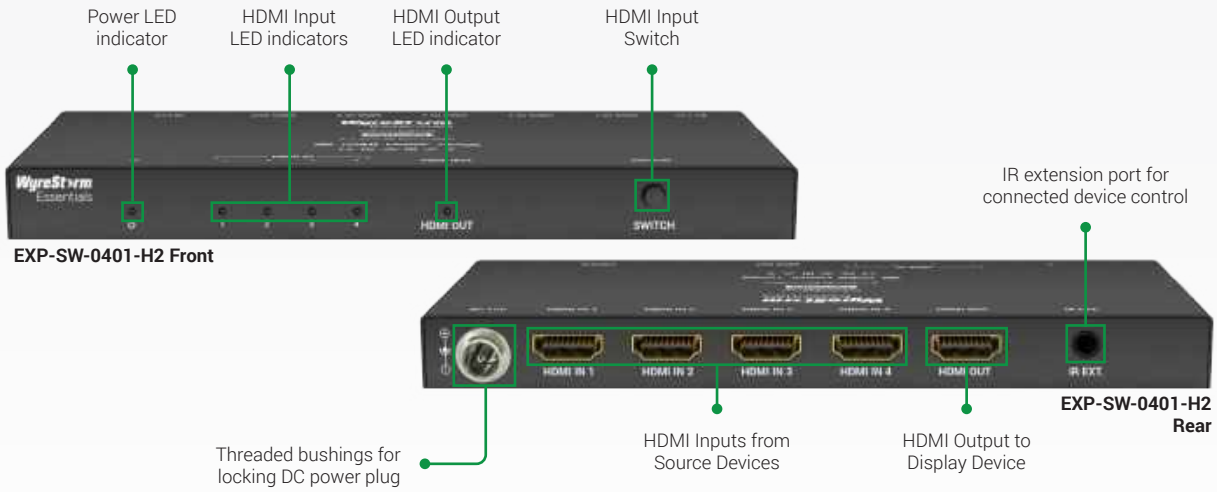
WyreStorm Essentials 4K HDR 4x1 HDMI Switcher with Auto-Switching, HDCP 2.2 & Remote

EXP-SW-0401-H2

WyreStorm Essentials

Specification Sheet



WyreStorm - Powerful. Reliable. Simple.

Introduction

The WyreStorm EXP-SW-0401-H2 is a powerful plug-and-play 4K switcher solution. With up to 18Gbps pure HDMI support, which allows up to 4 4K HDR sources to be routed to a single display.

The EXP-SW-0401-H2 is capable of auto switching, giving the user the convenience of simply turning on their favorite device without the requiring manual intervention. Furthermore, the EXP-SW-0401-H2 is equipped with signal compensation, allowing an extender or splitter to connect to its output without degrading or delaying the signal.

Key Features

- A true plug & play HDMI switcher, supporting up to four 4K HDR sources to one screen
- Compatible with the latest HDR standars, such as HDR10, HLG and Dolby Vision
- HDCP 2.2 compliant
- Automatic input cable equalization and signal regeneration eliminates signal degradation
- Slim design allows discrete placement, but sleek enough to show off in open spaces

In the Box

1x EXP-SW-0401-H2 Switcher
1x 12V DC Power Supply (US/UK/EU/AU)
2x Mounting Brackets
1x IR Remote Control
1 x IR Receiver Cable

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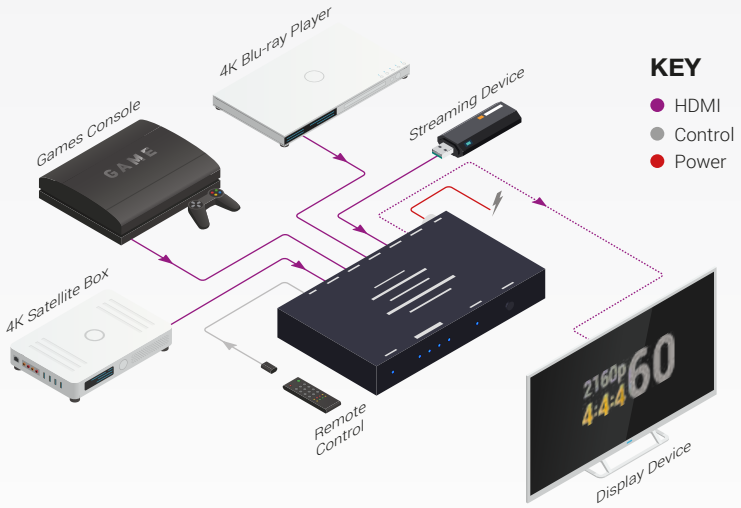
Specifications

Audio and Video		
Inputs	4x HDMI In: 19-pin type A	
Outputs	1x HDMI Out: 19-pin type A	
Video Encoding	HDMI | TMDS	
Encoding Data Rate	NA	
End to End Latency	NA	
Audio Formats	2ch PCM | Multichannel: LPCM and up to DTS-X and Dolby Atmos	
Video Resolutions (Max)	**Resolution**	**HDMI**
	1920x1080p @60Hz 16bit	7m/23ft
	3840x2160p @60Hz 8bit 4:4:4 HDR	3m/12ft
	4096x2160p @60Hz 12bit 4:2:2 Dolby Vision/HDR10	3m/12ft
Supported Standards	DCI | RGB | HDR | HDR10 | Dolby Vision | HLG | ALLM | VRR | BT.2020 | BT.2100	
Maximum Pixel Clock	600MHz	
Color Depth	12bit	
Communication and Control		
HDMI	HDCP 2.2 | EDID | DVI-D supported with adapter (not included)	
IR	1x IR Ext. Port	
Push Button	Front Panel Push Button	
Power		
Power Supply	12V DC 1A	
Max Power Consumption	3.2W	
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	10.92 BTU/hr	
Dimensions and Weight		
Rack Units/Wall Box	<1U	
Height	16mm/0.62in	
Width	175mm/6.9in	
Depth	66.2mm/2.6in	
Weight	0.25kg/0.55lbs	
Regulatory		
Safety and Emission	CE | FCC | RoHS | EAC | RCM	

Note: WyreStorm reserves the right to change product specification, appearance or dimensions of this product at any time without prior notice.

Basic Wiring Diagram



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