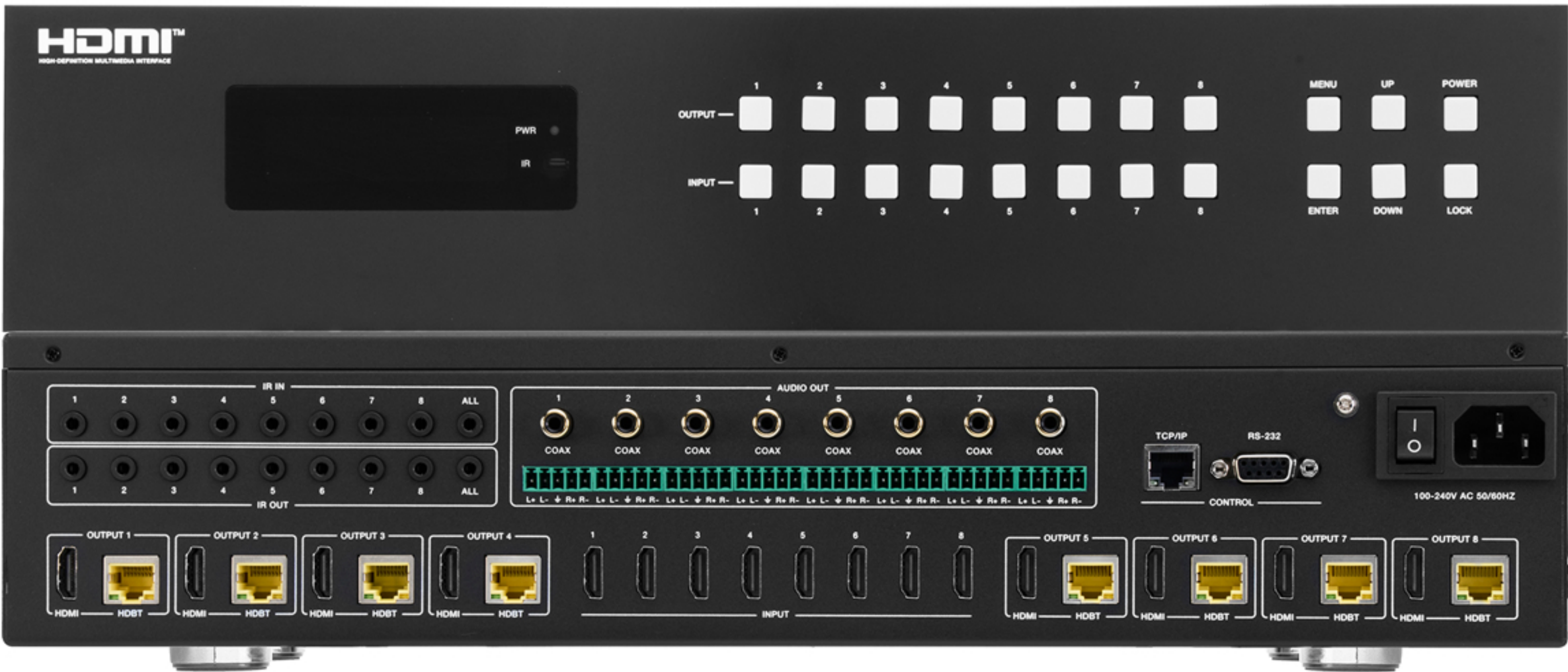


HDMI 2.0 HDBT Matrix 8x8 CAT6 150M 4K@60Hz

Switch and Distribute 8 HDMI Sources to 8 HDMI Displays and 8 Mirrored Display over HDBT

MPN: MMX-8X8CAT-150M



Key Benefits of Using an MMX-8x8CAT-150M Matrix Switcher:

- Seamless 8x8 Switching
- Extended Transmission Distance
- Support for High-Quality Video
- IR and RS-232 Control
- Power over Ethernet (PoE)
- EDID Management
- Audio De-Embedding
- Reliable and Cost-Effective Installation
- Future-Proof Design

FEATURES

- 8x8 Matrix Switching
- 8 HDMI inputs, 8 HDMI & 8 CAT mirrored outputs
- Video resolution up to 4K2K@60Hz (YUV 4:4:4) on all HDMI & CAT ports
- Signal Extension Over CAT x up to 492ft / 150m
- Support one-way IR matrix function
- HDBT Technology
- Smart EDID Management
- HDCP Compliance
- Audio De-embedding
- RS-232 and IR Pass-Through
- Control via front panel buttons, IR remote, RS-232, LAN and Web GUI
- Scaling and Output Adjustments

SPECIFICATIONS

TECHNICAL	
HDMI Compliance	HDMI 2.0b
HDCP Compliance	HDCP 2.2 / 1.x
Video Bandwidth	18Gbps
Video Resolution	Up to 4K2K@50/60Hz (4:4:4)
Color Space	RGB 4:4:4, YCbCr 4:4:4/4:2:2/4:2:0
Color Depth	8-bit, 10-bit, 12-bit (1080p@60Hz) 8-bit (4K2K@60Hz YUV4:4:4) 8-bit,10-bit,12-bit (4K2K@60Hz YCbCr 4:2:2/4:2:0)
HDR	HDR10, HDR10+, Dolby Vision, HLG
HDMI Audio Formats	LPCM 2.0/21/5.1/6.1/7.1, Dolby Digital, Dolby TrueHD, Dolby Digital Plus (DD+), DTS-ES, DTS HD Master, DTS HD-HRA, DTS-X
Coax audio formats	PCM 2.0, Dolby Digital / Plus, DTS 2.0/5.1
Vmax	2Vrms
SNR	>90dB
THD+N radio	<0.1%(V_max) 0.001%-0.01%(V_best)
Crosstalk	>80dB
Frequency response	20Hz-20kHz ±0.5dB
Transmission distance	492ft / 150m (via a single CAT6 cable)
ESD protection	Human-body Model: ±8kV (Air-gap discharge), ±4kV (Contact discharge)
Connection	
Matrix	Inputs: 8 x HDMI Type A [19-pin female] Outputs: 8 x HDMI Type A [19-pin female] 8 x HDBT port [RJ45] 8 x Coaxial audio [3.5mm Stereo Mini-jack] 8 x balanced analog audio [5-pin Phoenix connector] Controls: 9 x IR IN [3.5mm Stereo Mini-jack]

HDBT Receiver	Input: 1 x HDBT IN [RJ45, 8-pin female] Outputs: 1 x HDMI Type A [19-pin female] 1 x AUDIO OUT [3.5mm Stereo Mini-jack] Controls: 1 x IR IN [3.5mm Stereo Mini-jack] 1 x IR OUT [3.5mm Stereo Mini-jack] 1 x RS-232 [3-pin Phoenix connector] 1 x SERVICE [Mini-USB, Update port]
---------------	--

Mechanical	
Housing	Metal enclosure
Color	Black
Dimensions	Matrix: 440mm (W) × 374mm (D) × 88.6mm (H) Receiver: 140mm (W) x 65mm (W) x 18mm (W)
Weight	Matrix: 6.54 Kg, Receiver: 155g
Power supply	Input: AC 90 - 260V 50/60Hz Output: DC 12V/2.5A (US/EU standards, CE/FCC/UL certified)
Power consumption	125W (Max)
Operating temperature	32 ~ 104°F / 0 ~ 40°C
Storage temperature	-4 ~ 140°F / -20 ~ 60°C
Relative humidity	20 ~ 90% RH(Non-condensing)

Resolution / Cable length			
	4K60 - Feet / Meters	4K30 - Feet / Meters	1080P60 - Feet / Meters
HDMI IN / OUT	16ft / 5M	32ft / 10M	50ft / 15M
The use of "Premium High-Speed HDMI" cable is highly recommended.			

APPLICATION DIAGRAM

