

MXD-HDMI-TP-OB

Double slot twisted pair HDMI output board with control and audio

Features:

- Double slot output board - needs two cards' slot in the frame
- RS-232
or
S/PDIF over twisted pair on each output
- Transmits HDMI 1.3 and DVI signals over CAT5, CAT6 or CAT7 cables
- HDCP compliant
- Supports all audio formats over HDMI: Dolby TrueHD and DTS-HD Master Audio
- Advanced EDID Management, Pixel Accurate Reclocking
- Automatic or adjustable color space and color range conversion
- Conversion between DVI, HDMI and deep color signals dependent upon the capabilities of the attached display
- PCM subsampling by 2 x or 4 x
- 3D signal compatibility with frame packing, side-by-side and top-bottom formats
- Only compatible with MX-FR80R, MX-FR65R, MX-FR33R, MX-FR33L and MX-FR17 frames

MXD-HDMI-TP-OB has, in addition to 8 channel HDMI to CATx conversion this output board offers S/PDIF audio de-embedding from the outgoing HDMI video stream and a bi-directional RS-232 link to each remote display device when using compatible twisted pair receiver. HDMI + embedded multichannel HD digital audio + RS-232 + remote DC power can be extended via two CATx cables from the AV rack to the projector or LCD display. The 12 Volt DC connector allows remote powering of the RX, eliminating the need for local DC adaptors.

Compatible products:

- Receivers:
 - WP-HDMI-TP-RX50A
 - WP-HDMI-TP-RX50R
 - WP-DVI-HDCP-TP-RX50A
 - WP-DVI-HDCP-TP-RX50R
 - DVI-TP-RX100
 - DVI-HDCP-TP-RX50
 - DVI-HDCP-TP-RX100R
 - HDMI-TP-RX50
 - HDMI-TP-RX100R
 - HDMI-TP-RX100RA
 - HDMI-TP-RX200R

Supplied accessory



Power adaptor with IEC plug.
Universal input: 100-240 V AC, 50-60 Hz.
Output: 12 V DC, 6.67 A.



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Specifications

HDCP compliancy:	Yes
Max Resolution:	1920x1200 or 2048x1080
3D signal compatibility:	Frame packing, side-by-side, top-bottom
Power consumption (3.3 V):	1.8 A (typical), 3.4 A (max.)
Power consumption (5 V):	2.1 A (typical), 2.6 A (max.)
Calculated AC Power (W):	23.5 (typical), 34.6 (max.)
Heat dissipation (BTU):	21 (typical), 24 (max.)
Weight:	1000 g
Output connectors:	RJ45, S/PDIF, RS-232

Port diagram

