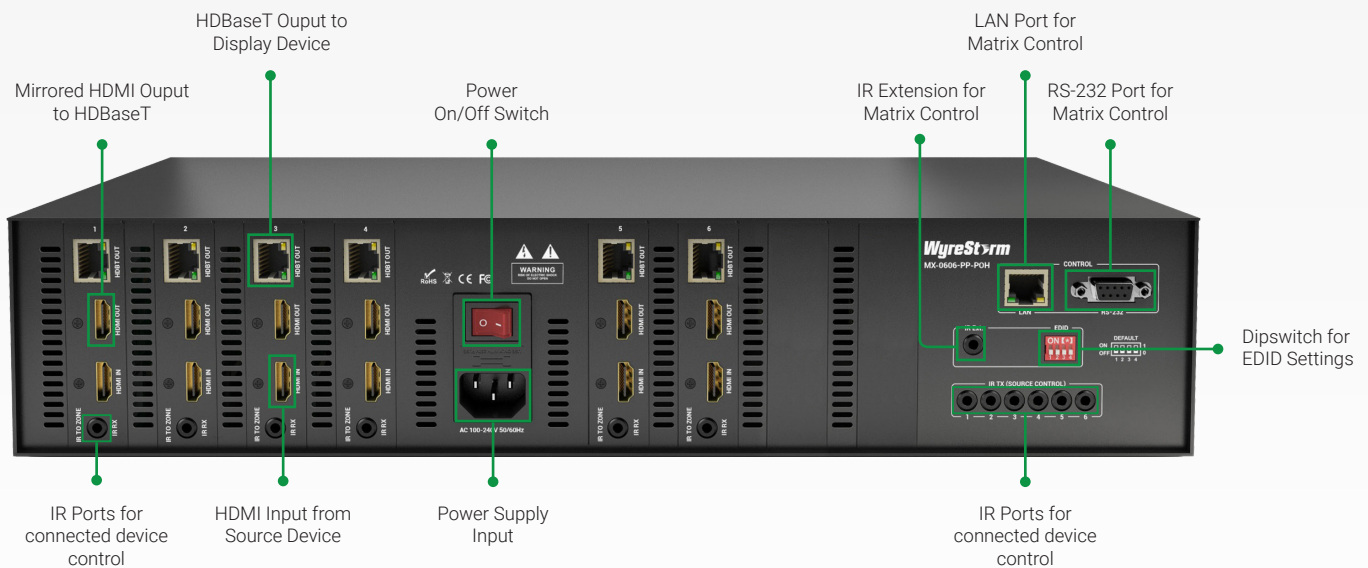


6x6 HDBaseT™ Matrix Switcher with HDMI Mirror Outputs, Bidirectional IR, Routed RS-232 and PoH (1080p: 70m/230ft)

MX-0606-PP-POH

WyreStorm

Specification Sheet



HDBaseT™ HDMI HDCP PoH

WyreStorm - Because the Technology Matters.

Introduction

Looking to reliably distribute up to six HD sources to up to six HD display zones over distance with flexibility of control and installation? Look no further than the MX-0606-PP-POH for medium-sized residential or light commercial applications of any kind.

The MX-0606-PP-POH features rock solid HDBaseT™ Class B platform to support transmissions of 1080p@60Hz 36bit deep color video, multi-channel digital audio up to 7.1, 2-way IR control and routable RS-232 for serial control of display zones up to 70m/230ft.

Key Features

- Class B HDBaseT™ technology for one-cable transmissions of 36bit Deep Color Full 1080p HD video @60Hz, HD audio, bidirectional IR and routed serial control with low voltage Power-over-HDBaseT™ up to 70m/230ft.
- Featuring 6 x TX-POH-010 HDBaseT™ Out, HDMI Out, HDMI In, IR In transmission cards
- Duplicate HDMI output to allow simultaneous connection of a second local 'mirrored' screen, AVR or extender product
- IR in allows control signals to be sent to the sink device
- Routed RS-232 allows serial control of all connected output devices
- PoH – power passed directly along Cat5e/6 cable up to 70m/230ft from the MX-0606-PP-POH matrix to all display receivers
- HDCP compliant
- Each output can be cascaded up to 7 times for even larger distributions spanning 42 displays covering a transmission distance of up to 2.9Km/ 1.8miles
- Reads and copies EDID from connected devices with additional EDID configuration through customizable DIP switch settings if necessary
- Fully compatible with the WyreStorm Enado user interface and all market leading third party control systems
- Wide range, two-way discrete IR control between source and display and vice versa (30 KHz to 56 KHz frequency)
- Simple switching remote control included
- Conforms to IEEE-568B standards

In the Box

1x MX-0606-PP-POH Matrix Switcher
1x IR Remote Handset
1x IR Receiver
6x Wide-band IR Receivers (30-50kHz)

6x IR Emitters
1x 100~240V AC 50/60Hz Power Cord (US | EU | UK)
2x Mounting Brackets
1x Quickstart Guide

Specifications

Audio and Video				
Inputs	6x HDMI 19-pin type A			
Outputs	6x HDMI 19-pin type A (Mirrors HDBaseT) 6x HDBaseT 8-pin RJ-45 female			
Audio Formats	2ch PCM Up to DTS-HD Master Audio and Dolby TrueHD			
Video Resolutions (Max)	Resolution	HDMI	Cat6	Cat6a/7
	1920x1080p @60Hz 12bit	15m/49ft	70m/230ft	100m/328ft
Supporting Standards	DCI			
Maximum Pixel Clock	225MHz			
Communication and Control				
HDMI	EDID DVI/D supported with adapter (not included)			
HDBaseT	EDID 1-way PoH Bidirectional IR and RS-232			
Ethernet	1x 8-pin RJ-45 female Web UI IP Control			
IR	1x IR Ext - 3.5mm (1/8in) Stereo Matrix Control 6x IR TX - 3.5mm (1/8in) Mono Bidirectional over HDBaseT 6x IR RX - 3.5mm (1/8in) Stereo Bidirectional over HDBaseT			
RS-232	Matrix Control Bidirectional over HDBaseT Firmware Updates			
Power				
Power Supply	Input: 100~240V AC 50/60Hz			
PoH	48V 15.4W (each HDBT output)			
Max Power Consumption	125W			
Environmental				
Operating Temperature	0 ~ +45°C (32 ~ +113 °F) 10% ~ 90% non-condensing			
Storage Temperature	-20 ~ +70°C (-4 ~ +158 °F) 10% ~ 90% non-condensing			
Maximum BTU	426.5 BTU/hr			
Dimensions and Weight				
Rack Units/Wall Box	2U			
Height With Without Feet	95.5mm/3.76in 87.7mm/3.46in			
Width With Without Brackets	481mm/18.94in 438mm/17.25in			
Depth With Without Handles	373.8mm/14.72in 347.8mm/13.7in			
Weight	6.7kg/14.74lbs			
Regulatory				
Safety and Emission	CE FCC RoHS			

Right Product for the Right Application.

