

HDMI 4x1 Switcher with Digital & Stereo Audio

Switch HD video with digital or stereo audio between four HD sources

MPN: HDSW4HF



The KanexPro HDMI switcher is a four input, one output designed to support High HDMI specification and features, including data rates up to 2.25 Gbps per channel, Deep Color, Lip Sync, and HD lossless audio formats. It supports HDCP and ensures interoperability with other HDCP compliant devices.

As an added feature for audio enthusiasts, this HDMI switcher extracts the audio signal from the HDMI interface embedding to Toslink, digital coax or stereo audio.

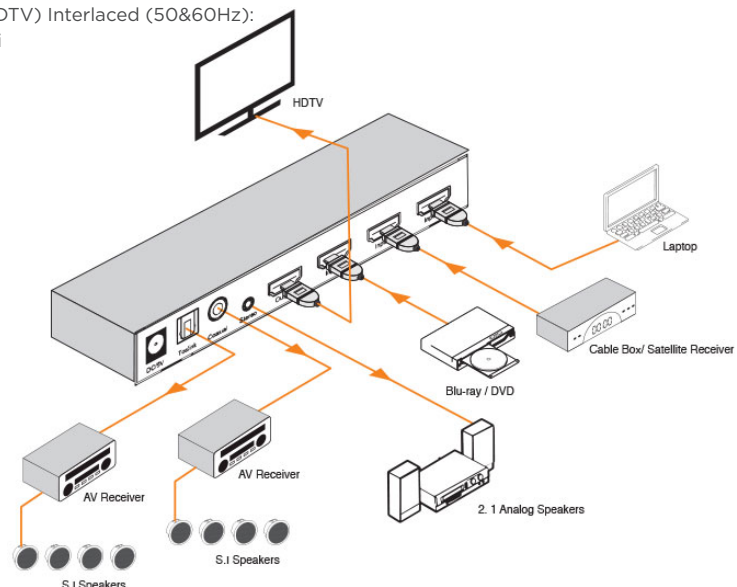
A built-in repeater chip for signal equalization compensates for long distance transmission of HDMI signals up to 50 feet (15meters). It supports full HD resolutions up to 1080p@60Hz, color depth of 12 bits per channel and support for multi-channel digital audio. This switcher is optimized for a variety of installation environments including digital signage, classroom and medical imaging markets.

FEATURES

- Switch HDMI video with digital or stereo audio between four HD sources
- Supports data rates up to 2.25 Gbps per channel
- Supports full HD 1080p (1920 x 1080@60Hz)
- Supports High Speed HDMI Specifications - (Deep color, HD lossless audio formats & Lip Sync)
- Supports uncompressed audio such as LPCM and compressed audio such as DTS Digital, Dolby Digital (including DTS-HD and Dolby True HD)
- HDCP compliant
- Digital audio breakout to Toslink, Coaxial or stereo audio
- Front-panel LED's for input/ output signal presence
- Compact metal enclosure
- 5VDC external power supply included

SPECIFICATIONS

- **Input DDC Signal:** 5 Volts p-p (TTL)
- **Input & Output Signal:** High Speed HDMI Spec
- **Output Audio Signal:** Toslink, Coaxial, 3.5 mm Stereo
- **Operating Frequency:** Vertical Frequency Range: 50/60Hz
- **Video Amplifier Bandwidth:** 2.25Gbps per Channel
- **Resolutions:** (HDTV) Interlaced (50&60Hz): 480i, 576i, 1080i
- **Progressive (50&60Hz):** 480p, 576p, 720p, 1080p
- **External Power Supply:** 5V DC @ 2A
- **Power Consumption (Max):** 5W
- **Converter Unit:** FCC, Ce, UL
- **Power Supply:** UL, Ce, FCC
- **Environment Operating Temperature:** 0°C - +70°C
- **Operating Humidity:** 10% - 80% RH (No Condensation)



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.