

MXD-HDMI-TP-IB

Double slot twisted pair HDMI input board with control

Features

- Double slot input board - needs two cards' slot in the frame
- HDCP compliance
- RS-232 control over twisted pair for each input port
- Accepts HDMI 1.3 and DVI signals over CAT5, CAT6 or CAT7 cables
- Supports all HDMI audio formats such as Dolby TrueHD and DTS-HD Master Audio
- Advanced EDID Management, Pixel Accurate Reclocking
- Adaptive or manual CATx cable equalization
- Automatic or adjustable color range conversion
- S/PDIF audio output per channel
- 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-IB is an upgraded version of MX-HDMI-TP-IB. This double slot board accepts HDMI 1.3 and 3D signals over two CATx cables, and provides a bi-directional RS-232 link to each remote source device when using compatible CATx transmitters. Each input port de-embeds digital audio from the HDMI stream, and outputs via an S/PDIF connector locally while maintaining the audio content to the router's main crosspoint board.

Compatible products

- Transmitters:
 - WP-HDMI-TP-TX50R
 - WP-DVI-HDCP-TP-TX50R
 - DVI-TP-TX200
 - DVI-TP-TX300
 - DVI-HDCP-TP-TX50
 - DVI-HDCP-TP-TX100R
 - HDMI-TP-TX50
 - HDMI-TP-TX100R
 - HDMI-TP-TX200R



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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):	3.1 A (typical), 5.1 A (max.)
Power consumption (5 V):	2.1 A (typical), 2.4 A (max.)
Calculated AC Power (W):	29.6 (typical), 41.2 (max.)
Heat dissipation (BTU):	23 (typical), 26 (max.)
Weight:	1000 g
Input connectors:	RJ45, RS-232

Port diagram

