

KanexPro 1x4 HDMI 8K@60 Splitter

8K 1 In 4 Out HDMI Splitter

MPN: SP-HD1X48K



The **KanexPro SP-HD1X48K** Splitter is a high performance HDMI splitter designed to distribute a single HDMI input signal to four HDMI output displays. It supports 8K resolution (7680x4320) at 60Hz, as well as other high-definition video standards. The splitter is ideal for applications where you need to send the same high-quality HDMI signal to multiple displays, such as in home theaters, professional AV setups, digital signage, or multi-display environments.

The **KanexPro SP-HD1X48K** 1x4 splitter is an advanced solution for splitting single HDMI signal to 4 HDMI outputs synchronously, with video resolution up to 8K@60 4:2:0 12bit. It supports data rates up to 48Gbps to comply with HDMI 2.1 and HDCP 2.3 requirements. It includes several features for ease of integration, including EDID management, cable equalization. This multi-functional product can work well with X-box or PS5 to achieve 4K@120Hz on your TVs or relative monitors.

Applications:

- Home Theater Systems
- Gaming
- Professional AV Installations
- Broadcasting and Live Events
- Multi-Room AV Systems
- Education and Lecture Halls
- Corporate Events and Trade Shows
- Live Streaming Studios
- Retail Displays
- Testing and Evaluation

Key Benefits of Using an SP-HD1X48K Splitter

- Supports 8K Resolution at 60Hz
- High Bandwidth (48Gbps)
- Backward Compatibility with Lower Resolutions
- Supports HDR (High Dynamic Range)
- Dual HDMI Outputs
- HDMI 2.1 Compliance
- Easy Plug-and-Play Installation
- Compact and Durable Design
- No Signal Loss or Quality Degradation
- Ideal for Multi-Screen Setups

FEATURES

- HDCP 2.3 compliant
- Support 48Gbps FRL and 18Gbps TMDS video bandwidth
- Support video resolution up to 8K@60Hz 4:2:0 12bit, 4K@120Hz 4:4:4 12bit, as specified in HDMI 2.1
- HDMI 2.1 protocols: VRR, ALLM, QMS, QFT, SBTM are supported
- Support HDR, HDR 10, HDR 10+, Dolby Vision, HLG pass-through
- LPCM 7.1CH, Dolby TrueHD, Atmos and DTS-HD Master, DTS:X Audio pass-through
- 8K to 4K or 8K/4K to 1080P auto downscaling on all outputs
- HDR to SDR auto converting on all outputs
- Advanced EDID management
- Compact design for easy and flexible installation

SPECIFICATIONS

TECHNICAL	
HDMI Compliance	HDMI 2.1
HDCP Compliance	HDCP 2.3
Video Bandwidth	48Gbps FRL and 18Gbps TMDS
Video Resolution	Up to 8K@60Hz 4:2:0 12bit, 4K@120Hz 4:4:4 12bit
Color Depth	8/10/12-bit
Color Space	RGB, YCbCr_4:4:4, YCbCr_4:2:2, YCbCr_4:2:0
HDMI Audio Formats	HDMI input/output: LPCM, Dolby Digital/Plus/EX, Dolby True HD, Dolby Atmos, DTS, DTS-EX, DTS-96/24, DTS High Res, DTS-HD Master Audio, DSD
HDR	HDR, HDR10, HDR10+, Dolby Vision, HLG
ESD Protection	IEC 61000-4-2: ±8kV (Air-gap discharge) & ±4kV (Contact discharge)

Video Resolution	8K	4K@60	4K@30	1080P
HDMI Cable Type	Ultra HDMI 2.1	HDMI 2.0	HDMI 1.4	HDMI 1.4
HDMI Cable Length (HDMI IN / OUT)	3m/10ft	8m/26ft	12m/39ft	15m/49ft
The use of "Premium High-Speed HDMI" cable is highly recommended.				

Mechanical	
Housing	Metal Enclosure
Colour	Black
Dimensions	145mm [W] × 68mm [D] × 17mm [H]
Weight	263 g
Operating Temperature	0°C ~ 40°C / 32°F ~ 104°F
Storage Temperature	-20°C ~ 60°C / -4°F ~ 140°F
Power Supply	Input: AC100-240V 50/60Hz, Output: DC 5V/1A (US/EU standards, CE/FCC/UL certified)
Power Consumption (Max)	5.5W (Max)
Relative Humidity	20-90% RH (Non-condensing)

Connection	
Input	1 × HDMI IN [Type A, 19-pin female]
Output	4 × HDMI OUT [Type A, 19-pin female]
Control ports	1 × SERVICE [USB Type C, Update Port]

APPLICATION DIAGRAM

