

**AEDON**

Technology for the next generation

# HDM-44CAT50

## 4X4 HDMI MATRIX (1080P)



**COMES WITH 4 RECEIVERS**

Engineered For  
Ultimate Reliability

## Package Contents

- 1x Matrix
- 4x Receivers
- 1x Power Supply
- 4x IR Receiver
- 4x IR Transmitter
- 1x Manual

## Technical Specifications

Technical	
HDMI Compliance	HDMI 1.3
HDCP Compliance	HDCP 1.3
Video Bandwidth	4.95 Gbps
Video Resolutions	up to 1080P@60Hz, and 1080P 3D@24Hz
Color Space	RGB, YCbCr 4:4:4, YCbCr 4:2:2
Color Depth	10-bit, 12-bit
Audio Formats	PCM 2CH, LPCM 5.1, LPCM 7.1, Dolby Digital, DTS 5.1, Dolby Digital+, Dolby TrueHD, DTS-HD Master Audio, Dolby Atmos, DTS:X
ESD Protection	Human body model — ±8kV (air-gap discharge) & ±4kV (contact discharge)
Connections	
Inputs	4x HDMI Type A [19-pin female] 1x 9-pin D-sub [RS-232] 1x RJ45 [IP Control / LAN Serving] 5x 3.5mm Stereo Mini-jack [Infrared Receiver]
Outputs	4x HDMI Type A [19-pin female] 4x RJ45 [HDMI & Proprietary Data] 4x 3.5mm Stereo Mini-jack [Infrared Emitter]
Mechanical	
Housing	Metal Enclosure
Dimensions	440mm [W] x 200mm [D] x 45mm [H]
Net Weight	1820g
Power Supply	Input: AC100 - 240V 50/60Hz Output: DC 12V/2.5A (US/EU standards, CE/FCC/UL certified)
Power Consumption (Max)	23W
Operation Temperature	32 - 104°F / 0 - 40°C
Storage temperature	-4 - 140°F / -20 - 60°C
Relative Humidity	20 - 90% RH (no condensation)

- HDMI 1.3, HDCP 1.3 compliant
- Supports High Definition resolutions up to 1080p@60Hz with 12bit RGB/YCBCR 4:4:4/YCBCR 4:2:2
- Supports 3D frame sequential video format up to 1080p@30Hz
- Supports LPCM 7.1CH, Dolby TrueHD, and DTS-HD Master Audio
- Mirrored HDMI Out, Up to 8 Outputs
- Compact design for an easy and flexible installation

**For further enquiries, please contact:**  
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## HDM-44CAT50

The HDM-44CAT50 is your perfect, cost effective 1080p Matrix. You can distribute 1080p signals across your home.

Whether you want to distribute SKY, CCTV or a gaming console to four - eight displays, the HDM-44CAT50 will be the product of choice.

The unit comes with four receivers that can send the signal over cat6, upto 50m. You also have a mirrored HDMI out so you can have up to 8 displays (4 Matrixable Zones).



**HDM-44CAT50 front view**



**HDM-44CAT50 back view**



**RX - 50m over cat6**