

18G 1x8 HDMI 2.0 Splitter Extender
150m Kit

Reduce the complexity of integrating components across long distances

MPN: SP-1X8HD150M



The KanexPro SP-1X8 HD150M 18Gbps HDMI 1 X 8

Premium Extender Splitter cab extend and distribute a single high-definition Video-Audio source at distance up to 429 ft/ 150 meters between transmitter and up to eight (8) display devices.

Support up to 4K@60Hz 4:4:4 video resolution. It is designed with one loop HDMI loop out and 8 CATx output. The HDMI signal transmission distance can be extended up to 120 meters at the resolution of 4K@60 4:4:4, or 150 meters at 1080p@60Hz via a single CAT6/6a/7 cable.

This product supports IR and RS-232 signal pass-through, audio extract function and advanced EDID management.

Industry Standard HDCP 2.2 & 4K

HDCP 2.2 and 4K support ensure that the KanexPro SP-1X8 HD150M not only provides security and compliance with industry standards but also delivers exceptional video performance in today's high-definition environments. It also supports HDR, HDR10+, HLG and Dolby vision. 7.1Ch HD audio pass-through ensuring that your system doesn't just deliver stunning visuals but also top-tier audio, which is crucial for a fully immersive AV experience.

Applications:

- Home theater systems
- Gaming setups
- Conference rooms and meeting spaces
- Digital signage
- Educational environments
- Professional AV installations
- Entertainment venues
- Live streaming and production

Key Benefits of Using an SW-4X1HDAUD Switcher:

- Multiple HDMI Inputs
- 4K Video Support
- Audio Extraction
- Ease of Use with IR & RS-232
- Compact and Simple Design

FEATURES

- HDMI 2.0a compliant
- HDCP 2.2 & 1.x compliant
- Support resolution to 4K@60Hz 4:4:4
- Support 18Gbps video bandwidth
- Support HDR, HDR+, HLG and Dolby vision.
- Digital and analog audio de-embedded output
- Support PCM, Dolby TrueHD, DTS-HD Master Audio up to 7.1CH
- Extend the signal transmission distance up to 120 meters at the resolution of 4k@60, 150 meters at 1080p@60 via single CAT6/6a/7 cable
- Support 1 HDMI input, 1 HDMI loop output and 8 Premium Extender Outputs
- Support advanced EDID management
- IR, RS-232 routed to Premium Extender output
- Support one-way POC function (only from transmitter to receiver)
- Compact design for easy and flexible installation.

SPECIFICATIONS

TECHNICAL	
HDMI Compliance	HDMI 2.0a
HDCP Compliance	HDCP 2.2/1.x
Video Bandwidth	594MHz/18Gbps
Video Resolution	Up to 4k2k@60Hz 4:4:4
Color Depth	8-bit,10-bit,12-bit (1080p@60Hz) 8-bit (4K2K@60Hz YUV4:4:4) 8-bit,10-bit,12-bit (4K2K@60Hz YCbCr 4:2:2/4:2:0)
Color Space	RGB 4:4:4, YCbCr 4:4:4 / 4:2:2 / 4:2:0
HDR	Support HDR, HDR10+, HLG, Dolby vision
HDMI Audio Formats	LPCM 2.0/2.1/5.1/6.1/7.1, Dolby Digital, Dolby TrueHD, Dolby Digital Plus (DD+), DTS-ES, DTS HD Master, DTS HD-HRA, DTS-X
Coaxial Audio Formats	PCM2.0, Dolby Digital / Plus, DTS 2.0/5.1
Analog Audio Formats	PCM 2.0CH
ESD Protection	Human body model—±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	Transmitter: 220mm (W) x 130mm (D) x 40mm (H) Receiver: 140mm (W) x 65mm (D) x 18mm (H)
Weight	Transmitter: 853g & Receiver: 246g
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 24V/2.7A (US/EU standards, CE/FCC/UL certified)
Power Consumption (Max)	35W
Relative Humidity	20-90% RH (Non-condensing)

Connection	
Input	1x HDMI Type A (19-pin female)
Output	1x HDMI Type A (19-pin female) 8x Premium Extender OUT [RJ45] 1x Coaxial Audio OUT [RCA] 1x L/R Audio OUT [5-pin phoenix connector]
Control ports	1x RS-232 (3-pin phoenix connector) 1x EDID DIP switch [5-pin]

APPLICATION DIAGRAM

