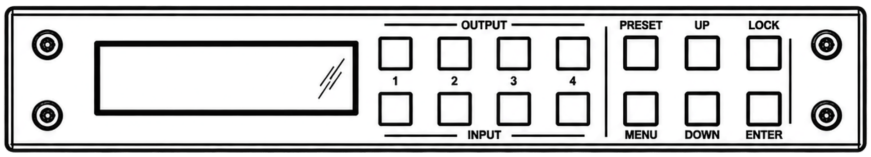
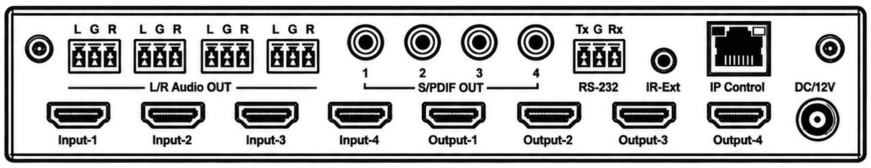
ZT-MT44A

ZT-114 | Zenty 4K@60Hz 4x4 HDMI Matrix with Audio

Scan to visit product page



ZT-MT44A • Front Panel



ZT-MT44A • Rear Panel

Product Description:

The Zenty ZT-MT44A is a professional UHD 4K@60Hz 4:4:4 HDR HDMI video distribution matrix switcher. With 18Gbps HDMI 2.0 support, the ZT-MT44A 4×4 HDMI Matrix allows up to four UHD 4K sources to be independently routed to four UHD displays. All four outputs support audio de-embedding via coaxial S/PDIF or analog phoenix connectors. Pair the audio de-embedding function with the ZT-MT44A's EDID management tool (built in EDID + EDID copy) and you have an incredibly versatile and flexible HDMI routing system suitable for a number of applications.

Key Features:

- 4 Inputs to 4 Outputs - The 4×4 HDMI Matrix routes up to four 4K HDR HDMI sources to four 4K HDR display devices. Allow all outputs to mirror the same signal or independently route unique input signals to each display for a fully customized HDMI routing matrix

Key Features (cont.):

- HDR & Dolby Vision - HDMI 2.0 and HDCP 1.4 / 2.2 Compliant. Users can enjoy all of the latest formats and standards with this 4×4 HDMI 2.0 Matrix including 4K, HDR, HDR10, Dolby Vision, Dolby Atmos, DTS-X
- De-Embed analog or digital audio signals and route audio to 3rd party devices like soundbars, amplifiers or AV receivers via coaxial S/PDIF or analog phoenix connectors
- Manage HDMI signal routing, customized routing presets and EDID for ultimate flexibility and compatibility with various applications

In the Box:

1 x Main Unit	1 x Power Adapter	1 x Remote Control
1 x IR Receiver Cable	5 x Phoenix Connectors	1 x User Manual

Specifications

VIDEO	
ARC / eARC	Not supported
Color space / chroma subsampling	RGB 4:4:4, YCbCr 4:4:4, YCbCr 4:2:2, YCbCr 4:2:0
Colorimetry	Rec. 601, Rec. 709, BT.2020, DCI-P3 D65
Control connectors	RS-232 on 3-pin Phoenix, RJ45 for TCP/IP control, IR EXT on 3.5mm TRS
Deep color	8-bit, 10-bit, 12-bit per channel
EDID management	Copy from a chosen output, 4 preset modes, Selected from the front panel or web GUI
HDCP	HDCP 2.2, backward compatible with 1.4
HDMI version	HDMI 2.0
HDR pass-through	HDR10, HLG, Dolby Vision
Input ports	4x HDMI Type-A, 19-pin female
Max pixel clock	600MHz
Output ports	HDMI Type-A x 4, Coaxial SPDIF x 4, 3-pin Phoenix analog x 4
Supported resolutions	Up to 4K@60Hz 4:4:4
Video bandwidth	18Gbps total, 6Gbps per channel
Video input formats	4K@60Hz 4:4:4 – 8-bit, 4K@60Hz 4:2:0 – 10-bit, 12-bit, 1080p@60Hz 4:4:4 – 8, 10, 12-bit
Video output formats	Same as video input formats

Specifications (cont.)

AUDIO	
Analog audio output	3-pin Phoenix balanced, PCM 2.0, 32 to 192kHz, 16 to 24-bit
HDMI audio output	LPCM 2.0, LPCM 5.1 / 7.1, Dolby TrueHD, DTS-HD Master Audio
SPDIF audio output	PCM 2.0 + Dolby Digital 5.1 + DTS 5.1

MATRIX & ROUTING	
Audio matrix / de-embedding	analog and SPDIF de-embedding, bind to input or output
Matrix size	4x4
Routing mode	Any input to any output, One-to-many, All-to-one

CONTROL & MANAGEMENT	
API / command set	ASCII command set over RS-232 and TCP/IP
Control interface	Front panel buttons, IR remote, RS-232, TCP/IP, Web GUI
Default IP address	192.168.1.168, subnet 255.255.255.0
Presets / scenes	Up to 8 presets
RS-232 baud rate	115200 default; 9600, 19200, 57600 also selectable
Web GUI	Browser-based, no plug-in required

GENERAL / PHYSICAL	
Certifications	FCC, CE, RoHS
Dimensions / net weight	216 x 129 x 34 mm, 472 g
Housing	Metal
Limited warranty	5 years
Mounting	Desktop, 1U rack
Operating / storage humidity	5% to 90% RH, non-condensing
Operating / storage temperature	Operating 0°C to 40°C / storage -20°C to 60°C
Power consumption (max)	14W
Power supply	100-240V AC 50/60Hz in, 12V DC @ 2A out

ADDITIONAL	
Audio extraction mode	Bind to input, bind to output, or independent matrix
Passive HDMI cable reach	Up to 5 m / 16.4 ft
VESA / DCI resolution support	Up to DCI 4K 4096x2160