

SP12S-8K

HDMI 2.1 48Gbps Auto-Scaling 1 to 2 HDMI Splitter with HDR to SDR Conversion

The SP12S-8K HDMI 48Gbps Auto scaling HDMI splitter will scale 8K-4K-1080p automatically. The EDID setting is factory preset to copy the EDID from output number 1. Output number 2 will automatically scale to the EDID detected on that output. It will also convert HDR to SDR on that output if needed as well automatically. The EDID shown to the source can be changed and when doing so, the SP12S-8K will now auto scale to each output. In addition, there is an optical S/PDIF audio breakout for signals from stereo to 5.1. there is also a parallel 3.5 mm mini-jack that will output stereo as long as the source is outputting stereo.

SIMPLIFIED
MFG



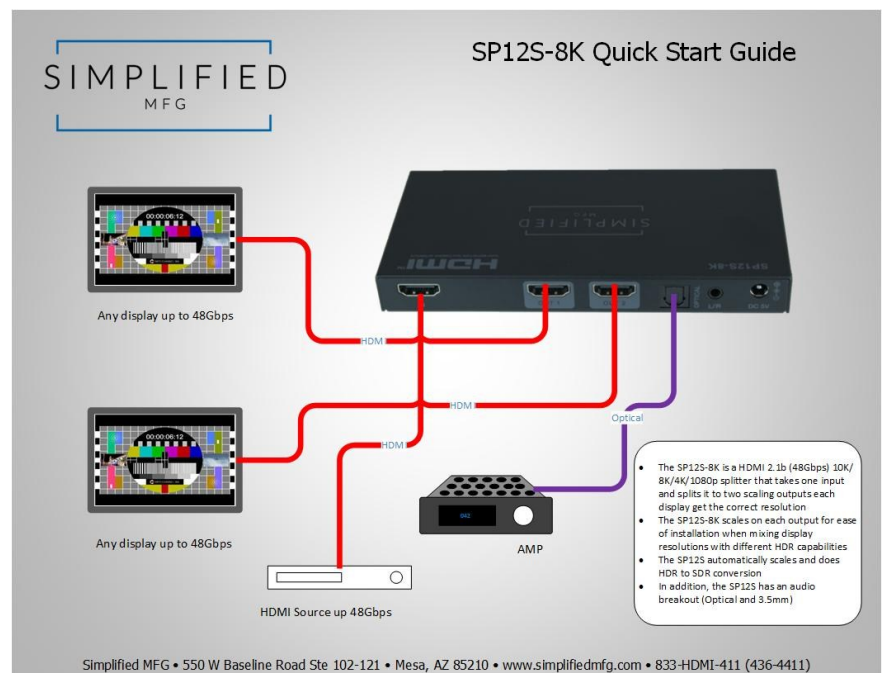
Connection Side



Switch Side

Features:

- HDMI 2.1b and HDCP2.3 compliant
- Supports both FRL and TMDS
- Resolutions up to 8K 60Hz. 4:2:0 12-bit/4K 120Hz. 4:4:4 12-bit
- HDR, HDR 10, HDR 10+, Dolby Vision, HLG pass-thru/conversion
- Auto scales and converts HDR to SDR
- Optical S/PDIF and 3.5mm audio extraction
- Fits in CXRU1 rack mount system
- 3-year warranty



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Specifications:

Technical	
HDMI Compliance	HDMI 2.1b
HDCP Compliance	HDCP 2.3 and HDCP 1.4
Video Bandwidth	48 Gbps
Video Resolutions	Up to 8K@60Hz 4:2:0 12bit, 4K@120Hz 4:4:4 12bit
Color Space	RGB, YCbCr 4:4:4, YCbCr 4:2:2, YCbCr 4:2:0
Color Depth	8/10/12-bit
HDMI Audio Formats (Pass-through)	HDMI input/output: LPCM 2/5.1/7.1CH, Dolby Digital, DTS 5.1, Dolby Digital+, Dolby TrueHD, DTS-HD Master Audio, Dolby Atmos, DTS:X Audio De-embedding output: Optical: LPCM/Dolby/DTS 5.1ch. Analog: LPCM 2.0 ch.
ESD Protection	Human body model — ±8kV (air-gap discharge) & ±4kV (contact discharge)
Connections	
Inputs	1 x HDMI Type A [19-pin female]
Outputs	12x HDMI Type A [19-pin female] 1 x Optical S/PDIF 1x 3.5mm analog audio breakout
Mechanical	
Housing	Metal Enclosure
Color	Black
Dimensions	145mm/5.71" [W] x 68mm/2.67" [D] x 17mm/0.70" [H]
Weight	260g/ 9.17oz.
Power Supply	Input: AC100 - 240V 50/60Hz Output: DC 5V/1A (US/EU standards, CE/FCC/UL certified)
Power Consumption	4.5W Max
Operating Temperature	32 - 104°F / 0 - 40°C
Storage Temperature	-4 - 140°F / -20 - 60°C
Relative Humidity	20 - 90% RH (no condensation)