

4 X 4 HDMI MATRIX SWITCHER WITH SCALER HMX44

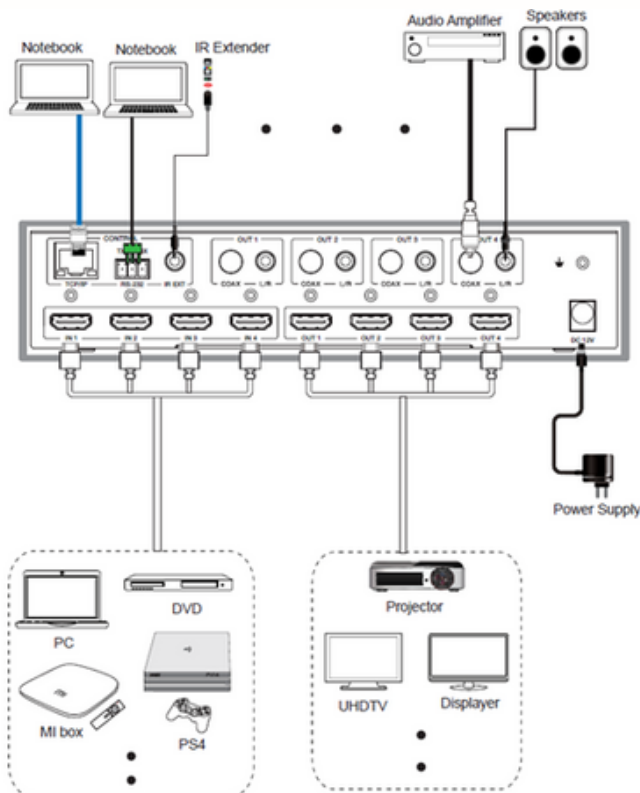


FEATURES

This 4x4 HDMI matrix switcher with scaler allows 4K HDMI source to distribute to any 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, and also standard TCP/IP and RS-232 via back of the device.

- HDMI 2.0, HDCP 2.2/HDCP 1.4 and DVI 1.0 compliant.
- 4 x 18G HDMI 2.0 video input resolution up to 4K 60Hz (4:4:4).
- 4 x 18G HDMI 2.0 video output resolution up to 4K 60Hz (4:4:4).
- Support downscaling 4k to 1080p for each HDMI output.
- Support audio de-embedded to L/R and coaxial for each HDMI output.
- Build-in web GUI for control via TCP/IP
- Four method of control: control button via 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	Video Resolution - 4K2K 50/60Hz 4:4:4 - 4K2K 50/60Hz 4:2:0 - 4K2K 30Hz 4:4:4 - 480i, 480p, 720i, 720p, 1080i, 1080p
Video Scaler	- 4K2K to 1080p
Colour Space	- RGB YCbCr 4:4:4, YCbCr 4:2:2, YCbCr 4:2:0
Colour Depth	- 8-bit, 10-bit, 12-bit [1080P, 4K30Hz, 4K50Hz (YCbCr 4:2:0)], 8-bit [4K60Hz (YCbCr 4:4:4)]
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/Plus/EX, Dolby True HD, DTS, DTS-EX, DTS-96/24, DTS High Res, DTS-HD Master Audio, DSD
Coaxial Audio Format	- PCM 2.0, Dolby Digital / Plus, DTS 2.0/5.1
L/R Audio Format	- PCM 2.0
Audio Output Connector	- 4 x L/R audio out (3.5mm Stereo Mini Jack) - 4 x COAX audio out (RCA)
Power	
Power supply	- Input: AC 110-240V 50/60Hz - Output: DC 12V/2.5A (Locking connector)
Power Consumption	- 10W (max), 1.56W (standby)
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)	- 220 x 105 x 44 mm
Weight	- 0.792kg (Approx)
Housing	-Metal
Operating Temperature	-0 - 40 °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)