

## B-300-HDMATRIX-8x8

Binary™ HDMI 8x8 Matrix Switcher  
with HDMI and Single Cat5e/6 Outputs

# BINARY



### DESCRIPTION

For any application relying on HDMI switching, this Binary™ HDMI 8X8 Matrix is the perfect solution. Simultaneously route 8 sources to up to 8 different displays using an HDMI cable for direct connection, or optional extenders to send video to remote rooms. Exclusive EDID Management software, multiple control options, HDCP 2.0 Key Management, and superior ESD protection sets this switch apart from the rest of the pack.

#### Exclusive EDID Management Software

Included software toolkit makes component synchronization simple and manageable.

#### Multiple Control Options

Integration-ready with bi-directional RS-232 and powered IR for easy connection to any control system

#### Simultaneous HDMI & 1-CAT Outputs

Optional 1-CAT receiver allows simultaneous HDMI and 1-CAT outputs for longer transmission distances, up to 130 feet.

#### ESD Protection

Intelligent circuit design has resulted in superior ESD protection that exceeds CE Level 3 standards.

### SPECIFICATIONS

Video Support	HDTV up to 1080P 60Hz PC up to 1920 x 1200 (WXUVGA)
Audio Support	Supports all HDMI audio formats including Dolby TrueHD and DTS-HD
Inputs	8x HDMI 1x RS-232 1x System IR (3.5mm jack) 8x IR To Room (3.5mm jack) 1x Ethernet Port
Outputs	8x HDMI 8x 1CAT 8x IR From Room (3.5mm jack)
1 Cat Transmission Distances	200ft @1080i (24-bit) 130ft @1080p60 (24-bit) 65ft @1080p60 (36-bit)
Dimensions	17" x 1.75" x 6.375" (L x H x D)

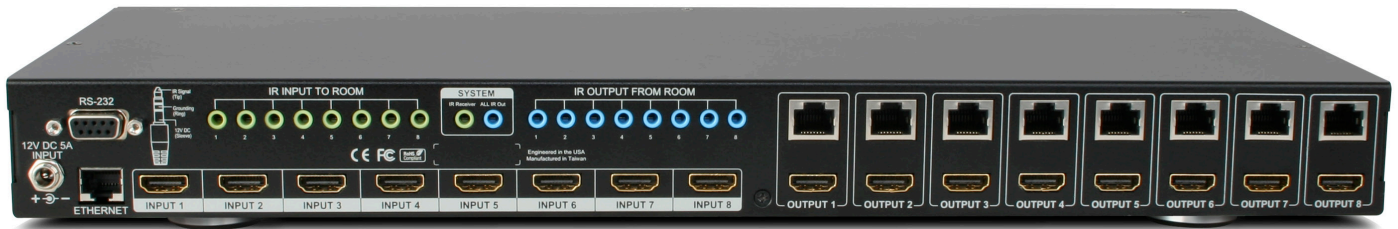
### 2-YEAR LIMITED WARRANTY

*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).*

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## SPECIFICATIONS

TECHNICAL	
Product Type	True 8x8 HDMI matrix
HDMI compliance	Full HD 1080P60, Deep Color (36bit), 3D (1.4a 3D)
HDCP compliance	Version 2.0
Video bandwidth	Single-link 225MHz [6.75Gbps total bandwidth]
Video support	1080p / 1080i / 720p /480p / 480i up to 36-bit color
Audio support	Multi-Channel up to 7.1: Dolby TrueHD Dolby Digital Plus DTS-HD LPCM Dolby Digital EX DTS-ES Dolby Digital DTS  2ch: PCM
ESD protection	ESD: IEC 61000-4-2 Level 4 (15KV) Surge: IEC 61000-4-5
Input	8x HDMI 1x RS-232 1x System IR (3.5mm jack) 8x IR To Room (3.5mm jack) 1x Ethernet Port
Output	8x HDMI 8x 1CAT 8x IR From Room (3.5mm jack)
HDMI Input selection	IR remote, RS-232 or Ethernet
IR remote control	21 button remote for Setup and Operation
HDMI connector	Type A [19-pin female]
1CAT Connector	RJ-45
RS-232 connector	9-pin DB9 female
Ethernet Connector	RJ-45

MECHANICAL		
Housing	Metal enclosure	
Dimensions (L x W x H)	Switcher	17"x6.375"x1.75"
	Package	21"x10.4"x3.1"
Weight	5.8 lbs	
Mounting	1RU rack-mount. Ears included	
Power supply	12V 5A DC	
Power consumption	60 Watts [max]	
Operation temperature	32~104°F]	
Storage temperature	-20~60°C -4~140°F	
Relative humidity	20~90% RH [no condensation]	
Certifications	CE,FCC, RoHs	

## IN THE BOX

- (1) B-300-HDMATRIX-8x8 HDMI Matrix Switch
- (2) Rack ears for mounting
- (1) IR Remote
- (1) Power supply(12V 5A)
- (1) IR Adapter for Control Systems
- (1) User Manual
- (1) CD Rom containing Documentation, PC Configuration Utility, Discrete IR Codes and Serial Protocol.