

## 4K UHD 1x16 HDMI Distribution Amplifier

Ultra HD 4K Splitter with Sixteen HDMI Outputs

MPN: HDSP164K



The **KanexPro 1x16 HDMI Distribution Amplifier** is an installer-friendly, lightweight HDMI splitter that distributes one HDMI input into sixteen identical outputs supporting uncompressed 4K UHD resolutions. The conforming outputs also have the ability of buffering and amplifying all the HDMI signals. It can achieve long distance transmission of HDMI signals up to 50 feet (15 meters) or can be combined with our HDBaseT™ Extenders to route distances up to 330 feet (100 meters). It accepts computer resolutions up to WUXGA (1920x1200 @ 60Hz), including HDTV 1080p/60 and 4K/60 with built-in EDID management.

The 1x16 DA fully conforms to the latest High Speed HDMI specifications with HDCP 2.2. This professional HDMI splitter is optimized for routing HDMI video and embedded multi-channel digital audio to multiple display environments such as residential or digital signage markets, airports, shopping malls and medical imaging markets.

### FEATURES

- Distribute 4K HDMI video and audio signals to up to 16 displays
- Supports full HD 1080p (1920 x 1080@60Hz) & 4K UHD
- Conforms to High Speed HDMI specifications- (Deep color, HD lossless audio formats & Lip Sync)
- Supports Dolby Digital, DTS-HD and Dolby True HD audio
- HDCP 2.2 compliant
- Built-in Smart EDID Control
- Front-panel LED's for input/ output signal presence
- 5VDC external power supply included

### SPECIFICATIONS

**Input:**  
HDMI x 1

**Output:**  
HDMI x 8

**Video Amplifier Bandwidth:**  
10.2 Gbps

**Video Formats Supported:**

- 4Kx2K@30Hz with 24 bit RGB / YcbCR 4:4:4 / YCBCR 4:2:2
- 4Kx2K@60Hz with 12 bit YCBCR 4:2:0
- 3D: Frame Sequential up to 1080p/60 - QSXGA@60Hz

**Color Depth:**  
12 bit per channel and xvYCC color space

**Input DDC signal:**  
5V (peak-to-peak)

**Power Supply:**  
5V DC@3A

**Enclosure:**  
Metal (for better RF shielding)

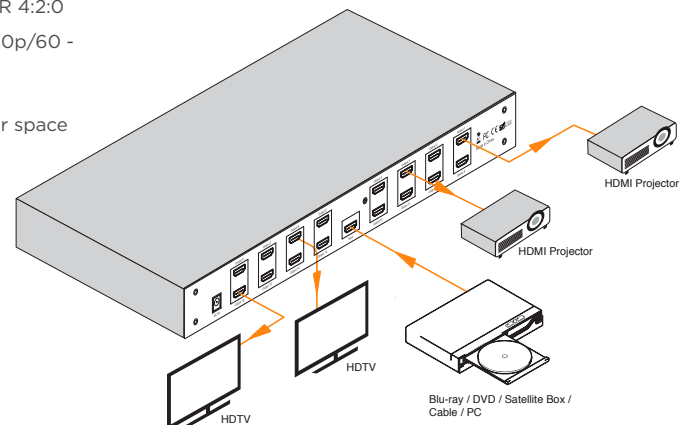
**Operating Temperature:**  
0°C to +70°C

**Regulatory Approvals:**  
FCC, CE, UL

**Dimensions:**  
10"x4.5"x1.125" (254x114x29mm)

**Weight:**  
1.6 lbs. (740g)

**Warranty: 1**  
Year parts and labor



### ABOUT KANEXPRO

KanexPro carries a broad selection of A/V connectivity products by leveraging the core strength in professional systems enabling you to broadcast, convert, extend, split, or multiply HD signal transmissions; simply and cost-effectively. KanexPro is a trademark. HDMI, the HDMI logo, and High-Definition Multimedia Interface are trademarks or registered trademarks of HDMI Licensing, LLC in the United States and/or other countries. All other product or service names are the property of their respective owners.