

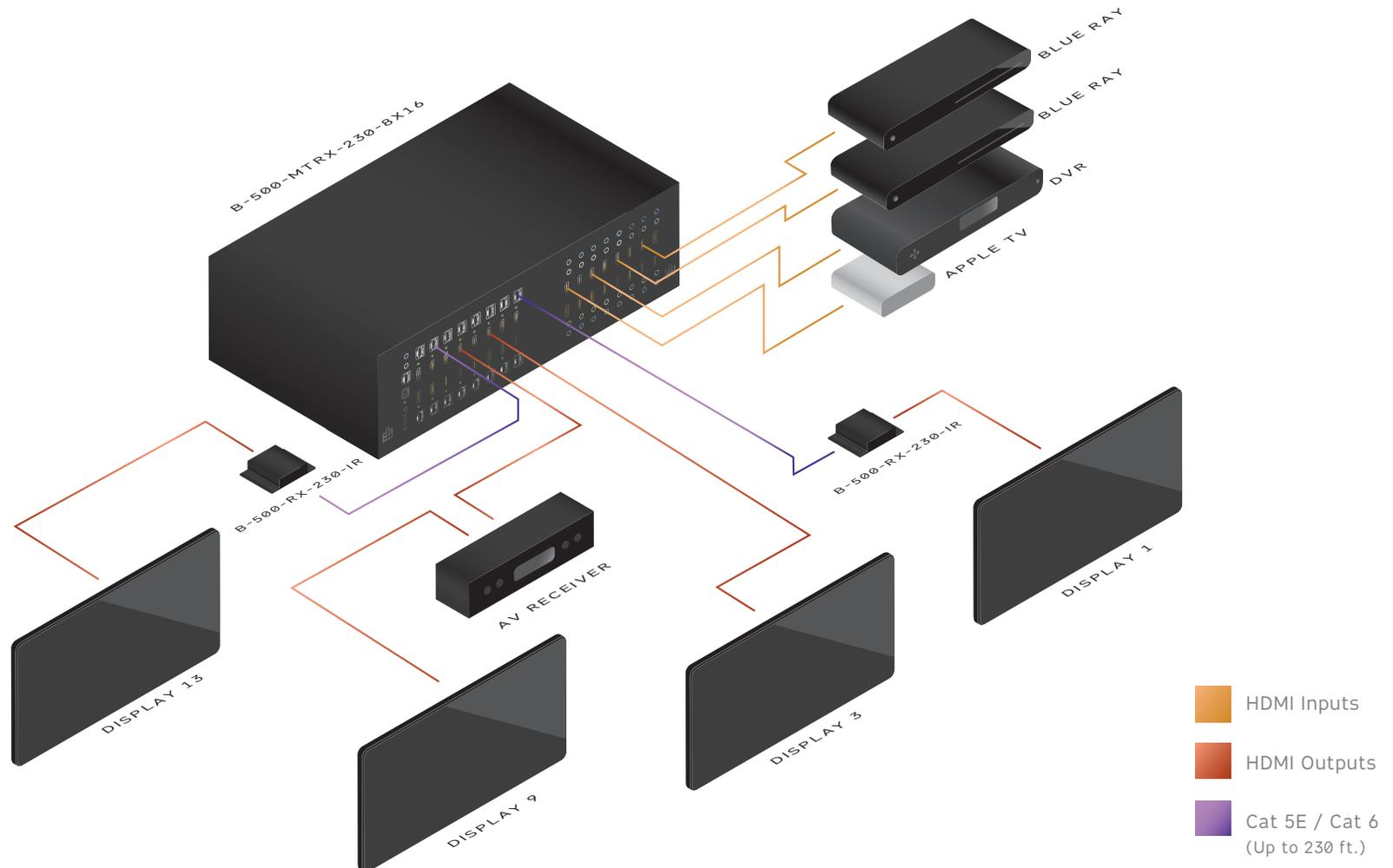


BINARY™ MATRIX SWITCHERS

Binary™ Media Distribution offers a selection of powerful HDMI Matrix Switchers built on a combination of custom install expertise and the ultra-reliable, proven platform of HDBaseT® technology. Equipped with robust HDMI transmission, extensive control system integration, EDID management, and a whole lot more – this line of switchers provides exceptional performance for a wide variety of residential and commercial applications.

Binary™ HDMI Matrix Switcher with HDMI and HDBaseT Outputs

Equipped with the expertise of the Binary™ brand and the power of HDBaseT, these robust HDMI matrix switchers reliably transmit audio and video signals up to 230 feet with full 1080p video and support for Dolby® True HD and DTS HD Master. Offering robust control system integration, support for the most advanced audio/video formats, and high levels of surge/ESD protection to protect the connected equipment, the Binary HDBaseT Matrix Switcher line provides maximum reliability across a wide variety of applications.





ADVANCED TECHNOLOGY

Featuring 8 HDMI inputs with 16 simultaneous HDMI and HDBaseT Outputs, the 8x16 Matrix Switcher supports full HDMI with 3D, HDCP 2.0, Dolby True HD, Digital Plus and DTS HD master.

LONGER DISTANCES

Sending signals to TVs located far away from the equipment rack isn't a problem. HDBaseT technology gives this switcher a full 230 feet of range, ensuring that audio, video and IR is transmitted effectively over longer distances.

SIMPLE CONTROL

Thanks to robust control system integration, switching signals between the TV and set-top boxes, Blu Ray players or other equipment has never been easier.

ULTRA-RELIABLE TECHNOLOGY

Powered by the most robust, reliable technology on the market, this HDBaseT switcher is significantly less susceptible to interference. It provides strong signals and top-notch performance, with built-in surge/ESD protection.

TECHNICAL			
HDMI Compliance	HDMI 3D		
HDCP Compliance	Yes		
Video Bandwidth	6.75Gbps		
HDMI over UTP Transmission	Resolution	Cat5e/ Cat6	Cat6a
	1080i / 720p 24-bit color	200ft	230ft
	Full HD 1080p 24-bit color	200ft	230ft
	Full HD 1080p 36-bit deep color	200ft	230ft
Input TMDS Signal	1.2 Volts (peak-to-peak)		
Input DDC Signal	5 Volts (peak-to-peak, TTL)		
ESD Protection	(1) Human body model – ±15kV (air-gap discharge) & ±8kV (contact discharge) (2) Core chipset – ±8kV		
IR Signal (Bi-directional)	Carrier frequency: 20-60kHz		
CONTROLS			
DipSwitch1	Selecting RS232 or USB		

CONNECTIONS	
HDBaseT Link	16 x RJ45
HDMI	24 x HDMI Type A (19-pin female)
IR (In)	1 x 3.5mm Mono
All IR (Out)	1 x 3.5mm Mono
IR Input to Room	16 x 3.5mm Mono
IR Output to Source	16 x 3.5mm Mono
RS232 Control Port	DB9
Power	Polarized
Ethernet	1 x RJ45

MECHANICAL	
Housing	Metal enclosure
Dimensions (W x H x D)	17.32" x 5.20" x 12.72" (without ears)
Weight	21 lbs.
Power Supply	12V DC 16A
Power Consumption	110w (max)
Operation Temperature	32-104°F, (0-40°C)
Storage Temperature	-4-140°F, (-20-60°C)
Relative Humidity	20-90% RH (no condensation)
Certifications and Compliance	Product: CE, FCC Power Supply: CE, FCC, UL

2-YEAR LIMITED WARRANTY

This Binary™ product has a 2-year limited Warranty. This warranty includes parts and labor repairs on all components found to be defective in material or workmanship under normal conditions of use. This warranty shall not apply to products which have been abused, modified or disassembled. Products to be repaired under this warranty must be returned to SnapAV or a designated service center with prior notification and an assigned return authorization number (RA).

