

KanexPro 1x2 HDMI 8K@60 Splitter

8K 1 In 2 Out HDMI Splitter

MPN: SP-HD1X28K



The **KanexPro SP-HD1X28K** Splitter is a high-performance HDMI splitter designed to distribute a single HDMI input signal to two 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-HD1X28K** 1x2 splitter is an advanced solution for splitting single HDMI signal to 2 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-HD1X28K 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-bit,10-bit,12-bit |
| Color Space | RGB_4:4:4, 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 | 95mm [W] × 68mm [D] × 18mm [H] |
| Weight | 177 g |
| Operating Temperature | 0°C ~ 40°C / 32°F ~ 104°F |
| Power Supply | Input: AC100-240V 50/60Hz, Output: DC 5V/1A (US/EU standards, CE/FCC/UL certified) |
| Power Consumption (Max) | 4.3W (Max) |
| Relative Humidity | 20-90% RH (Non-condensing) |

| Connection | |
|---------------|---------------------------------------|
| Input | 1 × HDMI IN [Type A, 19-pin female] |
| Output | 2 × HDMI OUT [Type A, 19-pin female] |
| Control ports | 1 × SERVICE [USB Type C, Update Port] |

APPLICATION DIAGRAM

