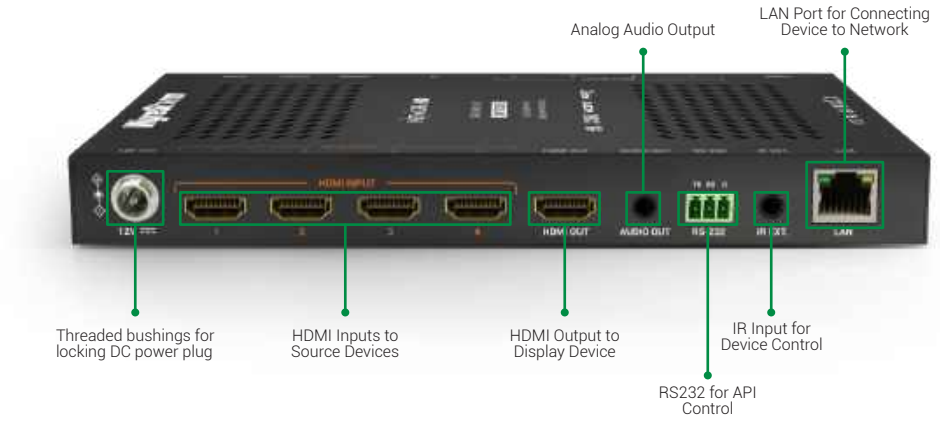
NetworkHD™ 4-Input 4K60 Multiview Switcher

NHD-0401-MV

Specification Sheet



WyreStorm - Powerful. Reliable.

Introduction

The NHD-0401-MV is a powerful multiview switcher that can be used as a standalone solution or with a NetworkHD 400 or 500 series system. The switcher comes pre-loaded with five different multiview layouts offering unique viewing experiences. 4K60 HDMI 2.0 inputs allow the switcher to support all the latest 4K HDR content with zero compression. Direct integration with the NHD-CTL-PRO provides a seamless solution for pairing this switcher with NetworkHD encoders & decoders to add multiview capability to an AV over IP project.

Key Features

- Can be used as a standalone multiview processor or pair with a NetworkHD 400 or 500 series system.
- Five pre-loaded multiview layouts available.
- Discretely choose which audio is playing from the four inputs.
- Supports the latest HDMI 2.0 content, including 4K60 4:4:4 and high dynamic range such as HDR10, HLG and Dolby Vision.
- Built-in HDMI downscaler automatically adjusts resolution to match the maximum capability of the connected display
- Built-in web interface for standalone configurations
- Analog audio de-embed for connection to 3rd-party audio systems
- Front panel control buttons for switching inputs and multiview layouts
- Compatible with NetworkHD Touch

In the Box

1xNHD-0401-MV Multiview Processor
1x 12V Power Supply (US/EU/AU/UK)
1x IR Remote
1x IR Receiver Cable
1x 3-pin Terminal Block
2x Mounting Brackets

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Specifications

Audio and Video	
Inputs/Outputs	4x HDMI 2.0b In 1x HDMI 2.0b Out 1x 3.5mm TRS Analog Out
Output Video Encoding	Uncompressed HDMI
Video Resolutions (Max)	4096x2160p @ 60Hz 8bit 4:4:4 or RGB 3840x2160p @ 60Hz 12bit 4:2:2 Dolby Vision 3840x 2160p @ 60Hz 10bit 4:2:2 HDR10/HLG 1920x1080p @60Hz 12bit
Maximum Pixel Clock	600MHz
Supported Standards	RGB | DCI | BT.2020 | Rec.709
Communication and Control	
HDMI	HDMI 2.0b | HDCP 2.2 | CEC | EDID
Network	1x 1GbE RJ45
RS-232	1x 3-Pin Phoenix Connector (API Control)
IR	1x IR RX 3.5mm TRS Stereo Jack
Power	
Power Supply	12V DC 2A
Power Consumption	18W
Environmental	
Operating Temperature	0 to + 45°C (32 to + 113 °F), 10% to 90%, non-condensing
Storage Temperature	-20 to +70°C (-4 to + 158 °F), 10% to 90%, non-condensing
Maximum BTU	61 BTU/hr
Dimensions and Weight	
Rack Units/Wall Box	<1U
Height	24mm/0.94in
Width	215mm/8.46in
Depth	120mm/4.72in
Weight	0.81kg/1.8lbs
Regulatory	
Safety and Emission	CE | FCC | RCM | EAC | RoHS