

B-100-HDMATRIX-4x4

Binary™ HDMI 4x4 Matrix Switcher
with HDMI Outputs

BINARY



DESCRIPTION

For any application relying on HDMI switching, this Binary™ HDMI 4X4 Matrix is the perfect solution. Simultaneously route 4 sources to up to 4 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 switcher 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

HDCP 2.0 Key Management

Automated process ensures any HDCP-compliant device will configure, regardless of the number of source keys.

ESD Protection

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

SPECIFICATIONS

Inputs	4x HDMI 1x RS-232 1x System IR (3.5mm jack)
Outputs	4x HDMI
Control Options	IR remote or RS-232
Video Bandwidth	Single-link 225MHz [6.75 Gbps total bandwidth]
Dimensions	17" x 5.1" x 1.75" (L x H x D)
Weight	4.4 lbs

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 4x4 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 Master 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	4x HDMI 1x RS-232 1x System IR (3.5mm jack)
Output	4x HDMI
HDMI Input selection	IR remote or RS-232
IR remote control	21 button remote for Setup and Operation
HDMI connector	Type A [19-pin female]
RS-232 connector	9-pin DB9 female
Ethernet Connector	N/A

MECHANICAL		
Housing	Metal enclosure	
Dimensions (L x W x H)	Switcher	17" x 5.1" x 1.75"
	Package	21" x 10.4" x 3.1"
Weight	4.4 lbs	
Mounting	1RU rack-mount. Ears included	
Power supply	5V 4A 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-100-HDMATRIX-4x4 HDMI Matrix Switch
- (2) Rack ears for mounting
- (1) IR Remote
- (1) Power supply(5V 4A)
- (1) IR Adapter for Control Systems
- (1) User Manual
- (1) CD Rom containing Documentation, PC Configuration Utility.