

HIGH PERFORMANCE SIGNAL ROUTING **SIMPLIFIED.**



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AMX

AUTOPATCH MATRIX SWITCHERS

MATRIX SWITCHERS

With three basic matrix switching platforms to choose from: fixed, mix-and-match, and modular, selecting the right matrix switcher is a breeze.

FIXED

Fixed systems are comprised of a single video style, with audio, in a fixed input / output range. These cost-effective, "off-the-shelf" units pack the same high-performance specifications as our larger lines and are ready for immediate delivery.

MIX-AND-MATCH

Mix-and-match systems start with a list of boards, and allow you to combine them in the enclosure in any combination (as space allows), or in multiple linked enclosures. The benefit? Each board is really a stand alone mini matrix switcher and when combined in a common system save rack space, consolidate power, and maintain a single control view allowing for groupings, macros and presets across the entire system.

MODULAR

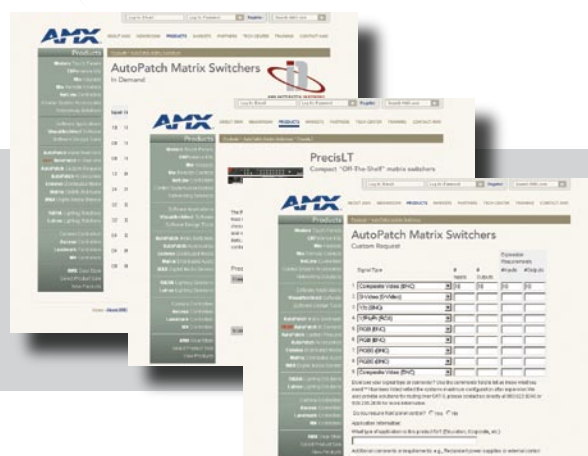
Modular systems not only allow for multiple signal types in various input / output ranges; the enclosure is part of the matrix switching system. This allows you to select input and output boards individually – you won't be forced into an I/O range that doesn't fit. For example, you can purchase a fully loaded 256x256 switcher today, or you can purchase a 16x256 and add inputs as the facility expands.

AS EASY AS 1, 2, 3

To make your selection even easier visit amx.com/autopatch and use any or all of our three simple online tools: **1)** Search our AutoPatch In-Demand list (our most popular configurations from 4x4 through 64x64), **2)** Review AutoPatch Matrix Switchers by product family or **3)** Complete our simple online Custom Configuration Request Form for a personalized response and custom quote within 24 hours.

	I/O RANGE				VIDEO SIGNALS				AUDIO		
		FIXED	MIX-AND-MATCH	MODULAR	Composite, 5-video, Y/C, 3 Component	RGBHV	DVI	SD-SDI, HD-SDI	Stereo-Audio	S/PDIF, TosLink	AES75, S/PDIF
PRECIS^{LT}	4x4, 4x8, 8x4, 8x8	X			X	X			X		X
PRECIS^{LT} WITH DSP	8x8, 18x18	X							X		
PRECIS	8x4, 8x8, 12x8	X			X	X			X		X
PRECIS^{MT}	8x4, 12x8	X			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
MODULA (32X32)	4x4 to 32x32 in increments of 4			X	X	X		X	X		X
MODULA (60X4, 4X60)	4x60 to 16x48 or 48x16 to 60x4 in increments of 4			X	X	X			X		X
MODULA SERIES4	4x4 to 32x32 in increments of 4			X	X	X			X		X
MODULA CATPRO	4x4 to 32x32 in increments of 4			X		X			X		
8Y-3000	8x8 to 64x64 in increments of 8			X	X	X			X		X
EPICA	16x16 to 256x256 in increments of 16			X	X	X			X		X
EPICA^{DB}	16x16 to 144x144 in increments of 16			X		X					

All AutoPatch Matrix Switchers come standard with a wide variety of control options, are NetLinX® and Duet compatible, provide an extensive comprehensive feature set, and superior performance specifications. For more information and specification details, please visit amx.com/autopatch.



FIXED SOLUTIONS

PRECIS LT

- Fixed, Pre-Engineered Solutions
- Up to 8x8

For lighter integrations, whether it's a single boardroom – or just a handful of destination zones – a fixed matrix switcher may be exactly what you need. Comprised of a single video style plus audio, these switchers are designed to provide a precise fit for installations with up to 8 inputs and up to 8 outputs.



Video choices include RGBHV (HD-15), S-video (4-Pin Din), Y/Pb/Pr (RCA), RGB (BNC), and Composite (BNC). All models include stereo audio, audio / video breakaway, are NetLinX and Duet compatible, and can be ordered with or without a locking front control panel.

PRECIS LT W/ DSP

- Fixed, Pre-Engineered Solutions
- Up to 18x18

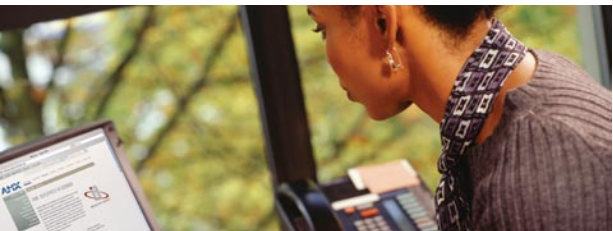
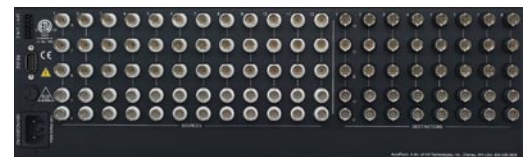
This stereo audio matrix switcher is the ideal solution for any high-end distributed audio installation including residential, house of worship and retail. Integrated 10-band equalization for each output is designed to fine tune the acoustics to suit the physical characteristics of each destination zone. Available in 8x8 or 18x18 with gold-plated RCA connections, the PrecisLT w/ DSP includes input gain control, output volume, and tone and balance control. Both models are NetLinX and Duet compatible and ship with our intuitive APGraphic EQ wizard for easy 10-band EQ adjustments during setup.



PRECIS

- Fixed, Pre-Engineered Solutions
- Up to 12x8

If you prefer RGBHV over BNC connections rather than HD-15 connections the Precis line has solutions for up to 12 inputs and up to 8 outputs. Levels provide breakaway, so the RGB portion of the signal can be used to pass a variety of other signals including composite, Y/c and RGB. All models include stereo audio, levels for breakaway, and robust features such as macros and presets. In addition, all Precis units are NetLinX and Duet compatible and can be ordered with or without a locking front control panel.



CORPORATE



SPORTS BAR



EDUCATION

MIX-AND-MATCH SOLUTIONS

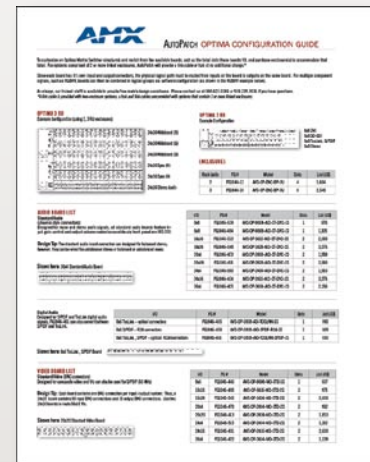
OPTIMA

- 50 Mix-and-Match Boards
- Custom and Pre-Engineered Solutions Available
- Various Mid - Size Input / Output Ranges

This unique mix-and-match style matrix switcher has more than 50 board options. Simply choose the boards that fit your integration puzzle and populate the enclosure with any combination of boards (as space allows); or link enclosures to create even larger systems. Select from boards designed to route Composite, Component, RGBHV, DVI, SD-SDI, HD-SDI, Stereo, S/PDIF and TosLink; in various mid - size input / output ranges up to 16x24, 20x20, 24x16 and 36x4.*



Visit amx.com/products/optima.asp and download our quick and simple configuration guide for a complete list of available boards.



Ideal for any mid - range installation including medical, education, corporate, government, high-end residential, retail and more; the Optima is the final piece of the puzzle that ensures signal formats retain their pure, true, form.

CATPRO COMPATIBLE

The Optima and Modula CatPro have CatPro compatible boards designed to provide integrated transmission of RGBHV and stereo over category cable – inside the enclosure.



Compatible CatPro Transmitter and CatPro Receiver modules



GOVERNMENT

RESIDENTIAL

MODULAR SOLUTIONS

MODULA

Modula, Modula CatPro, and Modula Series4

- Modular, Customizable, Field Expandable
- Custom and Pre-Engineered Solutions Available
- Up to 32x32, 4x60 and 60x4*



Our most flexible matrix switcher, the Modula has I/O boards that simply slide into place as needed to increase matrix size at the time of purchase – or later in the field. These totally customizable enclosures allow for multiple signal types in various input / output ranges. Choose from: the original Modula available in enclosures that allow up to 32 x 32; Modula skewed enclosures that allow for very uneven input / output ranges, such as 4x60, 16x48, 60x4 or 48x16; the Modula Series4 which utilizes HD-15 connections to distribute RGBHV in 1/4 the rack space; or Modula CatPro which incorporates our CatPro technology to receive, route and transmit RGBHV and stereo over category cable – right inside the enclosure.

Simply select your inputs and outputs in increments of 4 in a wide range of signal types including Composite, Y/c, S-video, Component, RGBHV, SD-SDI, HD-SDI, Mono, Stereo, Mic Audio and S/PDIF.

8Y, EPICA AND EPICA DG

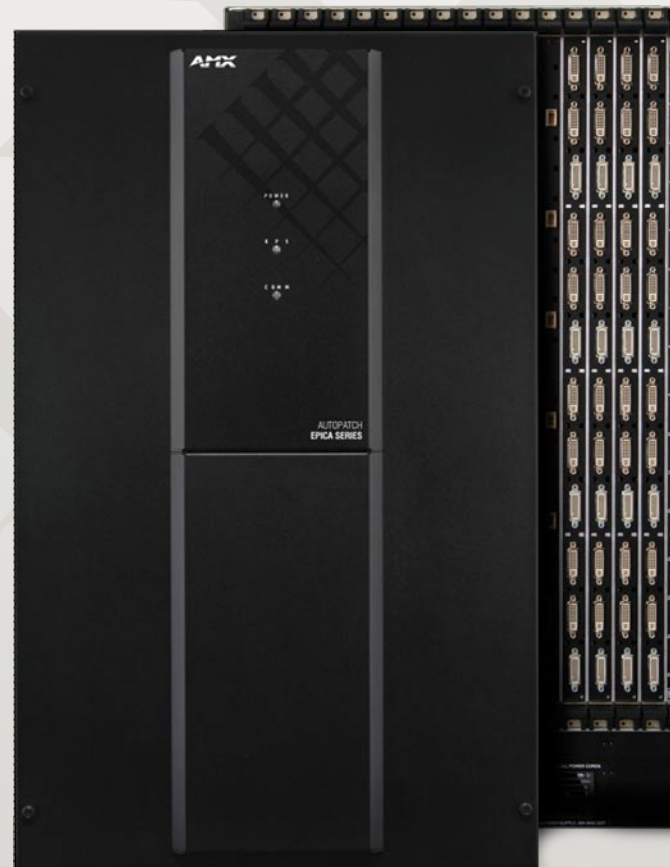
- Modular, Customizable, Field Expandable
- Custom Configurations Available
- Up to 64x64, 144x144 and 256x256*

The 8Y, Epica and EpicaDG are dependable, high-performance solutions for large signal distribution requirements. Already a trusted cornerstone in thousands of mission-critical installations around the world, the 8Y and Epica provide unmatched system specifications for matrix switchers of their size.

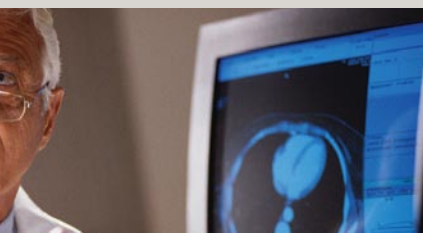
The 8Y and Epica are custom solutions that can combine multiple signal types in various input / output ranges up to 64x64 and 256x256 respectively. The EpicaDG incorporates the additional functionality of our exclusive digital generation technology designed to integrate signal conversion, routing and fiber optic transmission, and is available in input /output configurations up to 144x144.



Compatible Fiber Transmitter and Fiber Receiver modules



*The available I/O range for each signal type varies.



MEDICAL



WORSHIP



BROADCAST



AUTOPATCH IN DEMAND

Quickly and easily search our most popular configurations online with our new In Demand list. Select solutions from 4x4 through 64x64, in a variety of video signal styles available



AUTOPATCH IN DEMAND

with or without audio. One order number. One price. Right at your fingertips. Visit amx.com and find the matrix switcher you need today.



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