

18G 1x4 HDMI 2.0 Splitter Extender
50m Kit

Reduce the complexity of integrating components across long distances

MPN: 1X4HD150M



The **KanexPro SP-1X4HD150M** 18Gbps HDMI 1x4 Premium Extender Splitter can extend and distribute a single high-definition video / audio source at distances up to 492ft / 150 meters between transmitter and up to four (4) receivers via a single CAT cable to any of the four (4) display devices. Support video resolution up to 4K2K@60Hz 4:4:4. It is designed with 1 HDMI loop output and 4 Cat5/6 outputs.

The HDMI signal transmission distance can be extended up to 120 meters at the resolution of 4K2K@60Hz, or 150 meters at 1080P@60Hz via a single CAT6/ 6a/7 cable. The product supports IR and RS-232 signal pass-through, audio extract function and advanced EDID management. Receivers are remotely powered by the transmitter unit via POC (Power over Cable) technology.

Applications:

- Home theater systems
- Commercial Displays
- Conference Rooms and Meeting Spaces
- Event Venues and Sports Bars
- Education & Training Centers
- Gaming Setups
- Professional Audio/Video Setups

Key Benefits of Using an SP-1X4HD150M:

- Supports 4K Resolution at 60Hz (with HDR)
- Long Distance HDMI Signal Extension (Up to 150 meters)
- 18Gbps Bandwidth
- HDCP 2.2 Compliance
- Enhanced Audio and Video Performance
- Compact and Durable Design
- Cost-Effective Solution for Multi-Screen Setups
- Wide Compatibility
- Multiple Display Output

FEATURES

- HDMI 2.0b, HDCP 2.2 and HDCP 1.x compliant
- Support 18Gbps video bandwidth
- Support video resolution up to 4K2K@60Hz 4:4:4
- Support HDR, HDR10+, HLG and Dolby vision
- Support up to 7.1CH HD audio pass-through
- Support digital and analog audio de-embedded output
- Extend the signal transmission distance up to 120 meters at the resolution of 4K2K@60Hz, 150 meters at 1080P@60Hz via a single CAT6/6a/7 cable
- Support 1 HDMI input, 1 HDMI loop output and 4 Premium Extender outputs.
- IR, RS-232 routed to Premium Extender output
- Advanced EDID management
- Support one-way POC function (only from transmitter to receiver)
- Compact design for easy and flexible installation

SPECIFICATIONS

TECHNICAL	
HDMI Compliance	HDMI 2.0b
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) 4x 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] 1x IR IN [3.5mm Stereo Mini-jack] 1x IR OUT [3.5mm Stereo Mini-jack]

APPLICATION DIAGRAM

