

8 X 8 HDMI MATRIX SWITCHER WITH SCALER HMX88

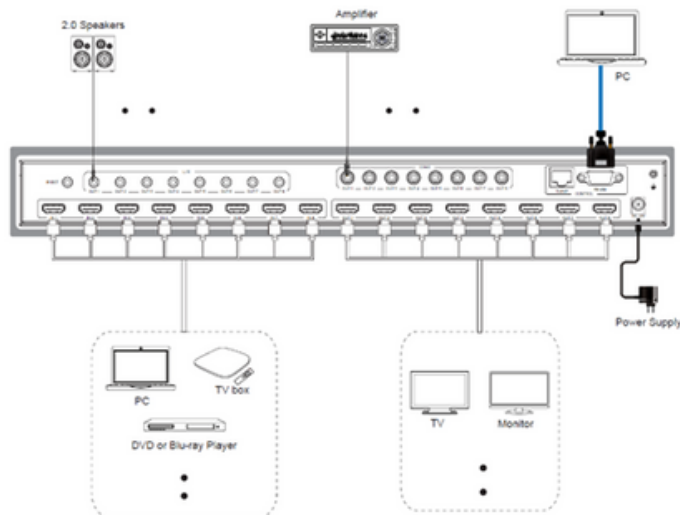


FEATURES

This 8x8 HDMI matrix switcher with scaler allows 4K HDMI sources to distribute to any eight or all HDMI display at 4K resolution or even scale down to full HD resolution to match your device requirement. Audio can be de-embedded and extracted as analogue L/R and coaxial format. Easy to use interface with most of the functions can be access via front panel and remote control, the device also equip with industry standard TCP/IP and RS-232 control via back of the device.

- HDMI 2.0b, HDCP2.2/HDCP1.4 compliant.
- Video resolution up to 4K 60Hz (YUV 4:4:4) on all HDMI ports
- Support downscaling 4k to 1080p for each HDMI output
- Dolby Vision, HDR10+ and HLG supported
- Support audio de-embedded to L/R and coaxial for each HDMI output
- HDMI audio pass-through up to 7.1CH HD audio (LPCM, Dolby TrueHD and DTS-HD Master audio)
- Build-in web GUI for control via TCP/IP
- ARC, CEC and smart EDID management are supported
- 1U rack mounted design with front panel OLED display
- Four method of control: front panel, IR remote, web UI, RS-232

APPLICATION EXAMPLE



SPECIFICATION

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Video	
Max. Data Rate	18Gbps
Compliance	-HDMI 2.0b -HDCP 1.4 and HDCP 2.2
Video Resolution	- Up to 4K2K@50/60Hz (4:4:4)
Video Scaler	- 4K2K to 1080p
Colour Space	-RGB, YCbCr 4:4:4/ 4:2:2/4:2:0
Colour Depth	- 8-bit, 10-bit, 12-bit
HDR Support	- HDR10, HDR 10+, Dolby Vision, HLG
Video Input Connector	- 1 x HDMI Type A (Female)
Video Output Connector	- 8 x HDMI Type A (Female)
Audio	
HDMI Audio Format	- PCM2.0/5.1/7.1CH, Dolby Digital, DTS 5.1, Dolby Digital+, Dolby TrueHD, DTS-HD Master Audio, Dolby Atmos, DTS:X
Coaxial Audio Format	- LPCM 2.0, Dolby Digital / Plus, DTS 5.1
L/R Audio Format	- PCM 2.0
Audio Output Connector	- 8 x L/R audio out (3.5mm Stereo Mini Jack) - 8 x COAX audio out (RCA)
Power	
Power supply	- Input: AC 110-240V 50/60Hz - Output: DC 12V/5A (US/EU standard, CF/FCC/UL certified)
Power Consumption	- 43W (max)
General	
Control Port	- 1 x RJ45 (TCP/IP) - 1 x 3-pin phoenix connector (RS-232) - 1 x IR EXT
Physical Dimension (W x D x H)	- 440 x 200 x 44.5 mm
Weight	- 0.792kg (Approx)
Housing	-Metal
Operating Temperature	- -10 ~ 45 °C
Storage Temperature	- -20 ~ 60 °C
Relative Humidity	-20 ~ 90% RH (no condensation)
Safety	
ESD Protection	-Human body model - ±8KV (Air-gap discharge) & ±4KV (Contact discharge)