

Atlona PRO3HD Matrix Switcher Family



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AT-PRO3HD66M

Easier to Install, Better Value

Matrix switchers route sources to displays so devices can be shared in multiple spaces simultaneously. Atlona's PRO3HD matrix switcher family uses HDBaseT and power over category cable (PoCc) to more affordably extend display connections up to 230 feet (70 meters). Unique control-signal-routing capability offers easy control of connected devices via TCP/IP, IR, and RS-232 from third-party control systems. Support for up to six outputs, and easy-to-pull, field-terminable cable for smoother installation.

Atlona Advantages	
HDBaseT AND POWER OVER CATEGORY CABLE(PoCc™) extend HDMI video, multi-channel audio, and control signals up to 230 ft (70 m) at 1080p@60Hz 36-bit color	Support for six or four zones
COMPLETE EASY CONTROL via TCP/IP, and bi-directional IR and RS-232 routing compatible with third-party controllers	Locking HDMI and power connectors for reliability
BETTER, MORE FLEXIBLE AUDIO PERFORMANCE S/PDIF Digital Audio Output sends multi-channel audio (up to Dolby Digital and DTS 5.1) to an AV receiver or zone amplifier	Simultaneous displays through advanced HDCP key management
LOSSLESS HD DIGITAL AUDIO Dolby TrueHD and DTS-HD Master Audio supported on mirrored HDMI outputs on PRO3HD66M	USB port for field firmware updates
FAST, RELIABLE SWITCHING EDID presets loadable to any source connected to the matrix	Rack/Wall Mount Ears included
PROGRAMMABLE RS-232 enables routing of control signals from a single controller port to each output device independently	

Atlona 8 x 8 and 4 x 4 HDMI Matrix Switchers



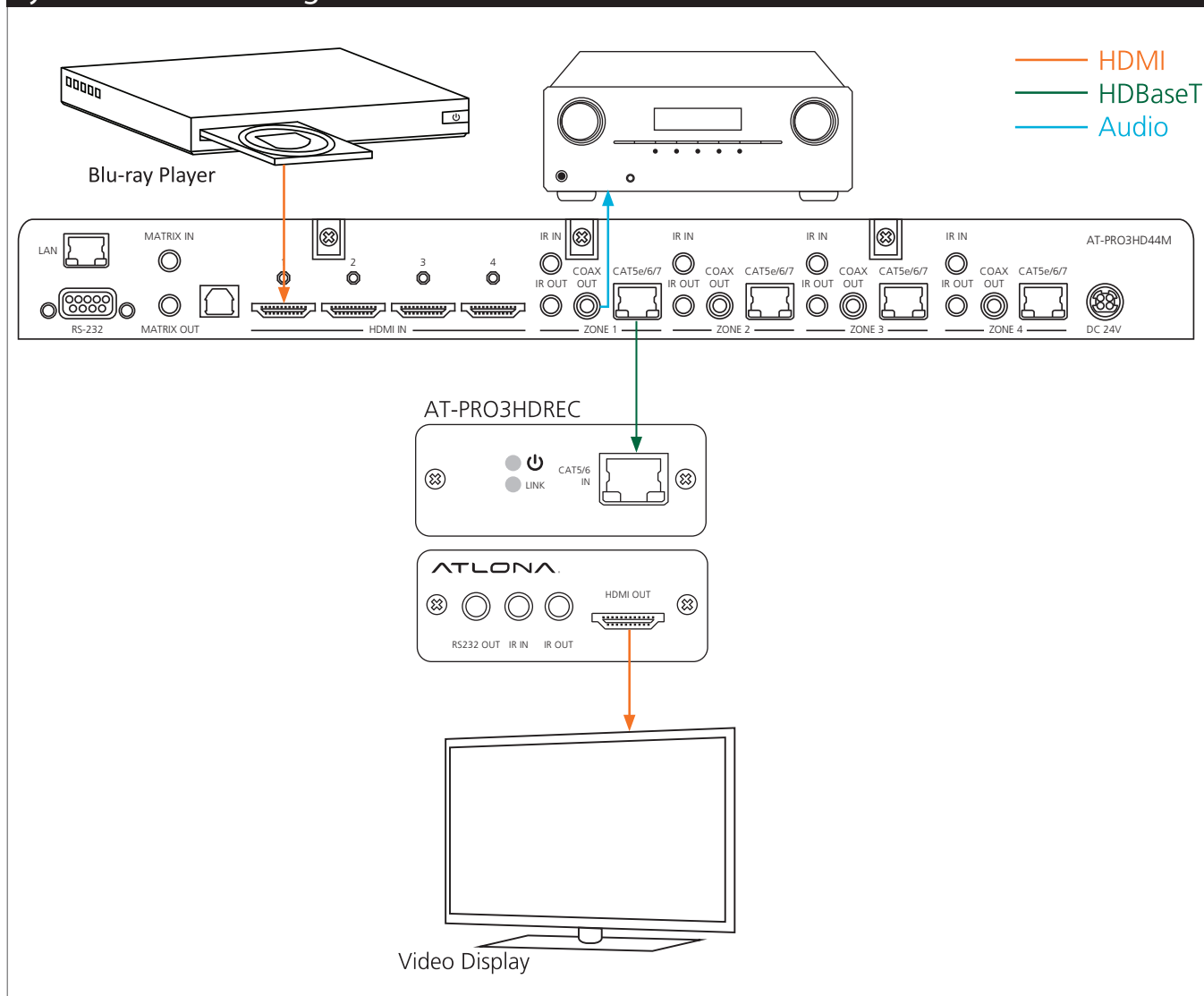
AT-PRO3HD44M, AT-PRO3HD66M

Specifications		
BANDWIDTH	6.75 Gbps	
PORTS	AT-PRO3HD66M	AT-PRO3HD44M
Video input	6 x HDMI	4 x HDMI
Video output	6 x RJ45 2 x HDMI mirrored	4 x HDMI N/A
S/PDIF audio output	4 x RCA	4 x RCA
IR input	7 x 3.5 mm	5 x 3.5 mm
IR output	7 x 3.5 mm	5 x 3.5 mm
Firmware update	1 x USB	1 x USB
LAN	RJ45	RJ45
RS-232	1	1
POWER CONSUMPTION	9a0W	60W
AUDIO	HDMI and HDBaseT passes up to Dolby TrueHD and DTS-HD Master Audio S/PDIF passes PCM 2-channel, Dolby 2.0, Dolby Digital, DTS 5.1	
DISTANCE	230 ft (70 m) @1080p over Cat 6a/7; 197 ft (60 m) @1080p over Cat 5e/6	
RESOLUTION	Video: up to 1080p@60Hz 36-bit color VESA: up to 1920x1200	
DIMENSIONS (H X W X D)	3.45 x 17.24 x 10.98in. (87.5 x 438 x 279 mm)	1.69 x 17.13 x 10 in. (43 x 435 x 254 mm)
RACK SIZE	2 U, 19 in. standard electronics rack	1 U, 19 in. standard electronics rack
WEIGHT	9.5 lb (4.34 kg)	7 lb (3.18 kg)
	OPERATING	STORAGE
TEMPERATURE	Operating: 32°F to 104°F Storage: (0°C to 40°C)	Operating: -4°F to 140°F Storage: (-20°C to 60°C)
CERTIFICATIONS	CE, FCC, RoHS (power supply also UL certified)	

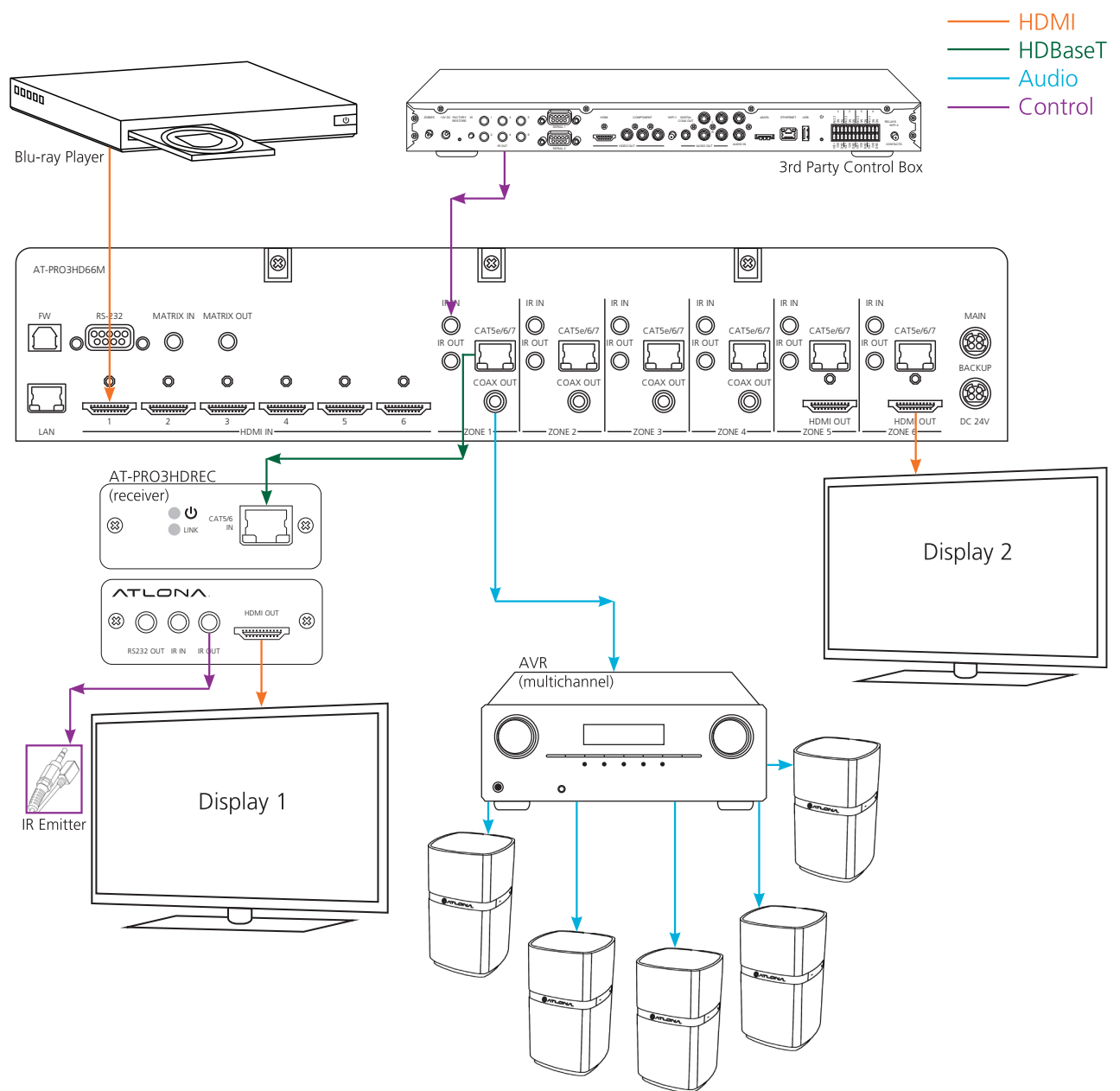
Family Comparison Chart

SOLUTIONS	RX	TX	PoCc	230 feet 70 m max (HDBaseT)	IR	RS-232	Audio	inputs	outputs
SWITCHER SPECIFIC									
AT-PRO3HD66M		x	x	x	x	x	4 S/PDIF HDMI	6 HDMI	6 HDBaseT 2 mirrored HDMI
AT-PRO3HD44M		x	x	x	x	x	4 S/PDIF	4 HDMI	4 HDBaseT
AT-PRO3HDREC	x		x	x	x	x	Embedded on HDMI	1 HDBaseT	1 HDMI
AT-HDRX-IR	x		x	x	x		Embedded on HDMI	1 HDBaseT	1 HDMI
AT-HDRX	x		x	x			Embedded on HDMI	1 HDBaseT	1 HDMI

System Connection Diagram



System Connection Diagram



Related Products

Beyond Ordinary Video

Our PRO3 extenders use HDBaseT and power over category cable (PoCc™) to take video beyond the technical limits of standard HDMI, with IR and RS-232, audio, and video content between sources and displays up to 230 feet (70 meters). Our HD extenders offer alternative control options.

LinkConnect Cables for a Better Video Experience

High-density braid and foil shields reduce audio and video distortions from EMI and RFI. Longer cables with enhancing chipsets eliminate sparkles caused by insufficient bandwidth. Get higher resolutions and longer distances. Thin cables available.

HDBaseT RX HDMI Box
w/ IR and RS-232



AT-PRO3HDREC

HDBaseT RX HDMI Box



AT-HDRX

HDBaseT RX HDMI Box
w/IR



AT-HDRX-IR

LinkConnect PRO Select
High Speed HDMI Cable



AT-PRO-LCS

LinkConnect Thin High
Speed HDMI Cable



AT-LCT



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