

WyreStorm MX-1010-HDBT-H2X 10x10 4K HDR HDBaseT Matrix Switcher with 30x10 Audio Matrix and DSP

Inputs	10x HDMI In19-pin type A 10x S/PDIF In Coaxial Digital
Outputs	10x HDMI 19-pin type A (Mirrors HDBaseT™) 10x HDBaseT™ 8-pin RJ-45 female 10x S/PDIF Out Coaxial Digital 10x Audio Out 3pin Phoenix Connector
Output Video Encoding	HDBaseT™ Class A
Encoding Data Rate	9.2Gbps
End to End Latency	10µs (micro seconds)
Audio Formats	S/PDIF: 2ch PCM Multichannel: Up to 5.1 DTS and Dolby Digital HDMI: 2ch PCM Multichannel: LPCM and Up to DTS-X and Dolby Atmos
Video Resolutions (Max)	HDMI 1920x1080p @60Hz 12bit (15m/50ft) 16bit (7m/23ft) 3840x2160p @30Hz 4:4:4 8bit (7m/23ft) @24Hz 4:2:0 HDR 10bit (3m/9.8ft) 4096x2160p @60Hz 8bit 4:2:0 (7m/23ft) Cat6 1920x1080 @60Hz 12bit (100m/328ft) 16bit (70/230ft) Long Cable Mode Forced Resolution: 1920x1080p @60Hz 12bit (140m/460ft) 3840x2160p @30Hz 4:4:4 8bit (70m/230ft) 24Hz 4:2:0 HDR 10bit (70m/230ft) 4096x2160p @60Hz 4:2:0 8bit (70m/230ft) Cat6a/7 1920x1080p @60Hz 12bit (100m/328ft) 16bit (100m/328ft) Long Cable Mode Forced Resolution: 1920x1080p @60Hz 12bit (140m/460ft) 3840x2160p @30Hz 4:4:4 8bit (100m/328ft) @24Hz 4:2:0 HDR 10bit (100m/328ft) 4096x2160p @60Hz 4:2:0 8bit (100m/328ft) Cat6a/7 (Extended Distance Mode) 1920x1080p @60Hz 12bit (140m/460ft)
Color Depth	1080p: 16bit 4K UHD: 8bit HDR @24p: 10bit BT.2020
Maximum Pixel Clock	HDMI: 600mHz HDBaseT: 297MHz

Communication and Control

HDMI	HDMI HDCP 2.2 compliant EDID DVI/D supported with adapter (not included)
HDBaseT™	HDMI HDCP 2.2 compliant EDID ARC PoH (1way) Bidirectional IR and Ethernet
Ethernet	1x 8-pin RJ-45 female Web UI IP Control Bidirectional over HDBaseT™
IR	1x IR Ext - 3.5mm (1/8in) Stereo Matrix Control 10x IR RX - 3.5mm (1/8in) TRS Stereo 10x IR TX - 3.5mm (1/8in) TS Mono Transmits to receiver via HDBaseT™
RS-232	Matrix Control Bidirectional over HDBaseT™ Firmware Updates
ARC (Audio Return Channel)	Returns audio from displays built-in applications via ARC HDMI Input over HDBaseT™

Power

Power Supply	Input: 100~240V AC 50/60Hz
PoH	48V Each HDBaseT™ Output: 15.4W All Outputs: 95W
Max Power Consumption	Default Configuration: 200W Note: Power Consumption increases by +11W for each optional TX-H2X-HDBT card installed. Max of 6 TX-H2X-HDBT cards can be used within a single matrix when using PoH.

Environmental

Operating Temperature	32°F ~ 113°F (0°C ~ 45°C) 10% ~ 90%, non-condensing
Storage Temperature	-4°F to ~ 158°F (-20°C ~ +70°C) 10% ~ 90%, non-condensing

Maximum BTU	682 BTU/hr
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Dimensions & Weight

Rack Units/Wall Box	4U
Height With Without Feet	183.1mm/7.22in 176mm/6.93in
Width With Without Brackets	483mm/19.02in0mm/0in 440mm/17.33in
Depth With Without Handles	420.7mm/16.57in0mm/0in 382.7mm/15.07in
Weight	15.6kg/34.32lbs

Regulatory

Safety and Emission	CE FCC RoHS
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