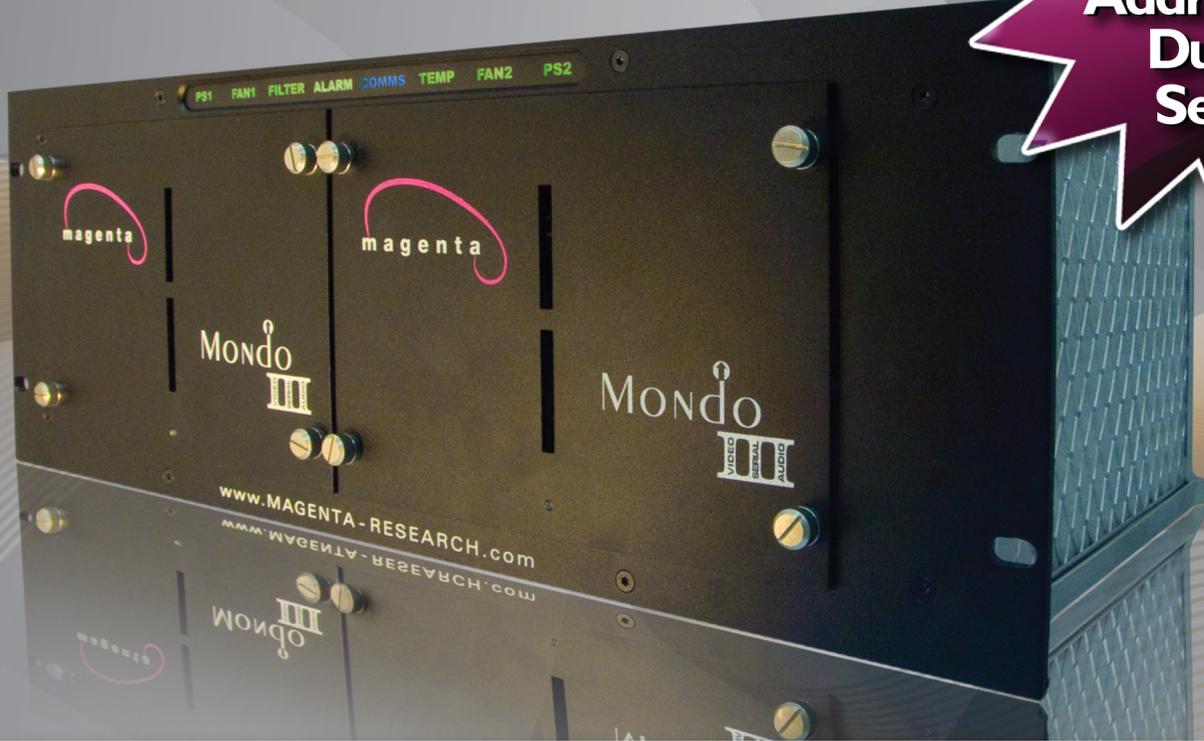


THE NEW BENCHMARK IN AV FULL MATRIX SWITCHING

Now With  
Addressable  
Duplex  
Serial!



INTRODUCING MAGENTA'S MONDO MATRIX III

**A full-matrix switching platform capable of switching and extending hi-definition video, stereo audio and addressable duplex serial signals in one switching platform.**

Building on the incredible success of Mondo Matrix™ II, Magenta's Mondo Matrix™ III redefines the standard for UTP switching and extension by adding addressable duplex serial capability, optional touch screen control and a host of redundancy and performance improvements. Demanded by an increasing number of digital signage and ProAV applications, the new addressable duplex serial capability enables collection of individual display data and metrics as well as independent control over each display. Like its predecessor, the field upgradable Mondo III future proofs your investment by allowing for additional inputs and outputs in increments of 16 while supporting an unprecedented maximum configuration of 256x512.

- ▶ Full-matrix switching & UTP extension
- ▶ Scalable & field upgradable from 16x16 to 256x512
- ▶ HD-video, stereo audio & addressable duplex serial
- ▶ Compatible with MultiView-SAP transmitters & receivers



### NEW FEATURES

- ▶ Supports addressable duplex serial
- ▶ Improved redundancy
- ▶ Front panel status indicators
- ▶ Option to add up to eight serial ports
- ▶ Optional network interface
- ▶ Backward compatible with Mondo II

### SAVE EQUIPMENT AND LABOR COST WITH UTP SWITCHING

The Mondo III UTP switching platform delivers significant advantages in functionality, cost, power consumption and installation complexity over BNC-based RGB switches.

	Mondo III	BNC Switch	Mondo III Advantage
<b>Switching Capability</b>	Video, Audio and Serial	Video only	3 switches in one platform. Less equipment cost
<b>Extension Capability</b>	Built-in (50% of extension system)	Requires external extension system	Reduces equipment cost
<b>Connectors</b>	1 RJ-45 per I/O	5 BNC per I/O	Less cable clutter/cost and easier to install
<b>Size</b>	64x16 in 4U, 64x64 in 16U	32x32 in 12U, 64x64 in 32U	Uses significantly less rack space
<b>Maximum Configuration</b>	256x512	128x128 (limited availability)	World's highest switching configuration
<b>Scalability</b>	16x16 - 256x512	None - must replace entire unit	Future-proofs investment
<b>Upgradability</b>	Field Upgradable	None - must replace entire unit	Future-proofs investment

### FULLY COMPATIBLE WITH MULTIVIEW™-SAP SERIES

With built-in support for UTP extension, the Mondo III, combined with Magenta's MultiView-SAP transmitters and receivers, reduces the extension equipment requirements by 50% and enables extension of HD-quality video, stereo audio and addressable duplex serial signals over an unsurpassed range of 2000ft/609m. Two-way serial functionality is retained even when daisy chaining receivers off a Mondo III-SAP output!

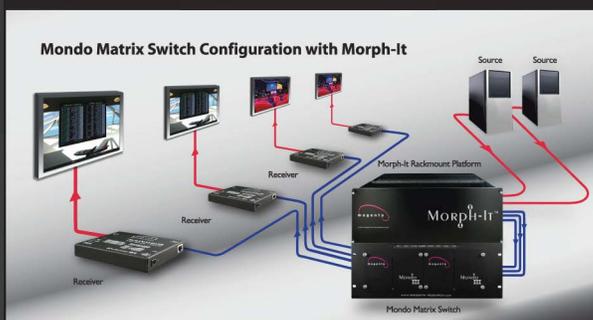
#### Mondo III Companion Products

Transmitters	Receivers
XRTx-SAP Morph-It™-SAP DualTX Cards	AK600DP-SAP AK1200DP-SAP XR2000DP-SAP

### PROTECT YOUR INVESTMENT

Mondo III delivers a modular platform which is scalable from 16x16 to an unmatched switching capacity of 256x512. It also future-proofs your investment by allowing for additional inputs and outputs to be added in the field in increments of 16. With the Mondo III, you can minimize your capital expenditure to today's needs while ensuring cost-effective upgradability for the future.

#### Application Example



### SPECIFICATIONS

#### Video, Audio & Control Signals

<b>Configuration/Frame</b>	6x16 - 64x16 (16 input increments)
<b>Video Input</b>	100 ohm Balanced, 1-V P-P
<b>Dynamic Headroom</b>	>3dB
<b>Coupling &amp; Gain</b>	DC, unity gain
<b>Video Signal Type</b>	RGB-IV, Component, Y/C, Composite
<b>Inputs/4U Frame</b>	16xN (max 64) RJ-45 Female
<b>Loop Out</b>	16xN (max 64) RJ-45 Female
<b>Outputs/4U Frame</b>	16 RJ-45 Female
<b>Audio Signals</b>	MultiView Component Dependent
<b>Control</b>	RS-232/RS-422
<b>Switch Control Interface</b>	10-pin Phoenix
<b>Aux Serial Ports</b>	8 x DB9 (Optional)
<b>Network Interface</b>	RJ-45 Female (Optional)

#### Mechanical

<b>Rackmount Enclosure</b>	Standard 4U, 19" EIA Front Panel: Powder Coat; Chassis: Passive Aluminum
<b>Dimensions</b>	6.7"H x 19"W x 10.5"D 170H x 483W x 267D mm
<b>Weight</b>	Fully Populated 16 lbs. (7.23 kg)
<b>Other</b>	
<b>Power Input</b>	90-264V/50-60Hz, 150W Max
<b>Switch Speed</b>	50ns From Command Recognition
<b>Temperature</b>	Operating: 32°-104°F (0°- 40°C) Storage: -40°-158°F (-40°-70°C)
<b>Humidity</b>	10-90% Non-Condensing
<b>Vibration</b>	ISTA/INSTA IA in Carton
<b>Compliance</b>	CE, FCC Class A, Safety EN60950, RoHS
<b>Warranty</b>	5 Years