI-4100/256
Integrated NetLinx Master	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Integrated A/V Switcher/Scaler	No	No	No	Yes	No	No	Yes	No	No	No
AxLink Interface	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
ICSNet Interface	No	No	Optional	No	Optional	Optional	No	No	No	Yes
10/100 Ethernet	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Digital Input/Output Ports	4	4	4	4	8	8	4* / 8**	8	8	8
RS-232/RS-422/RS-485 Ports	2	1	3	3	7	7	3* / 6**	6	6	7
IR/Serial Output Ports	1	3	4	4	8	8	4* / 8**	8	8	8
Relay Ports	-	-	4	4	8	8	4* / 8**	8	8	8
Expansion Card Slots	No	No	No	No	No	No	No	No	No	Yes
IR Receiver Port	Yes	Yes	No	No	No	No	No	No	No	No
Programming via Serial Port/Ethernet	Yes/Yes	Yes/Yes	Yes/Yes	USB/Yes	Yes/Yes	Yes/Yes	Yes/Yes	USB/Yes	Yes/Yes	Yes/Yes
Built-in Web Server	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Processor Speed	304 MIPS	304 MIPS	404 MIPS	404 MIPS	404 MIPS	404 MIPS	404 MIPS	404 MIPS	404 MIPS	404 MIPS
On-Board Memory RAM	64 MB	64 MB	64 MB	64 MB	64 MB/256 MB	64 MB/256 MB	256 MB	64 MB	64 MB/256 MB	64 MB/256 MB
Non-Volatile Memory	512 KB	512 KB	1 MB	1 MB	1 MB	1 MB	1 MB	1 MB	1 MB	1 MB
FLASH Memory	32 MB	32 MB	2 GB C-F Card	256 MB	2 GB C-F Card	256 MB	256 MB	256 MB	256 MB	2 GB C-F Card
Rack Space	1 RU x 1/3	1 RU x 1/3	2 RU	2 RU	2 RU	2 RU	3 RU	1 RU	1 RU	3 RU

* DVX-2150/2155HD models ** DVX-3150/3155HD models

ICSLAN DEVICE CONTROL BOXES

Single Cable

Onboard Power over Ethernet (PoE) eliminates the need for a power source at the install location.

Programming Made Simple

Programming is identical to any other device ports on the controller.

Future Proof

Provides a future proof solution to add ports anywhere.

Easily Deployed

Configuration tools make ICSLan Device Control Boxes easy to deploy.

Sleek and Svelte

Compact design makes it easy to hide for a clean installation.



Add Control Ports Anywhere All Over Ethernet

Ethernet is the industry standard for connecting devices and ICSLan Device Control Boxes make it easy to introduce control to projectors and other equipment that lack Ethernet connectivity. Oftentimes, these devices are located remote distances from the Controller or it may be necessary to expand the number of ports on a fully populated controller. ICSLan Device Control Boxes are ideal for a wide range of residential applications with devices that lack Ethernet connectivity.

Dealer Benefits

- **New Markets** – Offers a great opportunity to sell to markets that seemed previously unapproachable because of the cost of having a Controller in every room
- **Larger Facilities** – The ability to market to homeowners with larger residences with many rooms requiring control may now be available
- **Cost Effective** – Offers an extremely cost effective solution for users needing to expand their control capabilities

QUICK FACTS ICSLAN DEVICE CONTROL BOX

CONNECTIVITY OPTIONS	
ICSLan Device Control Boxes are available in five models to meet the connectivity needs of just about any application. Just install the model that contains the appropriate connection type for your device, and you'll have complete control of it over your Ethernet network.	
ICSLAN PRODUCT DETAILS	
EXB-COM2	Serial Interface, 2 Ports
EXB-I/O8	Input/Output Interface, 8 Channels
EXB-IRS4	IR/S Interface, 4 IR/S and 4 Inputs
EXB-REL8	Relay Interface, 8 Channels
EXB-MP1	Multi-Port, 1 COM, 1 IR/S, 2 I/O, 1 IR RX

AMX Communications Gateway

Offers a variety of Innovative Intercom & Telephony Opportunities



Adding a Communications Gateway to an AMX installation opens up a variety of innovative telephony applications that significantly increase the value of the touch panel and the entire installation. The Communications Gateway creates a gateway between a customer's AV and IT networks and their phone systems and allows intercom-enabled touch panels to act as intercoms or phones and enables any phone to control an AV system.

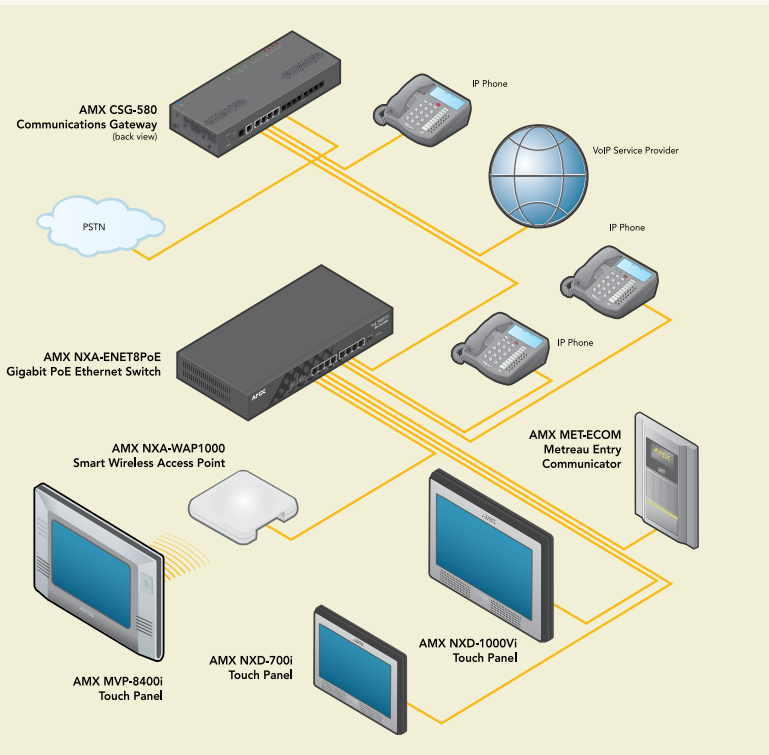
Gateway



Better Than Phones

Adding telephony capabilities to touch panels makes them better than phones for some functions:

- Answer the door from a touch panel or even a cell phone
- Call the helpdesk with the touch of a button
- Open a gate, start a recording on the DVR or turn off the lights from any phone
- Convert voicemail to email and get messages on your cell phone or PC.



- **AMX System Control** - DTMF Support provides control of the AMX system from any phone via an easy to use voice menu (IVR)
- **Phonebook Application with New Touch Screens** - Easily create a phonebook that can be accessed from any touch panel
- **Make Phone Calls from Touch Panels** – The MVP-9000i, NXD-500i, NXD-700i and are all capable of initiating and receiving calls
- **Worldwide Control** - Allows control of AV functions from any phone anywhere in the world including the ability to adjust the air conditioning or activate the security system
- **Up to 50 Users (25 simultaneous calls)** - Supports a large number of phones – plenty for a department or campus
- **Advanced Forwarding Capability** - Forwards outside calls and door/gate communications to any phone anywhere in the world

GIGABIT ETHERNET SWITCH

Gigabit Switching

Delivers the throughput needed to reduce file transfer times and support a broad range of advanced network applications.

Fanless Design

Less moving parts reduces potential failures and runs quieter.

Multiple 10/100/1000 Base-T Ports

Supports three different transfer rates on the same port and auto-selects the best speed and duplex supported by both connected devices.

Power over Ethernet

Delivers up to 15.4W for 4 ports or 7.5W simultaneously for 8 ports over twisted pair cable up to 100 meters.



Gigabit Switching + PoE = Smart Networking

Designed for homeowners requiring a managed network to efficiently handle voice, video, and data applications, the NXA-ENET8-2PoE Gigabit Ethernet Switch features 8 x 1000 Base-T ports, 2 x 100/1000 Base-X SFP ports and Power over Ethernet capability. With continuous availability, network security, and an easy management interface it is ideal for customers looking to migrate from unmanaged to managed networks.

DEALER BENEFITS

- Attract more green conscious clients with features like up to 59% energy consumption savings, which can help users reduce operating costs
- Support* for standard 802.3af Power over Ethernet offers the ability to run data and power over a single twisted pair cable and ultimately lower the client's installation costs making them a more satisfied customer
- User-friendly web-based interface makes it easy to configure port settings, Quality of Service (QoS), link aggregation and VLANs

*Not for use with MVP-9000i wall or tabletop docks

QUICK FACTS: NXA-ENET8-2PoE GIGABIT PoE ETHERNET SWITCH

Dimensions (HWD)	Security	LED Indicators
1.7" X 13" X 8"	<ul style="list-style-type: none">• SUPPORTS IEEE 802.1X PORT-BASED ACCESS CONTROL• PASSWORD PROTECTION ON WEB INTERFACE	<ul style="list-style-type: none">• PORT, LINK/ACTIVITY, 1000MBPS• POE: AMBER: PD CONNECTED• AMBER BLINKING: DATA TRANSMISSION

*See AMX.com for metric dimensions

A CLOSER LOOK

GO THE DISTANCE
The NXA-ENET8-2PoE can send data over fiber for distances of up to 70 kilometers depending on cable type using the shared Gigabit Ethernet RJ-45/SFP combo ports.



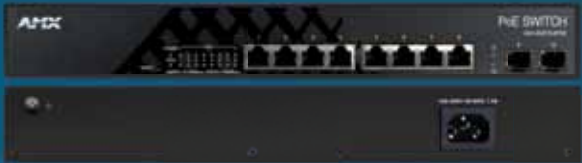
GIGABIT PoE ETHERNET SWITCH

OPTIONS

LOCATION:
RACK MOUNT, TABLE

COLORS:
BLACK

PORTS:
8 - 10/100/1000 BASE-T (RJ-45) PORTS, 2 - GIGABIT COMBINATION (RJ-45/SFP) PORTS



NXA-ENET8-2PoE

AVX-400

TALK ABOUT ENOVATION

- Control
- Multi-Format Cat5 Inputs
- Switching
- Twisted Pair Distribution
- Audio Amplification
- Audio Mixing
- Integrated Power & More



When the job calls for a moderate presentation environment, the enova AVX-400 delivers the perfect mix with varying degrees of control.

Offers Presentation Essentials – Including control, multi-format inputs, audio/video switching, audio mixing and amplification – all over Cat5

Pre-Packaged to Vault You into Success – Choose from two total environment solutions perfect for small to medium classrooms or meeting room environments

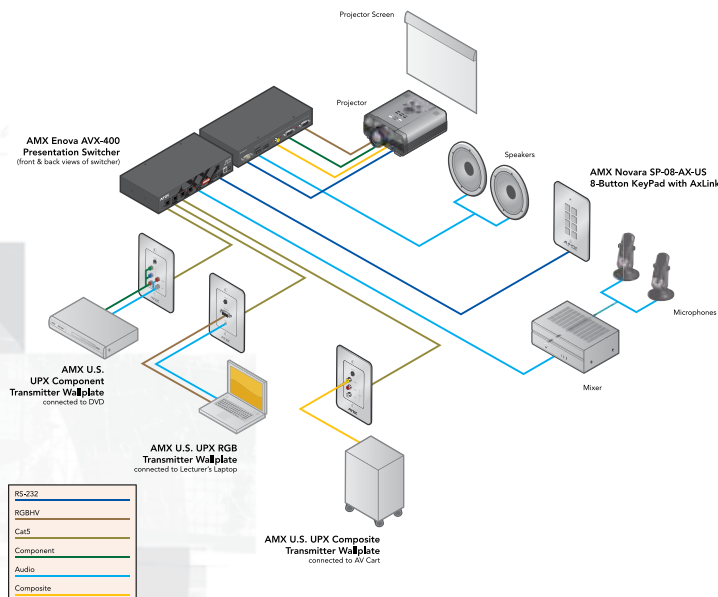
Delivers 3 Levels of Control – Use a simple software configuration tool for simple, intuitive device selection, add a Novara 8-button ControlPad for device control, or go all out by adding a NetLinX controller, user interface and code for full custom control

Increases Productivity over Cat5 – Use cost-effective twisted pair cable to transport audio, video, control and power –all over a single Cat5

Commands Signal Management Flexibility – Design any combination of RGB, Component, and/or Composite, and walk away from worries about too many of one signal style or not enough of another – just use any UPX universal transmitter wallplate to

Multiplies Connection Options – Put the finishing touch on the installation with two new convenient connection systems, UPX wallplates and HydraPort Cat5 modules

Simplifies Switching – Automatically displays the newly connected source or returns to a pre-set source when a source is disconnected. And comes standard with a source cycle button on every wallplate to toggle between sources





NETLINX POWER DISTRIBUTION UNIT



Power Management of Connected Devices
Reduces standby energy usage (vampire power/phantom load).

Built-in Power Current Sensing on Each AC Outlet
Makes it easy to tell if a device is powered on or off.

Individually Controlled Outlets
Allows a remote reboot for devices in the rack reducing on-site service calls.

Switched and Monitored
AxLink Bus Strips
Allows power and switching of AxLink or 12V powered devices (in banks of four).

Control and Reset Power Right from the Rack

The Power Distribution Unit (PDU) allows you to control the rack as well as control the room. With 8 individually monitored and controlled AC outlets, built-in 12 Volt power supply, 2 sets of 4 AxLink Bus Strips, and power monitoring for each outlet, the PDU adds a basic level of control by allowing remote reset of devices via a power cycle. With Native NetLinx control over AxLink, it's also easy to integrate with Resource Management Suite (RMS) software.

Dealer Benefits

- Introduces Control at the rack level for Dealers
- Combines power supply and power distribution into one device saving equipment and installation costs
- Provides easy method to add an environmentally friendly Green element to an installation

Quick Facts NXA-PDU-1508-8

Dimensions (HWD)	AC Ports	AxLink Ports
1 3/16" x 17" x 9 11/16" (2.97cm x 43.18cm x 9.66cm)	1 INPUT - 110 – 220VAC 8 OUTPUTS - 110-220VAC	1 AXLINK MASTER PORT 8 AXLINK DEVICE PORTS (2 BANKS OF 4)

NetLinx Power Management Family

LOCATION:
Rack Mount, Shelf, Table

EXTERNAL BUTTONS:
1 Reset

CONFIGURATION:
8-position DIP switch sets the AxLink device address for the unit



BMS/ENERGY MANAGEMENT

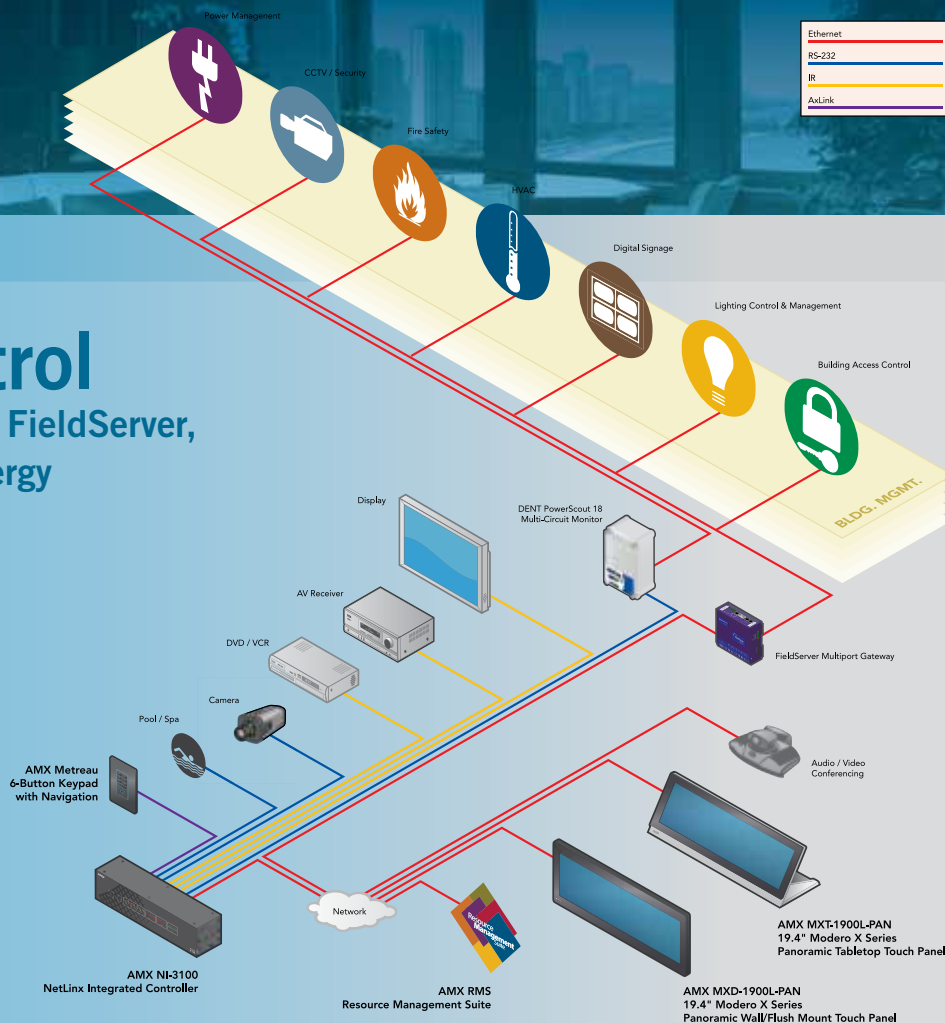
Unified Control

Seamless Integration with FieldServer, DENT and Other BMS/Energy Management Gateways

AMX BMS/Energy Management solutions allow NetLinX Integrated Controllers the ability to seamlessly integrate and communicate with building and energy management systems to control a wide variety of infrastructure systems including Building Access, CCTV/Security, Fire Safety, HVAC, Digital Signage, Lighting Control and Management and Power Management.

Dealer Benefits

- Great way to drive additional revenue by introducing customers to the added benefits of building and energy management in an integrated solution
- Offers a way to market to those customers already utilizing a BMS/Energy Management Gateway but needing a control system
- Introduce clients to the added benefits that AMX Resource Management Suite software offers including equipment monitoring, management and room scheduling benefits



FieldServer Gateway

AMX integrates with FieldServer Technologies' Gateway as a bridge between AMX platforms and protocols such as BACnet® and LonWorks® to enable interaction with HVAC, lighting, security and fire systems. Available for download in the AMX.com Tech Center.

DENT PowerScout™

DENT Instruments Power Scout networked power meters will escalate AMX platform's efficiency, which is already LEED® points contributing, by providing accurate and timely energy consumption reporting on whole building and branch circuits. Available for download in the AMX.com Tech Center.

RMS ENTERPRISE



RMS Enterprise is a scalable client / server based software for IT and AV managers that provides remote

management capabilities for AV assets and building systems.

Scheduling

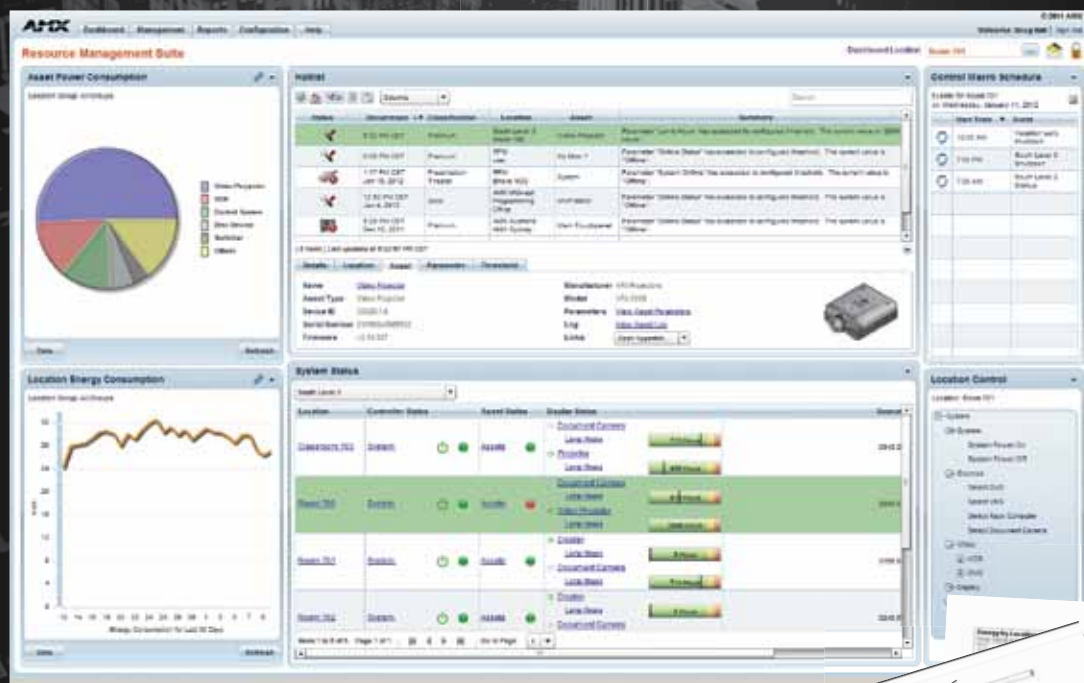
Touch panel schedule UI, Ad-hoc appointments, and 'Extend and End a Meeting' functionality

Visual Bar Graphs

Multicolor Graphical Elements with user defined stages for Device Status

Forwards & Backwards Compatibility

RMS 3.3 is totally forward compatible with RMS Enterprise.



Hotlists

Priority Levels and System Filtering – Push important rooms and devices to the top of the list

Energy Dashboard Widget

Display Energy Consumption over time for locations and assets by device type

Reports

Pie Charts, Graphs with Multicolor Graphical Elements

Expanded Device Support

New modules with device-specific functionality offering more comprehensive way to monitor and control AMX and third party equipment





RMS ENTERPRISE

Next Level Remote Management of Networked AV Equipment/ Building Systems

RMS Enterprise provides IT-like remote management capabilities for AV assets and building systems and features a user-friendly dashboard making it easy to centralize the management and monitoring of AV equipment, lights, HVAC and other building functions. End users can proactively maintain AV devices before a bulb burns out or receive immediate notification when a display goes offline. IT and AV managers can improve their response times and end users will reduce the amount of lost productivity while waiting for meeting room equipment to function.

RMS Enterprise is especially ideal for managing conference rooms, auditoriums and data centers where IT and AV managers can benefit from a centralized remote management tool with multiple capabilities to monitor and manage equipment or provide reports on energy usage and maintenance schedules.

Free EDU Licenses **with purchase of Software Maintenance Agreement** are available only to qualified educational institutions that are members of the AMX Education Alliance Program – for details visit www.amxallies.com.

Dealer Benefits

- **Easy to Integrate Devices** – RMS natively supports the Standard NetLinX API for easy code integration
- **Remote Monitoring** – Dealers have the option of providing remote support through network access to a customer's RMS software
- **RMS 3.3 Compatible** – Your RMS 3.3 customers can upgrade to RMS Enterprise and gain new management features without making code changes

QUICK FACTS

RMS ENTERPRISE LICENSE OPTIONS	
RMS-ENT-LL-1	RMS Enterprise Location License
RMS-ENT-LL-25	RMS Enterprise 25 Location License Bundle
RMS-ENT-LL-100	RMS Enterprise 100 Location License Bundle
RMS-ENT-LL-300	RMS Enterprise 300 Location License Bundle
RMS-EDU-LL-25	RMS Education 25 Location License Bundle
RMS-EDU-LL-100	RMS Education 100 Location License Bundle
RMS-EDU-LL-300	RMS Education 300 Location License Bundle

RMS Enterprise Scheduling NEW

RMS Enterprise supports a wide variety of external scheduling applications. With RMS 4.1, users can even grab an open meeting room via the touch panel outside – or even inside – the room.

- Extensive Calendar and Scheduling Support
- Display room appointments on an AMX touch panel
- Create, end or extend appointments from an AMX touch panel
- Integrates with Exchange and other popular scheduling systems



RAPID PROJECT MAKER

Design, Configure, Deploy

Design, configure, deploy AMX systems in less than an hour with Rapid Project Maker (RPM), a cloud-based software application.



Create the Perfect Meeting in Under an Hour

You need to create an environment to hold **The Perfect Meeting** – where your presentation material, video, audio and room control technology work together seamlessly to make your meeting a success.

But why do so many meetings fail? It’s frequently because of difficulties with the technology that manages the crucial presentation material in your conference rooms and classrooms. The system is too complex, it’s unreliable, or it’s a nightmare to set up and configure in the first place.

Rapid Project Maker (RPM) is an application designed to eliminate your meeting room technology problems. AMX leveraged decades of experience to bring you a software system that guides you through the process of setting up all of your conference room or classroom technology quickly, easily and reliably - so that everything works perfectly from the start.

WITHOUT RPM Automating a Conference Room is:	WITH RPM Automating a Conference Room is:
Difficult. Requires extensive programming skills.	Simple. No programming or sophisticated technical knowledge required.
Time Consuming. Takes days or weeks to program a system.	Fast. Set up a complete system in an hour or less that works perfectly from the start.
Expensive. Programming costs can consume a budget.	Affordable. RPM is free and eliminates expensive programming and integration costs.
Unreliable. Complex programming can lead to complex & unreliable installations, resulting in failed meetings.	Rock-Solid. RPM system designs and code are tested and backed by AMX, resulting in the Perfect Meeting.
Inconsistent. Custom programming is difficult to replicate.	Easy to Duplicate. Projects are saved to the AMX Cloud and can be deployed to any number of similar rooms.

FEATURES

- Cloud-Based Tool** – Design, configure and manage systems over the web – no software required.
- No Programming Required** – Dramatically simplifies configuration of an AMX control system.
- Configure Systems in Less Than an Hour** – With no programming required, complete multiple installations with greater consistency, reliability and efficiency.



AMX | LAS VEGAS



AMX | NEW YORK



AMX | LONDON



AMX | DALLAS

AMX SHOW ROOMS ARE YOUR SHOWROOMS

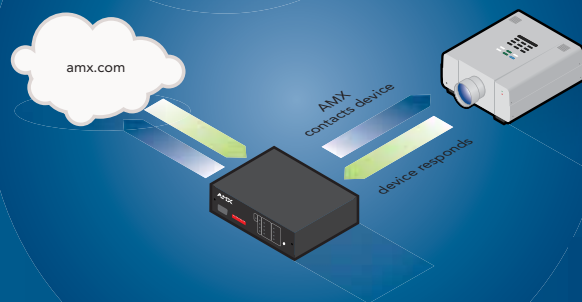
In addition to welcoming you to visit any of our direct sales and support offices around the world, we also invite you to visit any of our full service Showrooms located in Dallas, New York, Las Vegas and London. Each of our Showrooms offers visitors the ability to experience an interactive demonstration of more than 350 AMX products and includes several examples of AMX technology at work. Additionally, each of our Showrooms includes a full-size, fully integrated boardroom with video conferencing capabilities as well as a full-time AMX University Training Center.

Please contact any of our Showrooms directly for hours of operation, to request a demonstration and tour, inquire about AMX University training, or schedule a meeting with your customers.

- See technology demonstrations
- Invite customers to see over 350+ products
- Schedule videoconference meetings
- Attend AMX University training



AMX Device Discovery is a technology integrated into manufacturers' products to make programming easy and operation with an AMX control system effortless. By embedding this AMX exclusively designed technology into their products, industry-leading manufacturers are improving the way AV installations are programmed, managed and operated.



How does it work?

When integrating a serial or IP device that supports Device Discovery, the AMX Controller (which is always at the heart of the control system) recognizes the device, loads the appropriate communications module and the new third party device is automatically installed. The AMX Controller can find and install the device module either from a library on the Controller, or from AMX's Web site. Device Discovery also allows for device swapping so that programming changes are not required when devices are removed or replaced.

Simplifying Installation Programming, Management and Operation

Manufacturer Benefits

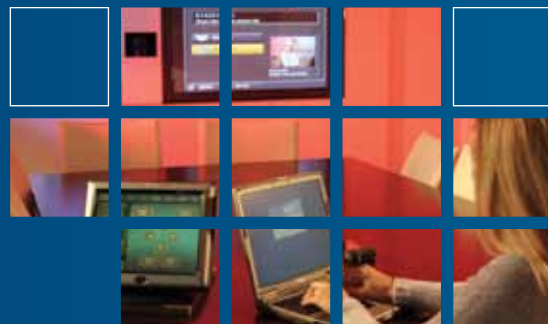
- Access to top control system dealers, who are more likely to choose manufacturers using AMX Device Discovery in their products because installation is easier
- Firmware upgrades are trouble-free
- Removes the technology burden of programming different products
- Quickly and easily offer new AMX compatible products to the control system market
- Included in AMX VisualArchitect system design software, for even easier integration
- Marketing and exposure through AMX

Dealer Benefits

- Installation and firmware upgrades are much easier
- Can choose from top list of industry leading manufacturers
- Immediately offer new products from these manufacturers to customers

End User / Consumer Benefits

- Devices can be swapped out and replaced simply, with no additional programming required thus reducing the cost of room maintenance and room downtime
- Lower cost of installation and maintenance
- Select the newest, most technologically advanced products for their systems





Supporting the Manufacturers



Manufacturer Testimonials

"In today's world of ever increasing complexity, it is wonderful to be able to introduce something that makes everyone's life simpler and easier." – ADA

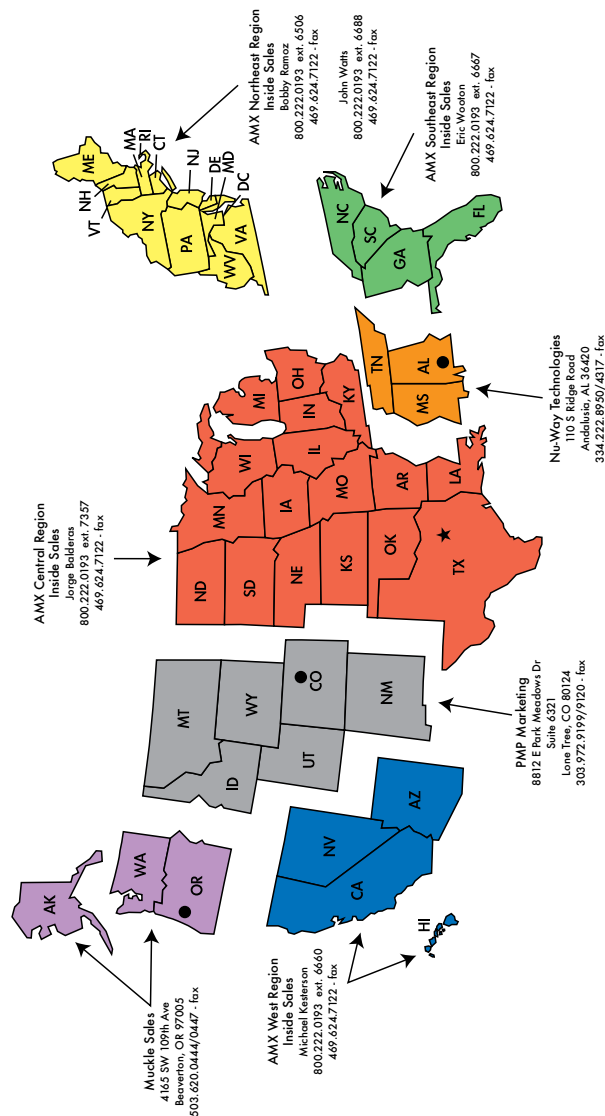
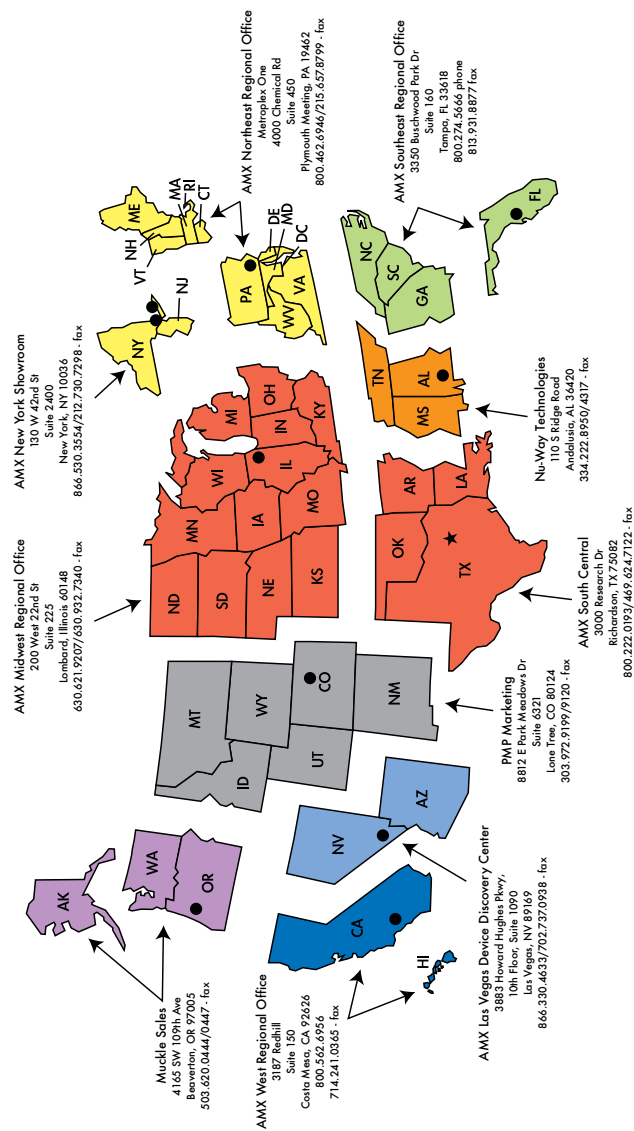
"We have always been committed to supporting our custom installers and dealers through our products with ease of use and simple installation. We are delighted to participate in a program that will benefit our customers." – Yamaha

"AMX's Dynamic Device Discovery feature is a brilliant breakthrough tool for programmers and we will be implementing this new feature on all new products and even some existing ones." – Runco

"Streamlining the integration and programming of these two powerful systems creates a win-win situation for both the installer and the client." – Lutron

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US Inside Sales Leaders



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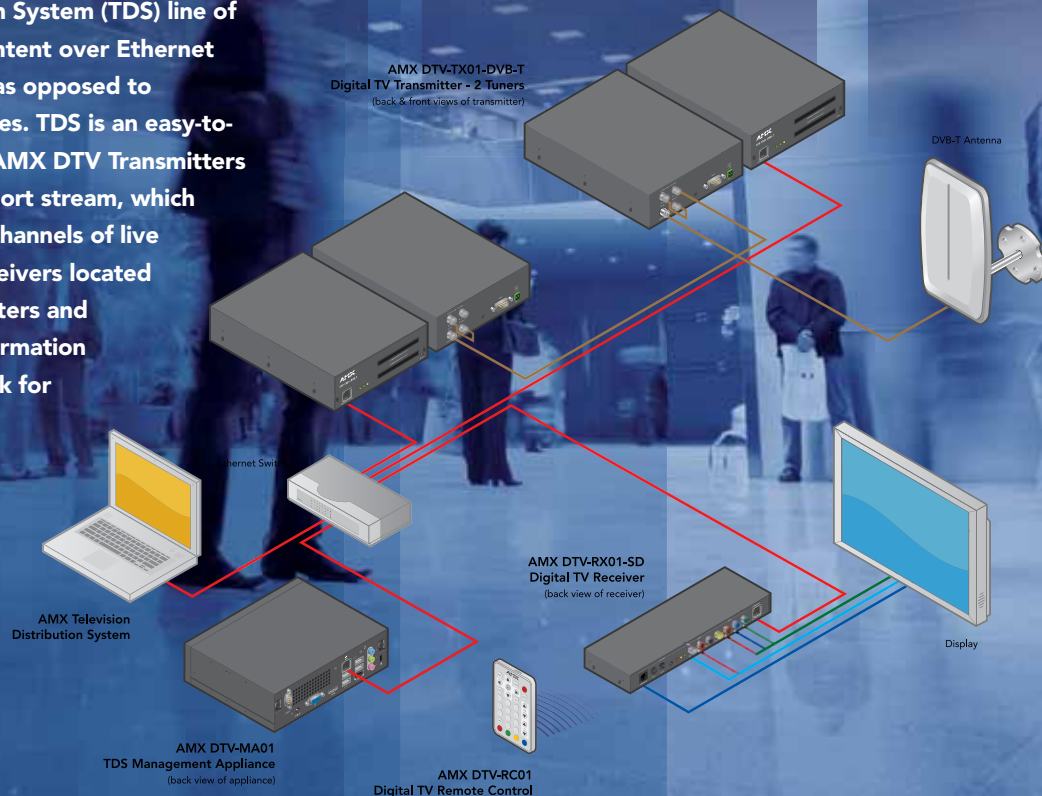
We interrupt your regularly
scheduled program for
breaking news...

AMX[®] DIGITAL TV

DELIVERS OVER ETHERNET



The AMX Television Distribution System (TDS) line of products transmit digital TV content over Ethernet using a multicast-enabled LAN as opposed to separate dedicated coaxial cables. TDS is an easy-to-implement digital TV solution. AMX DTV Transmitters send a complete MPEG2 transport stream, which can include multiple individual channels of live programming to AMX DTV Receivers located at the TV display. DTV Transmitters and Receivers also send control information over the same Ethernet network for centralized management and control of edge displays. AMX DTV Receivers are available in High-Definition and Standard Definition models.



Content, Control and Power Over A Single Cable

AMX DTV Receivers feature embedded display control. Additionally, Standard Definition Receivers are Power over Ethernet (PoE), eliminating the need for a power supply at the display

Cost Effective

You can leverage the existing network and cabling infrastructure to make installation and content distribution more cost-effective instead of running additional coaxial cable

**Delivers Video Faster**

No additional encoding is required with AMX DTV, reducing latency and delivering digital TV video faster than most

NetLinx and RMS Compatible

Using NetLinx control and the Resource Management Suite, you can control, schedule and monitor the digital TV network within a home or facility. Offers current AMX Control System users an easy way to implement an integrated digital TV solution

Smaller Receiver Easily Mounts Behind Displays

Unlike a cable or satellite receiver which is big and heavy, the AMX DTV Receiver is compact and light making it easy to mount out of sight

One Supplier for All Signal Formats

AMX DTV supports DVB-T, DVB-S and QAM/ATSC signal formats, allowing you to work with a single vendor to support your worldwide digital TV deployments

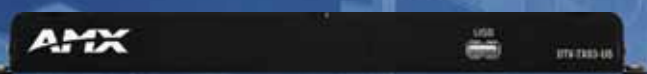
DTV Transmitters

Available in three models to capture and transmit the world's most broadcasted digital TV signal formats: DVB-T, DVB-S and QAM/ATSC

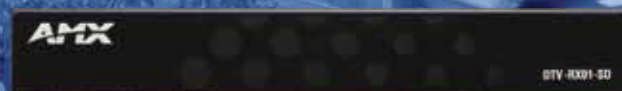
These transmitters capture digital signals via standard coaxial cable and convert them to a complete MPEG2 transport stream

Each MPEG2 stream can include multiple individual channels of live programming

Sends control information over the same Ethernet network allowing the ability to centrally control and manage receiving displays including powering them on and off



DTV Receivers



Available in two models – High Definition and Standard Definition to support a variety of display requirements

Standard Definition Receivers are Power over Ethernet (PoE) eliminating the need for a power supply at the display

DTV Receivers are compact and light making it easy to mount them out of sight

Serial control at the receiver location allows for NetLinx control of the display (channel, volume and power on/off)



The TDS Management Appliance provides for scalable, web-based control of the entire TDS system. Choose which channels are streamed, control receiver channel access, and manage all DTV devices from a central location.



record, present and
playback video
with a simple button press

vision² provides a sophisticated and fully integrated video capture, management and broadcast system for organizations that want a comprehensive, yet simple-to-use IP video delivery solution.

- Improve live communication by streaming meetings and events to viewers throughout a campus or around the world
- Simply and easily search and view pre-recorded video on displays, PCs and mobile devices
- Integrate video with a control system to make it extremely easy for users to stream, record and playback video

NEW

AMX is adding several new features to Vision² to improve video integration within an organization

- **Administrator Roles and Responsibilities** - allows Vision² system administrators to allocate responsibility for a service to different groups so that each group can manage their own service
- **Network-Based Storage** - supports creation of a Vision² archive across a network, either on another Vision² server or on existing enterprise storage
- **Thumbnail Editor** - allows users to create up to 200 thumbnails per video and assign text to each thumbnail
- **Vision² Duet Module** - provides an easy mechanism for NetLinx programmers to integrate Vision² with a control system

integrating
vision²



and the Television Distribution System

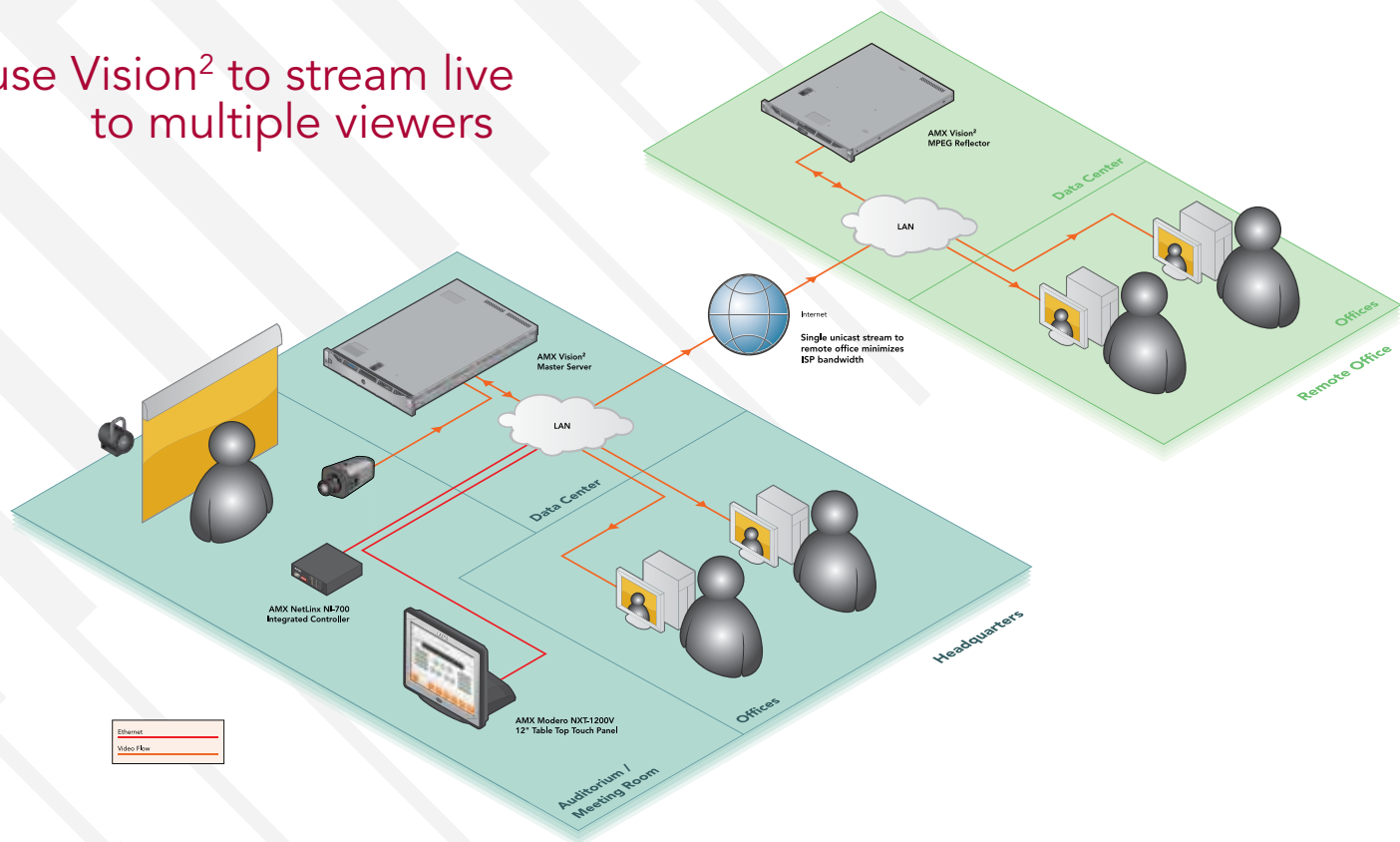
DTV Gateway

The DTV Gateway delivers TV content from our Television Distribution System product line to your Vision² system. TDS transmitters are paired with the DTV Gateway to convert digital TV signals to a format compatible with Vision². Each DTV Gateway supports up to six transport streams, which can each contain one or multiple channels. It's ideal for businesses and schools that may also want to broadcast to displays and PCs throughout a campus.

- Enables Delivery of Live TV to a PC
- Extends DVB-T, DVB-S, ATSC & QAM support to Vision²
- Segments High-Bandwidth Transport Streams
- Delivers 6 Video Streams

THE vision² LIVE VIDEO STREAMING

use Vision² to stream live
to multiple viewers

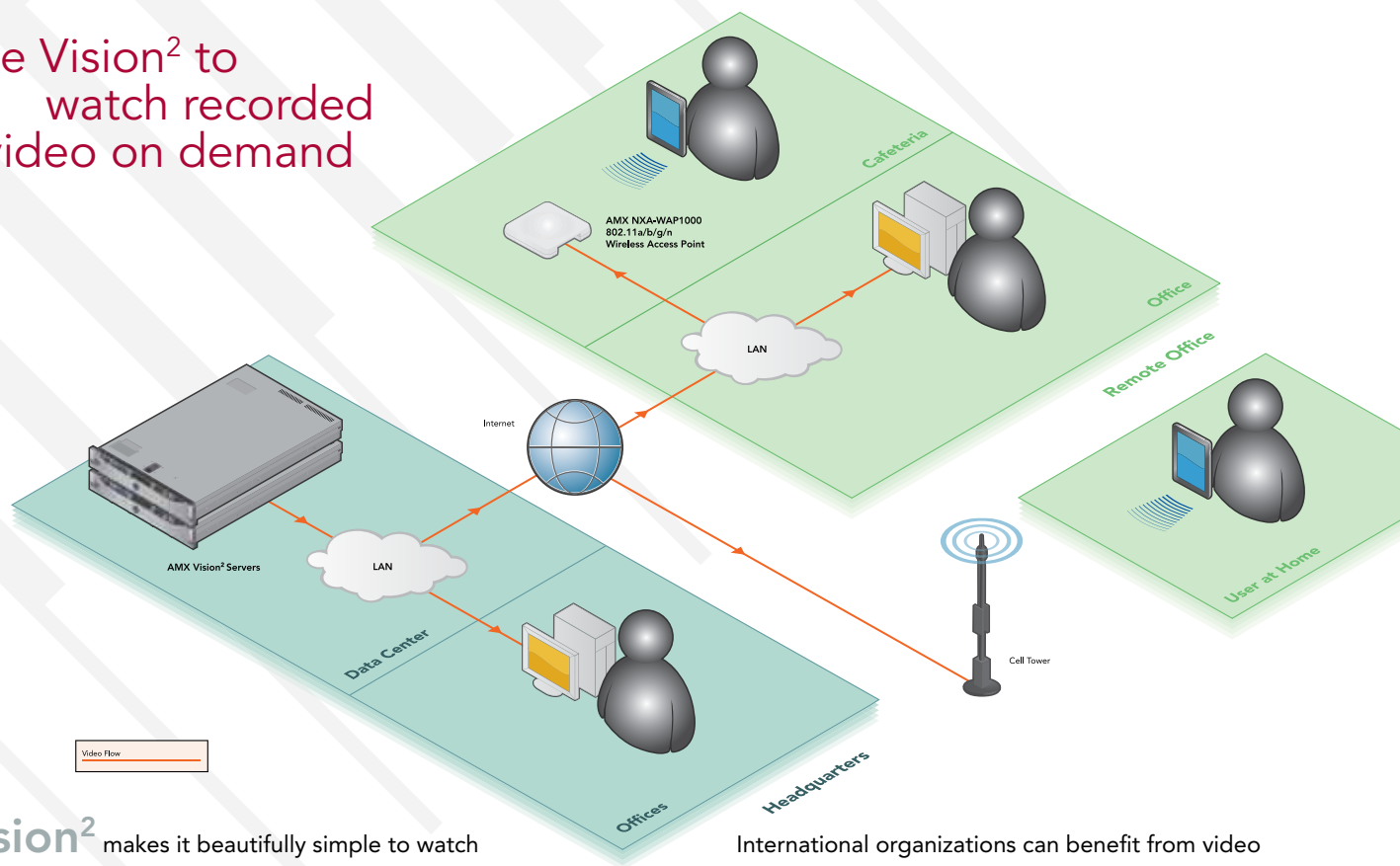


vision² allows you to stream live events such as all hands meetings, sales conferences or training classes to staff located around the globe. With a simple button press, a live event can be captured and streamed to employees watching on displays in a cafeteria, PCs at a desk or on a laptop when working remotely.

As video viewing on mobile devices grows in popularity, AMX has a solution by providing a user interface that makes it simple to watch while on the go. Whether it's an iPhone, iPad or Android device, Vision² can provide a beautiful quality video that will enhance communication within an organization.

THE vision² VIDEO ON DEMAND

use Vision² to
watch recorded
video on demand



vision² makes it beautifully simple to watch recorded digital videos anywhere, anytime. During the record and store process, videos can be meta-tagged with information that makes it easy to search for them later by keyword, subject or other metadata.

International organizations can benefit from video playback as some events and activities can only take place during specific timeframes. And unique applications can be enabled such as recording a medical procedure for review with a patient or student.



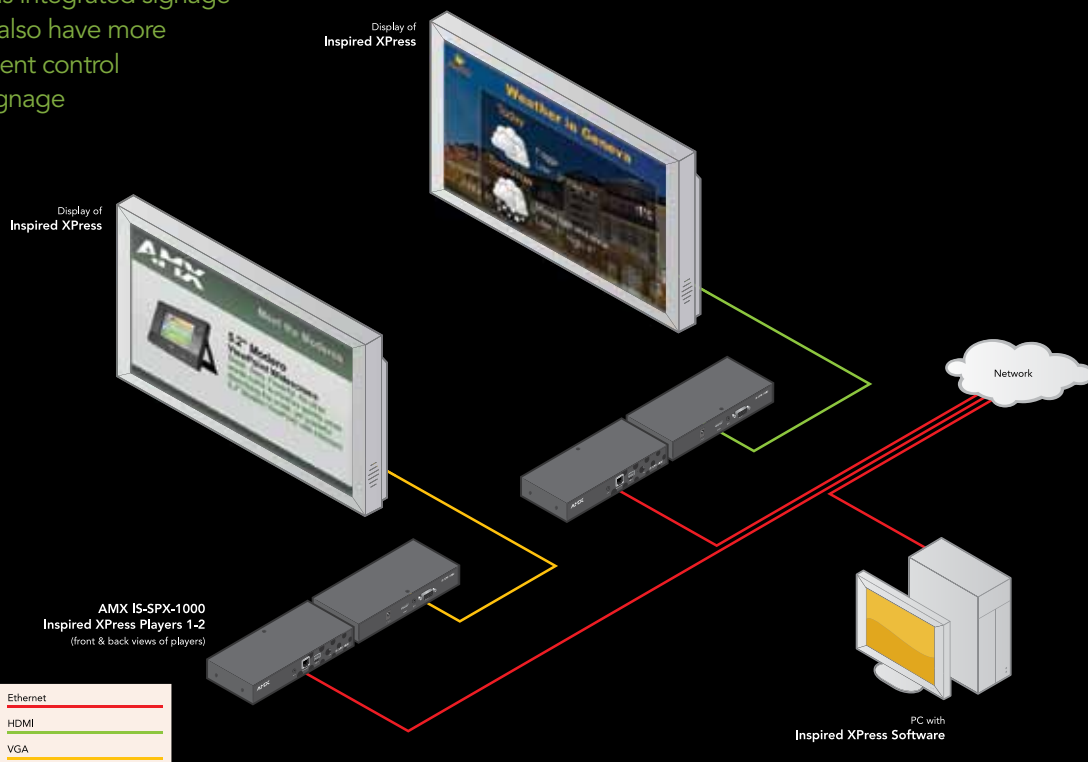
think inspiredsignage

INSPIRED XPRESS

The leader in innovation has integrated signage and control to offer a unique set of signage solutions that range from simple single signage to sophisticated interactive applications that are programmed to change based on triggers such as temperature changes to promote certain products or provide weather alerts. Because AMX has integrated signage with control, customers also have more flexibility and management control over the entire digital signage deployment. This also enables unique capabilities like the ability to power on and off displays around the world from one central location – all while providing organizations and businesses with an effective way to communicate.

AMX Digital Signage

Inspired XPress is our latest digital signage hardware and software platform with the power to create and deliver digital signage content to any display around the world. The new **IS-SPX-1000** player packs a whole lot of punch in a tiny box. Inspired XPress software features a simple, comprehensive tool that allows users to quickly and easily create and publish templates and content.





think inspiredsignage

INSPIRED XPRESS

Inspired XPress is a digital signage hardware and software platform with the power to create and deliver digital signage content to any display around the world. The new IS-SPX-1000 player packs a whole lot of punch in a tiny box. Inspired XPress software features a simple, comprehensive tool that allows users to quickly and easily create and publish templates and content.

- **Emergency Messaging Override** Allows an administrator to send a message to a single display or group of displays immediately such as in emergency situations
- **Flexible Data Integration** Inspired XPress supports RSS Feeds for News, Weather, Sports or any other data that can be obtained via a RSS Feed for up-to-the minute information
- **Multiple Language Support** – Inspired XPress supports international languages including Chinese, Japanese and Arabic. It can play text in any direction and includes basic fonts for several languages and the capability to load custom fonts to support corporate branding
- **Message Scheduling Software** includes a simple drag-and-drop solution for creating schedules for playlists with upcoming views for a day, week, month or year
- **Supports Live Video** Live video streams can be played allowing for a live video multicast of content from a network video source such as AMX's Vision² in Standard Definition



A Small Giant!

Don't let its compact size fool you. While it has no moving parts and uses a mere two watts of power the IS-SPX-1000 has an embedded web server, metric collection capability and HDMI/VGA video outputs.

- **View Content Being Played** From the **IS-SPX-1000** embedded web server an administrator can take a snapshot showing exactly what is playing on the connected display for status or reporting purposes
- **HDMI and VGA Outputs** The IS-SPX-1000 features 2 simultaneous, independent, active video output connections, one digital and one analog
- **Powerful Compact Player** This tiny player is small, light, with no moving parts, yet is packed with capabilities that most PC-based solutions can't match like live video and video wall support
- **Green** The player uses only 2 watts of power

Quick Facts **IS XPRESS SPX-1000**

Maximum Resolution	Video Output	Audio Codecs	Enclosure Size (HWD)
1280X720 (16:9), 1024X640 (16:10), 1024X768 (4:3)	720P (HD-READY), 576P, 480P, VGA; 50 OR 60 FPS	MPEG AUDIO LAYER 1/2/3, ITU G.711, G.722, G.729, PCM, MICROSOFT WMA, REAL AUDIO	1" x 6 1/4" x 3 1/4" 1 RU



think  inspiredsignage

INSPIRED XPRESS



A Dynamic Software Solution

Inspired XPress is ideal for delivering dynamic information to customers of retailers, hotels, banks, event venues and other public spaces in multiple languages. Content design is fluid, similar to a web page. Inspired XPress allows staff to create templates and content, and publish that content to IS XPress players.

- **Easy-To-Use** Inspired XPress software allows administrators to very easily create and manage their content and distribution.
- **Standards Based Architecture** Technology such as Scalable Vector Graphics (SVG) and XML produce graphics that are smaller, transmit more quickly, and are scalable without resolution loss.

- **Wide Variety of Graphics Supported** The design aspect of IS XPress software allows for the use of content already developed such as JPEG, PNG, GIF, and SVG for still image format and MPEG-2, MPEG-4, H.264, WMV 9 for SD motion video as well as importation of PowerPoint presentations.



think inspiredsignage

INSPIRED XPERT

Sophisticated Digital Signage in an Easy-To-Use Solution

Inspired XPert provides digital signage with the industry's best content tools to make creating and managing digital messages simple.

- The IS-XPT-2000 is a compact player that can be mounted behind displays and features high resolution 1080p processing power to support HD video, images, text, and internet feeds.
- Addresses customer's content challenges with the availability of professionally designed, easy-to-use message templates.
- Enables groups to manage their own content, while allowing a review and approval cycle before it is published to displays.
- With no on-going software license fees, Inspired XPert is more cost effective than subscription-based solutions.
- Supports multiple sources for data integration beyond standard RSS feeds including sources such as Twitter, Flickr, Yahoo! News, Google docs and Google calendar
- NetLinX integration provides the ability to combine Inspired XPert with AMX Control systems to create messaging solutions that incorporate the entire environment
- Native integration with RMS Enterprise allows system administrators to monitor and control the signage player and its connected display device.

NEW

COMPOSER SOFTWARE

- Permissions-based workflow management enables an approval process for created content
- Software installed on user's PC or a server enables updates to content
- Supports LDAP authentication



PLAYER (IS-XPT-2000)

- Generates high-res images up to 1080p at 30 frames per second
- Compact player can be mounted behind display
- NetLinX integration allows for content control from a NetLinX system



AVAILABLE TEMPLATE PAKS

- Corporate Template Pak includes designs relevant to business
- Education Template Pak includes designs relevant to schools



AVAILABLE CUSTOM CONTENT

- Our experienced team of graphics designers work directly with customers to develop a custom set of templates



Lutron® Clear Connect™ Enabled

Don't Be Left In the Dark
With a solution designed by the industry leaders of Light and Control, Your light control commands are executed flawlessly every time.

Smart Sensing
The Clear Connect Occupancy Sensor ensures maximum energy efficiency by accurately sensing when someone is in the room and when they're not to turn lights on and off accordingly.

Interference Free
Lutron's patented RF Technology uses a quiet band to ensure communication between system devices is essentially free of interference.

No Wires Needed
Clear Connect is ideal for retrofit applications because you never have to run new wires to keypads, switches, dimmers and occupancy sensors.



CLEAR CONNECT™ WIRELESS LIGHT CONTROL FROM AMX AND LUTRON



Shine a Light and Control it Wirelessly

The Clear Connect™ Wireless Gateway allows light control to be added to virtually any location, without pulling wires and connects NetLinX Controllers with Lutron Clear Connectkeypads, dimmers, switches, sensors and keypads. The Clear Connect™ system integrates with existing electrical infrastructure and works with almost any type of lighting, offering residential owners light and AV control plus occupancy sensing. Best of all, whether you're using a Modero Touch Panel, R4 Remote or iPad, Clear Connect is easily controlled through any AMX interface.

DEALER BENEFITS

- Easy Installation - Simplify customer installs without running wires by specifying Clear Connect-enabled keypads, switches, dimmers, occupancy sensors
- Reliable Light Control - Ensure ultra-reliable wireless communication between your client's components using Lutron's patented Clear Connect RF Technology
- Simplified AMX Integration – Add devices, create scenes and program the system with no installed software tools using an intuitive web browser
- RMS ready – trigger events based on motion such as turning everything off if no motion is detected for X minutes. Ties into RMS for complete facility energy management

QUICK FACTS CLEAR CONNECT

NXB-CCG	NXB-CCG, NetLinX Clear Connect Gateway
CCD-6D-WH	CCD-6D-WH, Clear Connect 600W Incandescent/MLV Dimmer
CCD-F6AN-DV-WH	CCD-F6AN-DV-WH, Clear Connect 6A Fluorescent Dimmer
CCD-6NA-WH	CCD-6NA-WH, Clear Connect Phase Adaptive Dimmer
CCD-6NS-WH	CCD-6NS-WH, Clear Connect 120/277V Switch
CCD-RD-WH	CCD-RD-WH, Clear Connect 120V Accessory Dimmer
CCD-RS-WH	CCD-RS-WH, Clear Connect 120V Accessory Switch
CCD-RS-277-WH	CCD-RS-277-WH, Clear Connect 277V Accessory Switch
CCD-OCRB-P-WH	CCD-OCRB-P-WH, Clear Connect Radio Powr Savr™ Ceiling Mount Occupancy/Vacancy Sensor
CCD-VCRB-P-WH	CCD-VCRB-P-WH, Clear Connect Radio Powr Savr™ Ceiling Mount Vacancy Sensor - CA only
CCD-15APS-1-WH	CCD-15APS-1-WH, Clear Connect Switching Plug in Device - 15A Softswitch
CCD-W6BRL-WH	CCD-W6BRL-WH, Clear Connect Wall Keypad - 6-Button with Raise/Lower



AMX on Android

TPControl Apps are available for Android Phones and Tablets and work seamlessly no matter which device you are using. All Android Apps are available for a free, fully-functional, 21-day trial download. For detailed information, download instructions and support, visit touchpanelcontrol.com. Contact your AMX Representative to purchase Android App licenses.



AMX on Apple

TPControl Apps are available for Apple iPads, iPhones and iPod Touches and work seamlessly no matter which device you are using. All Apple Apps are available for a free, fully-functional, 21-day trial download. For detailed information, download instructions and support, visit touchpanelcontrol.com. Contact your AMX Representative to purchase Apple App licenses.

Additional AMX Apps – All available at AMX.com/UI

G4 ComputerControl™

Provides customers the ability to experience the full functionality of any network connected computer directly on Modero® Touch Panels, Total Presentation Interfaces and TPDesign4 software.

i!Weather™

Based on actual weather conditions, program your AMX control system to manage lighting, sprinklers and more.

PictureFrame™

Provides simple digital signage when the panel is idle.

TakeNote™

Use your finger or a stylus to draw directly on the Modero® screen to demonstrate truly interactive presentations.

AMX UI Widgets

(Analog Clock, Calculator, Messenger, and Notepad) Design independent, code-driven elements that add value to a user interface.



Android & Apple

Seamless Integration with TPControls Apps



NEW

TPControl Features Including Voice Control

Touch Panel Control, the only AMX authorized product partner to provide touch panel functionality from Apple® or Android™ mobile devices, has added several exciting enhancements, including the ability to verbally, “voice-activate” control functions. Now you can simply say “adjust lights to daytime setting” and TPControl will do the rest - instructing your AMX control system to execute the requested action and confirm with the audio response “the lights have been adjusted to 50% of full brightness.” Check out a spotlight of the enhanced TPControl features listed below.

- **VoiceControl** - Using Speech-to-Text and Text-to-Speech functionality within TPControl allows you to talk to your control system and have it talk to you.
- **AppControl** - Launch installed applications directly from TPControl; start an SMS, launch an email client, web pages and much more without leaving the TPControl environment
- **Multi-Profiles** - Dynamically and instantly change connection profiles such as office or home, connecting seamlessly to different control systems from the same device
- **Intercom** - Converse from TPControl to devices such as the AMX Metreau Communicator, AMX Intercom enabled touch panels, and other TPControl enabled devices
- **TPCloud** - Cloud power lets you update TP4 files, change device settings or even apply tokens to TPControl devices, right from the My Account section of the Touch Panel Control website
- **eICSP** - Encrypt, verify and secure ICSP data for your local and remote connections



www.touchpanelcontrol.com

UPX UNIVERSAL TRANSMITTER WALLPLATES

AUDIO
+ VIDEO
+ CONTROL
+ POWER

= A SINGLE
STANDARD Cat5



Component over Cat5



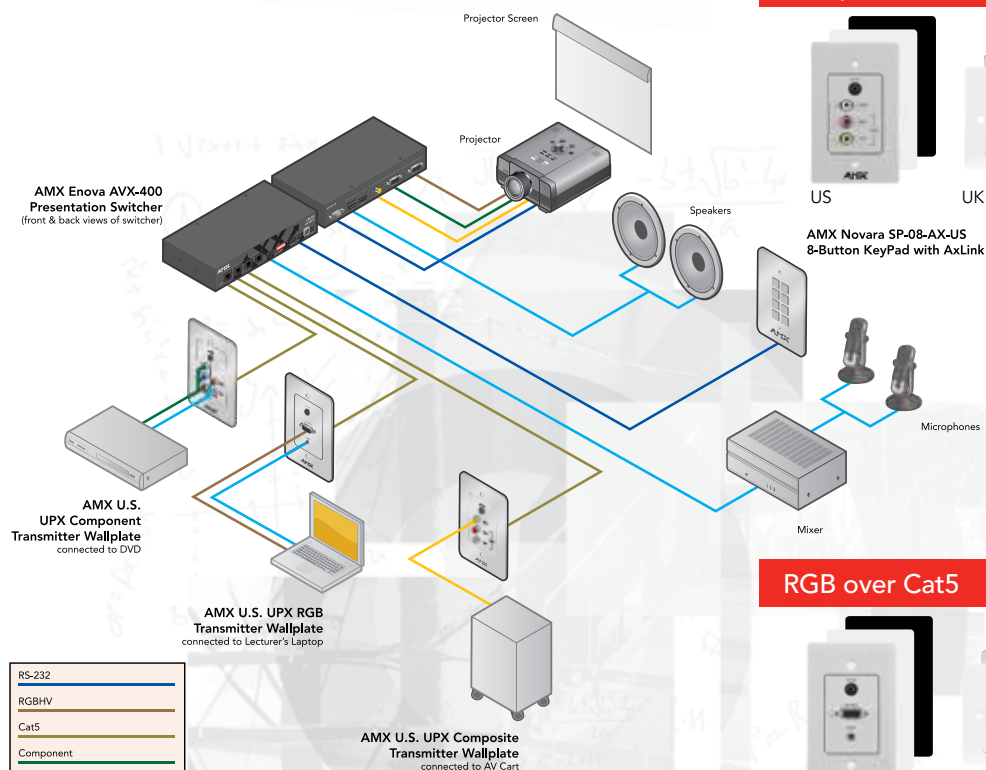
Composite over Cat5



HDMI Pass-Through



RGB over Cat5



hydraport

goes a whole new direction



HPX-600BL
HydraPort 6 Module Connection
Port Black Anodized Aluminum Base

HPX-900BL
HydraPort 9 Module Connection
Port Black Anodized Aluminum Base

HPX-1200BL
HydraPort 12 Module Connection
Port Black Anodized Aluminum Base

Available Black or Silver Anodized Aluminum



3 NEW ANNOIDIZED ALUMINUM MODELS

Introducing our new HPX-600, HPX-900 and HPX-1200 HydraPort models that feature a sleek, flush-mount design that conveniently opens in both directions to provide an extremely clean, unobtrusive look.

Whether mounted in a table or lectern, the new HydraPort models are ideal for conference rooms, classrooms and auditoriums where users need a simple, convenient way to connect devices to power and Ethernet, or send video, audio and files to a display.

Elegantly connect portable devices at your desk or table using the most beautiful connectivity system ever developed. The design allows user to easily change connections as needs evolve.

- Easy to assemble, install and support
- Future proof for various connection types
- Flush surface design compliments any room

hydraport

The HydraPort HPX-1600 Retractable Connection Port is the first completely modular, retractable cable connection system built to accommodate the diverse connection needs of conference and meeting room visitors. This sleek, elegant, ergonomic design features a retractable base station that smoothly rises to expose device connections and recedes back down and conceals the typical cable mess that can distract from the business at hand. All this while each cable stays connected. That's what we call classy connectivity.

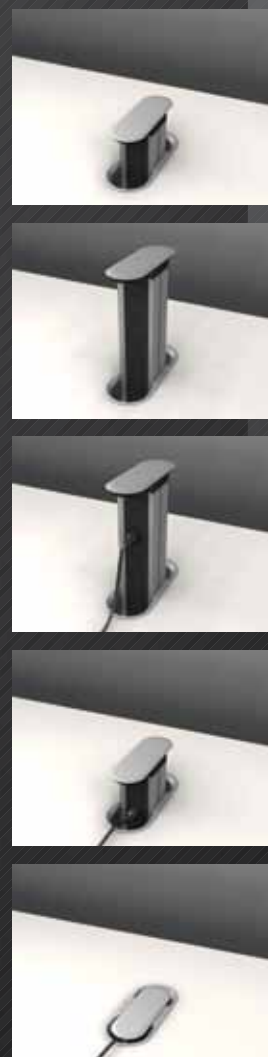


A Simple Way to Connect AV, Control, Network and Power

IT'S ALL ABOUT MODULARITY

The HydraPort is completely modular so you can design the perfect combination of AV, control, network, and power connection modules to support your specific needs. Laptops, projectors, document cameras, DVD players, audio equipment and other support devices can be easily connected and controlled.

- **Completely Two-Faced** – To provide easy access, HydraPort is double-sided and each side accommodates 8 AV or Data modules, 4 Power modules, 2 Keypad modules or any combination of these
- **More Ways To Innovate** – HydraPort incorporates the new Enova UPX Transmitters behind the scenes to support the new Enova DVX and AVX Total Environment Solutions
- **Elegant and Unassuming** – The cable ring allows HydraPort to retract flush with the table once connections have been made without crimping or binding any connected cables. The typical wire mess is concealed
- **No Electrician Required** – The integrated IEC power inlet assembly easily connects to four different power modules providing international power support for virtually every country
- **Control The Room** – Add Metreau or Novara Keypad modules for device, lighting, shade or climate control as well as initiate pre-programmed events – all from the HydraPort console
- **Simplifying the Installation** – A sturdy, re-usable cutting guide and router bits are available to simplify the process of cutting the table or lectern, ensuring a correct fit every time



hydraport

Base Assemblies



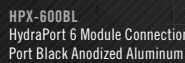
HPX-1600-BL
Black Anodized Aluminum Base
Assembly with Power Inlet



HPX-1600-SL
Silver Anodized Aluminum Base
Assembly with Power Inlet



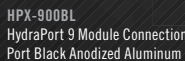
HPX-600SL
HydraPort 6 Module Connection
Port Silver Anodized Aluminum Base



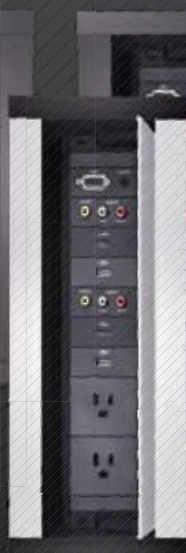
HPX-600BL
HydraPort 6 Module Connection
Port Black Anodized Aluminum Base



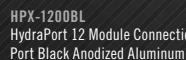
HPX-900SL
HydraPort 9 Module Connection
Port Silver Anodized Aluminum Base



HPX-900BL
HydraPort 9 Module Connection
Port Black Anodized Aluminum Base



HPX-1200SL
HydraPort 12 Module Connection
Port Silver Anodized Aluminum Base



HPX-1200BL
HydraPort 12 Module Connection
Port Black Anodized Aluminum Base

Audio/Video Modules



HPX-AV101-HDMI
Single HDMI Module



HPX-AV101-DVI
Single DVI Module



HPX-AV100-CS+A
Composite Video with
Stereo Audio



HPX-AV100-RGB+A
RGBHV Video with Stereo
Audio

HPX-AV101-RGB+A
includes rear pre-attached cables: Video:
Pre-attached cable to male HD15 video connector.
Audio: Pre-attached cable to female stereo mini-jack



HPX-C5400-CN+A
Component Video +
Stereo Audio to UPX CAT5
Wallplate Kit (with HPX
carrier)



HPX-C5400-CS+A
Composite Video +
Stereo Audio to UPX CAT5
Wallplate Kit (with HPX
carrier)



HPX-C5400-RGB+A
RGBHV Video + Stereo
Audio to UPX CAT5
Wallplate Kit (with HPX
carrier)

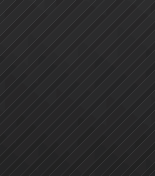
Control Modules



HPX-U400-MET-6N
Metreau-6N Keypad Kit -
6-Button with Navigation
(with HPX Carrier)
for HPX-1600



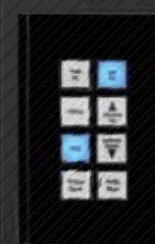
HPX-U400-MET-7
Metreau-7 Keypad
Kit - 7-Button (with HPX
Carrier) for HPX-1600



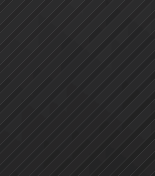
HPX-U400-R-MET-7
Metreau-7 Keypad
Ramp Mount Kit
(with HPX Carrier)
for HPX-600, 900 & 1200



HPX-U400-MET-13
Metreau-13 Keypad
Kit - 13-button
(with HPX Carrier)
for HPX-1600



HPX-U400-SP-08-AX
Novara Keypad with
AxLink - 8-Button



HPX-U400-CP-1008
Novara ControlPad -
8-Button

Cable Pass-Thru Modules



HPX-CPT200
Cable Pass-Thru Module
for HPX-1600



HPX-CPT200-W
Cable Pass-Thru Module
for HPX-600, 900 & 1200

Networking Modules



HPX-N100-RJ45
Single Ethernet RJ45



HPX-N102-RJ45
Dual Ethernet RJ45



HPX-N100-USB
Single Mini-USB



HPX-U200-MOD
Modero Touch Panel
Connection

Power Modules



HPX-P200-US
Power Outlet Module
(US) for HPX-1600



HPX-P200-UK
Power Outlet Module
(UK) for HPX-1600



HPX-P200-EU
Power Outlet Module
(Europe) for HPX-1600



HPX-P250-IN
Power Outlet Module
(India) for HPX-1600



HPX-P200-AU
Power Outlet Module
(AU) for HPX-1600

HPX-P200-PC-AU
Power Outlet Module
with Cord (AU)
for HPX-600, 900 & 1200



HPX-P250-PC-IN
Power Outlet Module
with Cord (IN)
for HPX-600, 900 & 1200

The HPX-1600 compatible modules have discrete hot, neutral and ground wires have been added that connect to header on power inlet assembly of all power outlet modules

Module Blanks & Labels



HPX-B200
Blank - 2 Module space



HPX-B100
Blank - 1 Module space
HPX-B100-L (not pictured)
Custom Text Labels



HPX-B050
Blank - 1/2 Module space
HPX-B050-L (not pictured)
Custom Text Labels

hydraport

grommets



HYDRAPORT GROMMETS

The new HPG-20 and HPG-10 Hydraport Grommets provide an elegant cable management solution for smaller tables or special locations on larger tables.

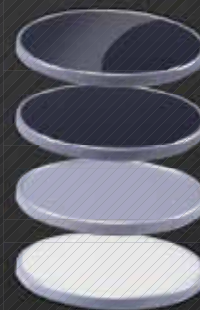


HPG-20B-GB
2" Grommet Gloss Black
in Black Metal

HPG-20B-MB
2" Grommet Matte Black
in Black Metal

HPG-20B-GS
2" Grommet Gloss Silver
in Black Metal

HPG-20B-FG
2" Grommet Frosted
in Black Metal



HPG-20S-GB
2" Grommet Gloss Black
in Silver Metal

HPG-20S-MB
2" Grommet Matte Black
in Silver Metal

HPG-20S-GS
2" Grommet Gloss Silver
in Silver Metal

HPG-20S-FG
2" Grommet Frosted
in Silver Metal



HPG-20-SL
2" Grommet Matte
Silver Plastic



HPG-10
3/4" Mini-Grommet

hydraport



Select from standard configurations of the most popular modules to ensure you have the right connections.



Print both sides of your connection port for reference, to accompany a sales order, for your records or to show your customer.

BUILD TO SUIT

HydraPort Preview is a new web application on AMX.com designed to help you build the perfect connection port for all your AV, control, network, and power requirements. Select the appropriate base (HPX-600, HPX-900, HPX-1200 or HPX-1600), then simply drag and drop any of the modules directly on the image. Lay out your modules, use the 'copy arrows' to duplicate sides on the HPX-1600 or edit one of the five pre-designed common layouts; either way, once you're satisfied, your

work is done. Enter the job details and print a color preview of your custom designed configuration as a visual reference for your customer or as a double check for yourself. You can also print a parts list and eliminate the hassles of looking up part numbers, verifying the details PLUS you can save the information for instant retrieval. And don't worry, this intuitive interface monitors module space allocation and won't let you overload a side. It's like having a little connection device angel on your shoulder.

HydraPort Standard Configuration Layouts

are pre-designed common connectivity layouts that help eliminate time, effort and confusion.

Cat5



Connectivity



NetLinx Control



Novara Control



Simple Control





RMS Compatible

The built-in Ethernet port allows the ControlPad to communicate with AMX Resource Management Suite (RMS) software for enabling web-based remote diagnostics, room management and control of every room on the network.

Thousands Await

Works with AMX IR files – leverage thousands of pre-existing AMX IR files on AMX.com.



NOVARA 3000 SERIES

Simplified Programming
Device Configuration Software (DCS) is used to configure the ControlPad, which means there is no programming required for system setup.



Network Configurable
Configure and update an entire facility or campus simultaneously over your network.

Onboard Ethernet = Cost Effective RMS Interface

Now featuring an integrated Ethernet Port, the Novara 3000 Series ControlPads are cost-effective user interfaces for classrooms and conference rooms that offer unprecedented levels of control and an instant interface with AMX Resource Management Suite Software. This gives users the ability to cost effectively control equipment and devices while also being able to monitor and maintain it and schedule connected rooms using RMS.

BENEFITS

- Complete Solution – Simply add the Novara 3000 ControlPad to an Enova AVX Cat5 Presentation Switcher for a complete A/V solution with a keypad/controller, A/V switching, microphone mixing and amplification
- Simple device configuration
- Ethernet port allows device configuration from a central location and enables the ControlPad to be part of a larger RMS installation

QUICK FACTS NOVARA 3000 CONTROLPADS

Button Type	Feedback Indicator	Size/ Backbox Type	Dimensions (HWD)
PRINTED	BLUE BACKLIT BUTTONS (6-BUTTON) RGB BACKLIT BUTTONS (8 & 17-BUTTON)	SINGLE GANG (US, UK, EU,) TWO GANG (US, UK, EU), FOUR GANG (US)	VARIES BY MODEL

*Metric dimensions available at AMX.com

FOR THE NOVARA 3000 SERIES

IR REMOTE CAPABILITY:

The new CP-RC01 infrared remote control offers convenient, in-room control of the 8- and 17-button Novara 3000 Series.

POWERED BY POE:

The new PS-PoE-EX0.9 Power Over Ethernet (PoE) Extractor simplifies Novara 3000 Series installs and eliminates long power cable runs. Power is extracted from the data cable coming from a PoE-enabled Switch such as the new AMX NXA-ENET8-2PoE Gigabit PoE Ethernet Switch.

NOVARA 3000 SERIES FAMILY

OPTIONS

ORIENTATION:

PORTRAIT, LANDSCAPE (MODELS VARY)

LOCATION:

WALL, FLUSH-MOUNT, TABLE TOP

NAVIGATION:

6, 8 OR 17 PUSHBUTTONS, ROTARY VOLUME KNOB (8 & 17 BUTTONS)

COLORS:

BLACK, WHITE, ALUMINUM



NOVARA 17-BTN+NAV+TR.
4-GANG CONTROLPAD



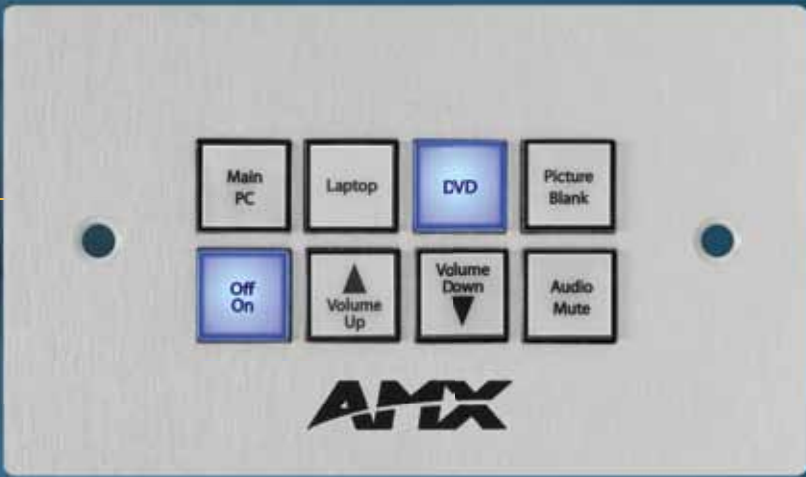
NOVARA 17-BTN+NAV.
2-GANG CONTROLPAD



NOVARA 8 BUTTON
CONTROLPAD



NOVARA 6 BUTTON
CONTROLPAD



Buttons Your Way
Includes acetate sheet with 50 pre-cut button label inserts for easy, cost effective labeling.

Control Ports
One IR, two relays and one RS-232

Intuitive Operation
Blue, backlit buttons with programmable feedback for intuitive operation.

8 or 16
Extremely user-friendly ControlPads feature your choice of 8 or 16 assignable device/function buttons – perfect for simpler installations.

NOVARA 1000 SERIES

Device Control Ideal for Education

Looking for simplified device control that combines just the right mix of ease of use, programming simplicity and cost effectiveness? You've found it with Novara 1000 Series ControlPads, which are ideal for education and other cost-sensitive markets that need functional and reliable device and room control. Novara offers the ability to easily control presentation devices such as projectors, projection screens, video displays and other audio visual equipment, as well as a variety of serial or IR-controllable devices like lighting and window treatments.

BENEFITS

- Ideal for customers needing a cost-effective interface with onboard device control
- Straightforward installation offers many mounting locations
- Simple programming

QUICK FACTS NOVARA 1000 CONTROLPADS

Button Type	Feedback Indicator	Compatible Baud Rates	Dimensions (HWD)
PRINTED	BLUE BACKLIT BUTTONS WITH PROGRAMMABLE FEEDBACK	1200 - 115200	VARIES BY MODEL

*Metric dimensions available at AMX.com

A CLOSER LOOK

STANDALONE NETLINK KEYPAD:
NOVARA WITH AXLINK
Novara AxLink KeyPads are also available to directly interface with NetLink Controllers as a standalone user KeyPad. They feature an 8- or 16-button layout and integrated AxLink interface. These extremely versatile KeyPads can also be used as a support device to extend control of Novara ControlPads.



CP-1016-TR-US

NOVARA 1000 SERIES FAMILY

OPTIONS

ORIENTATION:

PORTRAIT, LANDSCAPE (MODELS VARY)

LOCATION:

WALL, FLUSH-MOUNT, TABLE TOP

NAVIGATION:

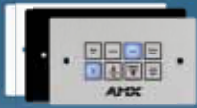
8 OR 16 PUSHBUTTONS

COLORS:

BLACK, WHITE, BRUSHED ALUMINUM



CP-1016-TR UK



CP-1008 EU



CP-1008 UK

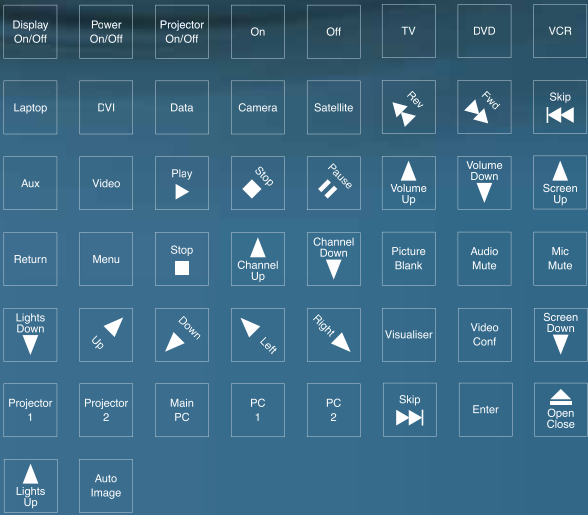


CP-1008 US

comparison

Whatever the Function, Novara Has the Button

Novara ControlPads and KeyPads include your choice of 50 clear acetate button label inserts. Simply punch out the button labels from the acetate sheet and insert them into the Novara hard button, and press onto the front of the ControlPad or KeyPad.



Devices

- Aux
- Camera
- Data
- DVD
- DVI
- Laptop
- Main PC
- PC 1
- PC 2
- Projector 1
- Projector 2
- Satellite
- TV
- VCR
- Video
- Video Conf
- Visualiser

Device Action

- Auto Image
- Audio Mute
- Channel Up
- Channel Down
- Display On/Off
- Lights Up
- Lights Down
- Mic Mute
- On
- Off
- Open Close
- Picture Blank
- Power On/Off
- Projector On/Off
- Screen Up
- Screen Down
- Volume Up
- Volume Down

Transports

- Stop
- Rev
- Play
- Fwd
- Pause
- Up
- Left
- Enter
- Right
- Down
- Menu
- Return
- Skip Back
- Skip Forward
- Stop

CONTROLPADS & KEYPADS COMPARISON CHART

	BACK BOX SIZE				BUTTONS								CONTROL INTERFACES								MOUNTING				FEATURES						
	US	UK	EURO		4	6	8	12	16	16 (Transp.)	17	24 (Transp.)	24 (2 Transp.)	IR	Relay RS-232	I/O	AsLink	X-Port	Feedback	Ethernet	Wall	Rack	Black	White	Aluminum	Rotary Volume Knob	Navigation Pad	Multi-Color Buttons			Port & Land Orient
1000 SERIES																															
CP-1000 SERIES - US																															
CP-1000 SERIES - UK																															
CP-1000 SERIES - EU																															
3000 SERIES																															
CP-3006																															
CP-3008																															
CP-3017-NA																															
CP-3017-IR																															
KEYPADS																															
SP-AXLINK KEYPADS - US																															
SP-AXLINK KEYPADS - UK																															
SP-AXLINK KEYPADS - EU																															
SP-2000 SERIES - UK																															
SP-2000 SERIES - EU																															
1- Does not fit standard size back box 2- Specific button layout designed for transport area																															

1 - Does not fit standard size back box. 2 - Specific button layout designed for transport area

control phone interface

Power over Ethernet
Onboard PoE reduces installation costs by removing the need for a local power supply

Leverages Existing Infrastructure
Integrates with existing touchscreens on Cisco IP Phones to provide control

Cost-Effective
Extremely affordable option for adding control to conference rooms

Instant Transformation
Instantly transforms Cisco IP Phones to Modero Virtual Touch Panels (Cisco CP-7965G phone interface shown)



NXV-CPI | CONTROL PHONE INTERFACE

Control Your AMX from Cisco™ IP Phones

A true meeting of the minds, the NXV-CPI brings the beautifully simple capabilities of AMX control to the legendary performance of Cisco IP Phones, transforming them into Modero Virtual Touch Panels. Leveraging the existing touch screen of Cisco phones, the NXV-CPI adds control of lights, shades and other equipment and is ideal for users with conference rooms with existing Cisco IP phones that want to integrate AMX control into the room.

DEALER BENEFITS

- Low Cost Conference Room Solution – Offer clients a cost-effective entry point to controlling entry level conference rooms with the ability to pull through additional equipment
- Easy to Setup - Simply browse to the NXV-CPI's Web page, label the button and add NetLinX control command
- Easy to Install – Rack mountable

QUICK FACTS CONTROL PHONE INTERFACE

Wired / Wireless	Communication	Power	Dimensions (HWD)	Memory + Storage
WIRED	ETHERNET	POWER OVER ETHERNET (POE)	1 5/8" x 5 1/2" x 4"	64 STD 256 FLASH

*Metric dimensions available at AMX.com

A CLOSER LOOK

SIMPLIFIED UNIFIED CONTROL
Four ways to interface with Cisco phones include using the touch screen, cursor buttons, soft keys or keypad – any way you want to control it, we have you covered.



CP-7965G
CP-7975G

IP PHONE CONTROL FAMILY

OPTIONS

LOCATION:

TABLE, RACK-MOUNT

COMPATIBLE CISCO PHONES:

CP-7965G
CP-7975G



MODERO NXV-CPI

Check the Hours
Right from your laptop, you can check the number of remaining lamp hours on your client's pool lighting so you can change lights before they go out.

PC or Mac
With either a PC or Mac, simply navigate over the Internet to the NXV-300. Login with a username/ password and your touch panel interface appears on the screen and is viewable in two resolutions, 800x480 and 480x272.



Remote Diagnostics
Diagnose issues with the client's pool/ spa heaters remotely using Resource Management Suite and the NXV-300.

Point to Touch
To navigate your Touch Panel screens, use the PC's mouse and screen pointer to touch buttons and sectors of the touch panel to initiate actions just like touching the touch panel.

MODERO NXV-300 | VIRTUAL TOUCH PANEL

Power and Functionality WITHOUT the Panel

When you need the intelligence and ease of use that only a touch panel can offer but from remote locations, this small rack-mountable device allows you to access NetLinX Control systems from any PC or Mac via Virtual Network Connection (VNC).

DEALER BENEFITS

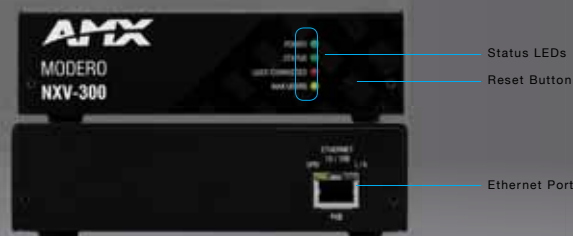
- Provides ability to remotely control the AMX system for support
- Easy to Install – Rack Mountable
- Great way to introduce budget-sensitive customers to the possibilities of control.

QUICK FACTS VIRTUAL MODERO

Wired / Wireless	Communication	Power	Dimensions (HWD)	Memory + Storage
WIRED	ETHERNET	POWER OVER ETHERNET (POE)	1 5/8" x 5 1/2" x 4"	64 STD 256 FLASH

*Metric dimensions available at AMX.com

A CLOSER LOOK



VIRTUAL MODERO FAMILY

OPTIONS

LOCATION:

TABLE, RACK-MOUNT

EXTERNAL BUTTONS:

NONE

COLORS:

BLACK



MODERO NXV-300

Why digital?

DVI is becoming the standard in computer video applications. DVI provides a brilliant picture every time by eliminating the chance of blurred images, edges and loss of brightness due to common analog video bandwidth loss. And, inherently DVI provides accurate transmission of source image color information providing true colors every time.

Includes New & Improved

TakeNote!
Embedded

Annotate directly over any video source including your PC – straight out of the box. No additional PC applications needed.



TOTAL PRESENTATION INTERFACE | TPI-PRO-DVI-4

The Perfect Answer to Every Presenter's Dreams

Whether you're looking for the most versatile presentation system for a boardroom or classroom, the new TPI-DVI can display up to four images while providing the ability to preview, select and annotate directly on any overlay touch panel.

DEALER BENEFITS

- **Both Analog or Digital** – Displays and converts multiple video and computer sources supporting DVI-I, RGB, Component, S-Video, Composite and VGA
- **Apple and Microsoft** – simultaneously control up to any combination of four computers saves space and reduces the need for additional equipment
- **Integrated KVM Switch** – for keyboard and mouse

A CLOSER LOOK



- **Embedded Annotation** – with TakeNote Embedded™ now you can annotate right over any video source (including your PC) without the need for any additional PC application. So presenters can write or draw on any of the live video images or a still picture, and annotations can be saved as JPEGs for later use

PRESENTATION INTERFACE FAMILY

OPTIONS

OF INPUTS:

2 AND 4

DIGITAL

INPUTS:

COMPOSITE, S-VIDEO, COMPONENT, RGB AND DVI-I

2 OUTPUTS:

DVI-I UP TO 1920x1200 AT 60 Hz



TPI-PRO-DVI-2 / TPI-PRO-DVI-4

**At Your Beck And Call**

To better illustrate an idea to your clients, you remember a PowerPoint slide you created but it's on your laptop. Just touch "PRESENT" to instantly close the drapes, lower the projection screen and switch your projector's video input to display your laptop's output.

Integrated Intercom

Forgot last month's sales numbers on your desk? Just call your executive assistant via the integrated intercom to bring them in to you.

**On The Fly**

In addition to unlimited touch control, it's nice to have the ability to make quick, on the fly adjustments with the integrated navigation wheel like increasing the volume of your audio conference or fading up the lights.

Set It Up

Easily access master preset modes for various activities and devices such as cameras and audio conferencing.

MODERO VIEWPOINT 5200i | 5.2" WIDESCREEN

Full Functionality, Handheld Convenience

The MVP-5200i and MVP-5150 are ideal for any environment, where you want secure wireless control. The MVP-5100 is perfect for secure government and military environments where only IR communications are allowed and wireless communications are not permitted. Where permitted, wireless communications remain secure using WEP, WPA, WPA2, EAP-TLS, EAP-TTLS and PEAP network security standards.

DEALER BENEFITS

- MVP-5200i - Offer to end users wanting intercom/telephone or distributed audio control
- MVP-5150 - Low cost alternative to the MVP-5200i for users still wanting 802.11 wireless
- MVP-5100 - IR only for easy setup

QUICK FACTS 5.2" MODERO

Wired / Wireless	Screen Ratio	Screen Resolution	Dimensions (HWD)	Intercom + Phone	Video Capability	Memory + Storage	ENERGY SAVINGS
WIRELESS	16 x 9 WVGA	800 x 480	4 3/4" x 7 9/16" x 13/16"	MVP-5200i	FULL MOTION** / DYNAMIC	128 STD 256 FLASH	80%***

*Metric dimensions available at AMX.com **Full Motion video capability available on the MVP-5200i only
***Energy savings is an estimated value based on integration of RMS and Smart Programming

A CLOSER LOOK

WALL CHARGING STATION:

MVP-WCS-52

CUT-IN DIMENSION (HV):

8 5/16" x 5 11/16" (21.1 cm x 14.4 cm)

OTHER FEATURES:

- SECURITY LATCH AND SECURITY RELEASE PUSHBUTTON
- CAN BE USED WITH OR WITHOUT ROUGH-IN BOX

**5.2" MODERO FAMILY****TOUCH PANEL OPTIONS****ORIENTATION:**

LANDSCAPE

LOCATION:

HANDHELD, TABLE, WALL

EXTERNAL BUTTONS:

NAVIGATION WHEEL WITH 5-WAY DIRECTIONAL BUTTONS (MVP-5200i)

COLORS:

HIGH GLOSS BLACK, WHITE (MVP-5200i)



MODERO MVP-5200i



MODERO MVP-5150



MODERO MVP-5100

TV on Demand!

Press "Watch" and a motorized lift instantly raises a 42" LCD Display into place at the end of your hotel room bed and automatically tunes to the Channel Guide.



Easily Close Room Drapes

When you're on the road and really need sleep, total darkness is the only answer. With a touch, your hotel room's motorized drapes close and your lights go out.



MODERO 700i | 7" WIDESCREEN

Your "Do Not Disturb" Sign

Press "Do Not Disturb" before going to bed and you'll sleep peacefully as a new privacy notice is displayed on your Metreau Entry Communicator.

Select Channels By Logo

There's no need to know the number of the channel you want to watch. To watch CNBC, just visually locate the CNBC logo on your panel and press it. Satellite Radio is just as simple to listen to.

Perfect Companion for Entry Communications

An incredibly versatile user interface, combining a sleek, compact size, Wall/Flush Mount flexibility and optional 802.11g wireless communications as well as choice of bezels – with or without tactile buttons. The 7" Modero is ideal for hotels and a wide range of commercial applications.

DEALER BENEFITS

- For users interested in adding Metreau Entry Communicators outside hotel room doors or outside classrooms, the 7" Modero can create an instant added revenue stream as the ideal interface for greeting/viewing visitors using the touch panel
- Assists in attracting a larger customer base by making it simple to add an intercom network for businesses
- Rapid Project Maker (RPM) compatible

QUICK FACTS 7" MODERO

Wired / Wireless	Screen Ratio	Screen Resolution	Dimensions (HWD)	Intercom + Phone	Video Capability	Memory + Storage	ENERGY SAVINGS
WIRED	16 x 9	800 x 480	5 15/16" X 7 7/8" X 3 1/4"*	NXD-700Vi	FULL MOTION	64 STD 512 FLASH	73%**

*Dimensions for NXD-700i only. See AMX.com for NXT-CA7 dimensions and metric dimensions for both
**Energy savings is an estimated value based on integration of RMS and Smart Programming

A CLOSER LOOK

ROUGH-IN/WALLBOX:

CB-TP7

CUT-IN DIMENSION (HV):

7 1/8" x 5 3/8" (18 cm x 13.5 cm)

OTHER FEATURES:

- ALLOWS DIRECT MOUNTING TO STUDS/PRE-WALL
- INCLUDES WALL BOX AND MOUNTING SCREWS



7" MODERO FAMILY

TOUCH PANEL OPTIONS

ORIENTATION:

LANDSCAPE

LOCATION:

TABLE TOP OR WALL

EXTERNAL BUTTONS:

1 OR 3

COLORS:

BLACK, WHITE, SILVER



MODERO NXD-700i
BLACK/WHITE 1 BUTTON



MODERO NXD-700i
SILVER 1 OR 3 BUTTON



MODERO NXT-CA7



Cisco Certified Wireless
Features Cisco CCXv4
certified wireless security,
ideal for government,
financial and other secure
installations.



You Make the Call
With integrated telephone
and intercom capability,
easily place and receive
telephone or intercom calls
down the hall or around
the globe.



Touch and Go

The convenient capacitive
navigation pad offers
simplified up, down, right
and left navigation just by
touching the direction you
would like to go in.

The Whole Nine Yards

With a full nine inches of
touch screen real estate
and integrated full motion
video, multi-window
videoconferencing is easy to
see and control.

MODERO VIEWPOINT 9000i | 9" WIDESCREEN

The Choice Is Simple: Wired & Wireless

The all new MVP-9000i combines the speed and security of a Power over Ethernet (PoE) wired connection with the freedom of an 802.11 a/b/g wireless connection by simply removing the panel from the docking station. Integrated telephone/ intercom calling, expansive 9" widescreen display and gesturing and page transitions make this one of our most versatile touch panels.

DEALER BENEFITS

- Leave your PC at home and easily update your customer's firmware or transfer new touch panel pages directly from a micro-SD or USB stick
- Antenna diversity improves wireless reliability by integrating two antennas that smartly switch to the strongest signal, which ultimately decreases the number of lost connections and unhappy end users
- Rough-in box (optional) can be mounted in drywall, concrete, brick and a variety of uneven or solid surfaces

QUICK FACTS 9" MODERO

Wired / Wireless	Screen Ratio	Screen Resolution	Dimensions (HWD)	Intercom + Phone	Video Capability	Memory + Storage	ENERGY SAVINGS
PoE WIRED/ 802.11 A/B/G WIRELESS	16 x 9	800 x 480	7 5/8" x 11" x 1 1/16"	YES	FULL MOTION JPEG	256 STD 1.1GB FLASH	80%**

*Metric dimensions available at AMX.com

**Energy savings is an estimated value based on integration of RMS and Smart Programming

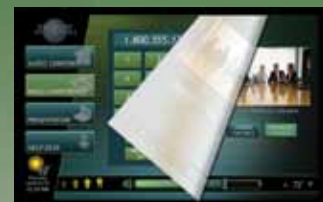
A CLOSER LOOK

FLIP IT!

Now with a simple swipe of the screen,
users can "gesture" from page to page,
just like turning the pages of a book.

SPEAKING YOUR LANGUAGE

We added several international fonts to the user interface including right to left languages such as Arabic. A combination of language styles can be used and this enhancement is available now through a new firmware enhancement for the MVP-9000i, MVP-9200i and additional touch panels will be available soon.



9" MODERO FAMILY

TOUCH PANEL OPTIONS

ORIENTATION:

LANDSCAPE, PORTRAIT

LOCATION:

HANDHELD, TABLE, WALL

EXTERNAL BUTTONS:

4 PROGRAMMABLE CAPACITIVE BUTTONS

WITH ON-SCREEN FLY OUT LABELS, 1

CAPACITIVE NAVIGATION PAD

COLORS:

BLACK, WHITE



MODERO MVP-9000i



WALL CHARGING STATION
Also available in white



TABLE CHARGING STATION
Also available in white

moderoXseries



Leveraging an Intuitive Human Experience with Ergonomic Technology

Human Technology isn't a new concept. In fact, human technology dates as far back as the Neolithic Age beginning about 9500 BC. Throughout history, man has designed tools to accomplish one fundamental goal - simplify. When you get right down to it, the most innovative tools find a unique way of combining form and function. We call that Simply Beautiful, Beautifully Simple - leveraging an intuitive human experience with truly ergonomic technology.

A CLOSER LOOK

- **Edge-2-Edge Glass** – The frameless/bezel-less glass control surface contributes to the timeless, sophisticated design of the Modero X Series panoramic touch panels.
- **Perfect From Any Angle** – Includes IPS (in-plane switching), the latest technology in popular tablet/mobile devices that delivers the widest viewing angles and the most accurate color reproduction on the market.
- **Graphic Leaps & Bounds** – Includes intuitive functionality including: gesturing, swiping, and enhanced animation capabilities.
- **Promote Future Technologies** – The Modero X Series Touch Panels are hardware-ready to support Near Field Communication (NFC) technologies. NFC promises to provide a set of short-range wireless technologies that will deliver peer-to-peer communication by 'sharing, pairing and transaction' between RF devices – like exchanging data/identities.
- **Panoramic Proportions** – The panoramic touch panels are available in both a 20.3" measuring an impressive 18.7" long by 7.75" tall and utilizing over 145 square inches of usable control surface, and a 19.4" measuring an equally impressive 18.7" wide by 5.15" tall and utilizing over 96 square inches of usable control surface.

NEW

multi preview accessories

moderoX



Preview the Perfect Meeting: Visually Select from up to 10 Input Sources

The Multi Preview (MXA-MP) and Multi Preview Live (MXA-MPL) simplify the perfect meeting user experience by giving presenters an easy way of identifying and selecting the video they want from up to 10 source devices. Users no longer have to guess what video is being output from what source. Instead, they simply choose from a row of preview images (selected image can be converted to an HD video stream with the MXA-MPL) on their Modero X Series touch panel. So instead of guessing what's on "PC1", they can touch an easily recognized source image and have it immediately show onscreen.



MODERO X SERIES MXA-MP | MULTI PREVIEW
MODERO X SERIES MXA-MPL | MULTI PREVIEW LIVE

QUICK FACTS MULTI PREVIEW

Model	Video Preview Images	Communications	Dimensions (HWD)	Active Video Streams
MULTI PREVIEW (MXA-MP)	10	ETHERNET	1 9/16" x 8 1/4" x 7 3/16"	0
MULTI PREVIEW LIVE (MXA-MPL)				1

DEALER BENEFITS

- Perfect your clients' meeting presentations even further with a simple and more visually effective way of selecting video input sources for displaying during meetings
- For the most accurate preview point of source video being output the MPA-MPL offers the ability to view a live HD video stream being output from the source

MULTI PREVIEW FAMILY

OPTIONS

LOCATION:
RACK, TABLE

INPUTS:
1 DVI-I MULTI-FORMAT VIDEO, 1 1/8TH-INCH MINI-JACK AUDIO

OUTPUTS:
1 HDMI PREVIEW VIDEO

COLOR:
BLACK



MODERO X SERIES MULTI PREVIEW



MODERO X SERIES MULTI PREVIEW LIVE

NEW

voip handset
accessories

moderorX

Panoramic Telephony:
Bluetooth Handset Adds
Calling Capability

The Bluetooth Headset (MXA-HST) expands the capabilities of Modero X Series Touch Panels even further by transforming them into fully featured VoIP (Voice Over Internet Protocol) telephones. Now, in addition to controlling the environment and managing the meeting, users can also make phone calls right from the touch panel and enjoy all of the extended features and calling capabilities of VoIP.

The Handset's sleek styling complements the look and feel of Modero X Series Touch Panels and it includes a wide range of VoIP telephony features including last number redial and call reject. It works in conjunction with the Modero X Series Bluetooth USB Adapter and ships with a charging base, designed to plug into an unused USB port of the touch panel.

DEALER BENEFITS

- Offers customers the convenience of adding wireless telephone calling capability to any room with a Modero X Series Touch Panel without having to install additional telephone wiring or other equipment
- As a VoIP handset, gives customers many added calling features not typically found on traditional telephones
- Complements the look and styling of customer's Modero X Series Touch Panels with an accessory that sounds and functions as great as it looks



MODERO X SERIES MXA-HST | BLUETOOTH HANDSET

BLUETOOTH HANDSET FAMILY

OPTIONS

LOCATION:

MOBILE

INTEGRATION:

WIRELESS WITH BLUETOOTH USB
ADAPTER

COLOR:

BLACK



MODERO X SERIES BLUETOOTH HANDSET



CHARGING BASE

MODERO X SERIES BLUETOOTH HANDSET IN
CHARGING BASE/STANDBY MODE

20.3" / 19.4" moderoX

PANORAMIC TABLES



MODERO X SERIES 2000XL | 20.3" PANORAMIC

MODERO X SERIES 1900L | 19.4" PANORAMIC

Putting an X in INNOVATION?

This unique panoramic control surface lets the user interact with the technology in a whole new way. Traditional user experiences left the user digging thru layers or navigating linear progressions to perform activities. Now users have the control space on the touch panel to perform activities much in the same way they use a computer or mobile device – multi-tasking. Dedicate one space on the control surface for previewing video and a second space for device control, all while having full access to room settings and more.

DEALER BENEFITS

- Offer New Innovative Designs - The frameless/bezel-less glass control surface contributes to the timeless, sophisticated design of the Modero X Series panoramic touch panels. The capacitive, multi-touch display offers more usable control surface space than any table top touch panel on the market today, with a new lower profile designed specifically to eliminate obstructive views.
- Promote Future Technologies - The Modero X Series Touch Panels are hardware-ready to support Near Field Communication (NFC) technologies. NFC promises to provide a set of short-range wireless technologies that will deliver peer-to-peer communication

QUICK FACTS 20" PANORAMIC TABLE MODERO X SERIES

Wired / Wireless	Screen Ratio	Screen Resolution	Dimensions (HWD)	Intercom + Phone	Video Capability	Memory + Storage	ENERGY SAVINGS
WIRED	12 x 5	1920 x 800	9 3/16" x 20 3/8" x 5 7/8"	YES	FULL MOTION	512 STD 4 GB FLASH	79%**

*See AMX.com for other 20" Panoramic Table Modero X Series model dimensions and all metric dimensions

**Energy savings is an estimated value based on integration of RMS and Smart Programming

QUICK FACTS 19" PANORAMIC TABLE MODERO X SERIES

Wired / Wireless	Screen Ratio	Screen Resolution	Dimensions (HWD)	Intercom + Phone	Video Capability	Memory + Storage	ENERGY SAVINGS
WIRED	32 x 9	1920 x 530	6 7/8" x 20 3/8" x 11/16"	YES	FULL MOTION	512 STD 4 GB FLASH	80%**

*See AMX.com for other 19" Panoramic Table Modero X Series model dimensions and all metric dimensions

**Energy savings is an estimated value based on integration of RMS and Smart Programming

by 'sharing, pairing and transaction' between RF devices – like exchanging data/identities.

- Available in 2 Distinct Sizes - The panoramic table tops are available in both a 20.3" with an impressive viewable area of 18.7" long by 7.75" tall and providing over 145 square inches of usable control surface, and a 19.4" with an equally impressive viewable area of 18.7" wide by 5.15" tall and providing over 96 square inches of usable control surface.

MODERO X SERIES FAMILY

OPTIONS

ORIENTATION:

PORTRAIT AND LANDSCAPE

LOCATION:

TABLE, WALL

EXTRAS:

MULTI-TOUCH, LIGHT/MOTION SENSOR, INTEGRATED CAMERA, SPEAKERS/MIC, BLUETOOTH SUPPORT, NFC-READY

COLOR:

BLACK



20" & 19" PANORAMIC TABLE



20" & 19" PANORAMIC WALL



20" & 19" PANORAMIC WALL

20.3" / 19.4" moderoX

PANORAMIC WALLS



MODERO X SERIES 2000XL | 20.3" PANORAMIC



MODERO X SERIES 1900L | 19.4" PANORAMIC

QUICK FACTS 20" PANORAMIC WALL MODERO X SERIES

Wired / Wireless	Screen Ratio	Screen Resolution	Dimensions (HWD)	Intercom + Phone	Video Capability	Memory + Storage	ENERGY SAVINGS
WIRED	5 x 12	800 x 1920	9 1/2" x 20 3/8" x 11/16"	YES	FULL MOTION	512 STD 4 GB FLASH	79%**

**Energy savings is an estimated value based on integration of RMS and Smart Programming

QUICK FACTS 19" PANORAMIC WALL MODERO X SERIES

Wired / Wireless	Screen Ratio	Screen Resolution	Dimensions (HWD)	Intercom + Phone	Video Capability	Memory + Storage	ENERGY SAVINGS
WIRED	9 x 32	530 x 1920	6 7/8" x 20 3/8" x 11/16"	YES	FULL MOTION	512 STD 4 GB FLASH	80%**

**Energy savings is an estimated value based on integration of RMS and Smart Programming

MODERO X SERIES FAMILY

OPTIONS

ORIENTATION:

PORTRAIT AND LANDSCAPE

LOCATION:

TABLE, WALL

EXTRAS:

MULTI-TOUCH, LIGHT/MOTION SENSOR, INTEGRATED CAMERA, SPEAKERS/MIC, BLUETOOTH SUPPORT, NFC-READY

COLOR:

BLACK



20" & 19" PANORAMIC TABLE



20" & 19" PANORAMIC WALL



20" & 19" PANORAMIC WALL



The Perfect Compliment

The largest of the traditional 16:9 widescreen Modero X Series touch panels, the 10.1" is the perfect complement to the X Series family. Available in table top, portrait wall or landscape wall models, this touch panel offers versatility for many rooms and when mounted outside a conference space is ideal for scheduling and communications purposes. The 10.1" will offer the same lightning fast processor, brilliant graphics and enhanced capabilities that will be synonymous with the Modero X Series name.

DEALER BENEFITS

- Attract More Corporate Customers – The elegant design and simple beauty of the Modero X Series will create demand from both new and current customers
- Address Unique Requirements – With a long, low profile, edge-to-edge glass and capacitive touch, the Modero X Series Touch Panels provide dealers with a control surface that is unobtrusive and simple to use.
- Differentiate Yourself – The Modero X Series offers design and technology features unmatched in the industry

QUICK FACTS 10" MODERO X SERIES

Wired / Wireless	Screen Ratio	Screen Resolution	Dimensions (HWD)	Intercom + Phone	Video Capability	Memory + Storage	ENERGY SAVINGS
WIRED	16 x 9 (TABLE) 9 x 16 (WALL)	1280 x 800 (TABLE) 800 x 1280 (WALL)	6 7/8" x 9 7/8" x 4 7/8" (TABLE) 6 11/16" x 9 7/8" x 2 5/8" (WALL)	YES	FULL MOTION	512 STD 4 GB FLASH	83%**

**Energy savings is an estimated value based on integration of RMS and Smart Programming

A CLOSER LOOK

FRAMELESS MULTI-TOUCH OVERLAY.
THE DISTINCTIVE, LOW-PROFILE DESIGN
BLENDS INTO ANY ENVIRONMENT WITH
MULTI-TOUCH CAPACITIVE TOUCH GLASS
THAT BLEEDS STRAIGHT OFF THE EDGE.



MODERO X SERIES FAMILY

OPTIONS

ORIENTATION:
PORTRAIT AND LANDSCAPE

LOCATION:
TABLE, WALL

EXTRAS:
MULTI-TOUCH, LIGHT/MOTION SENSOR,
INTEGRATED CAMERA, SPEAKERS/MIC,
BLUETOOTH SUPPORT, NFC-READY

COLOR:
BLACK



MODERO X SERIES 1000

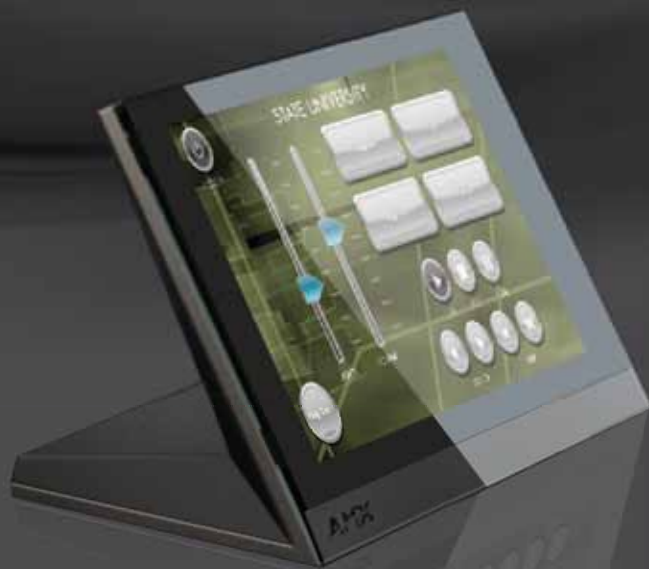


MODERO X SERIES 1000



MODERO X SERIES 1000

7" and 4.3" moderoX



Rounding Out The Family

This set of mid-size widescreen touch panels round out the Modero X Series family. Ideal as a second means of control in large spaces or the primary control interface in smaller spaces, these touch panels offer the same lightning fast processor, brilliant graphics and enhanced capabilities that will be synonymous with the Modero X Series name.



MODERO X SERIES 700 | 7" WIDESCREEN



MODERO X SERIES 430 | 4.3" WIDESCREEN

DEALER BENEFITS

- **Entryway to Education** — These mid-size touch panels are just the right size for classrooms and podiums and offer dealers the right panel size to sell to K-12 and Higher Education
- **Scheduling Assistant** — Offers clients a simply beautiful and beautifully simple option for adding room scheduling capabilities outside conference rooms
- **Rapid Project Maker (RPM) Compatible** — Allows rooms to be installed and programmed using RPM, a quick and easy, wizard-based installation tool

MODERO X SERIES FAMILY

OPTIONS

ORIENTATION:

PORTRAIT AND LANDSCAPE

LOCATION:

TABLE, WALL

EXTRAS:

MULTI-TOUCH, LIGHT/MOTION SENSOR,
PoE ENABLED, BLUETOOTH SUPPORT,
NFC-READY

COLOR:

BLACK



MODERO X SERIES 700



MODERO X SERIES 700



MODERO X SERIES 430

TOUCH PANELS SPECS / CAPABILITIES COMPARISON CHART

[illegible]

NEW

modero

Mio Modero® R-Series Remote Controls

REMOTE CONTROL COMPARISON CHART

	R-1	R-2	R-4
SIGNAL TRANSMISSION TYPE	IR	IR/418 MHz & 433 MHz RF	2.4 GHz ZigBee Pro
NUMBER OF REMOTES ALLOWED WITHIN SAME AREA	Multiple ¹	2 per area (radius of 100 ft)	Unlimited
SIGNAL TRANSMISSION CAPABILITY	One-Way	One-Way	Two-Way
INDOOR SIGNAL TRANSMISSION RANGE ¹	Line of Sight	100 feet	165 feet (extendable with Repeaters)
LCD DISPLAY	One Blue text line	One Blue text line	2.4"/16-bit color Active Touch Scrolling text Dynamic lists
NUMBER OF CONTROLLABLE DEVICES	6	6	Unlimited
RECHARGABLE LITHIUM-ION BATTERIES	Optional	Optional	Standard
EUROPEAN OVERLAY W/SKY TV CAPABILITY	Fast Text w/ Numeric	Fast Text w/ Numeric	Fast Text w/ Transports
AVERAGE USE TIME BETWEEN CHARGES	4 weeks	4 weeks	1 week
CHARGING CRADLE COMPATIBLE	Optional ²	Optional ²	Standard

- 1 - All use the same IR codes
- 2 - Requires optional rechargeable battery pack
- 3 - Varies depending on environmental conditions

Mio Modero®/ Metreau Series Keypads

KEYPAD COMPARISON CHART

	SIZES¹			BUTTONS		COLORS		OTHER FEATURES				
	Decora-Style²	Single Style	Double Style	Maximum Button Count	Button Type	Feedback Indicator	Colors	LCD	Vulfo In-earcom / SP Telephone	Standard European Back Box³	New Wheel	Table Top Stand
METREAU 6 BUTTON	S			6	Printed	Button Light	Black, White, Light Almond				•	0
METREAU 7 BUTTON	S			7	Printed	Button Light	Black, White, Light Almond					0
METREAU 13 BUTTON	S			13	Printed	Button Light	Black, White, Light Almond					0
METREAU ENTRY COMMUNICATOR WITH DISPLAY			C	1		QLED, Button Light	Black, White, Antique Brass, Stainless Steel		•			
METREAU ENTRY COMMUNICATOR			C	1		Button Light	Black, White, Polished Brass, Antique Brass, Stainless Steel, Brushed Pewter		•			
VIEWSTAT			S	3	Printed	TFT Display	White (paintable)	•				

1 - S= Standard Back Box, C = Custom AMX Back Box Required
2- Custom Printed Labels insert into each button for easy labeling.
3- An optional extension plate is available to cover wider back boxes found in some countries.
4- Wallplates sold separately
o- Optional

1 - S = Standard Back Box. C = Custom AMIX Back Box Required
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