

PERFORMANCE  
RELIABILITY  
AND  
VALUE

## HDMI 4x2 True Matrix Switcher

High-resolution matrix switcher with signal equalization and audio



The KanexPro HDMI matrix switcher is a four input with two outputs designed to support HDMI 1.3 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. 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 professional matrix switcher is optimized for a variety of installation environments including digital signage, classroom and medical imaging markets.

### Features

- Switch HDMI video and digital audio between the four Input HDMI sources
- Supports data rates up to 2.25 Gbps per channel
- Supports full HD 1080p (1920 x 1080@60Hz)
- HDMI 1.3 Compatible - (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
- Built-in repeater for cable input equalization
- Multi-channel audio support through Stereo, Toslink and Coaxial IR remote control included
- Front-panel LED's for input/ output signal presence
- Rack-mountable metal enclosure
- 5VDC external power supply included

### Specifications

**Input:** HDMI x 4

**Output:** HDMI x 2

**Video Amplifier Bandwidth:** 6.75 Gbps / 2.25Gbps per channel

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

**Power Supply:** 5V DC@2A

**Power Consumption:** 8W

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

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

**Dimensions:** 10.1"x4.4"x1" (258x112x26mm)

**Weight:** 1.6lbs (726g)

**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

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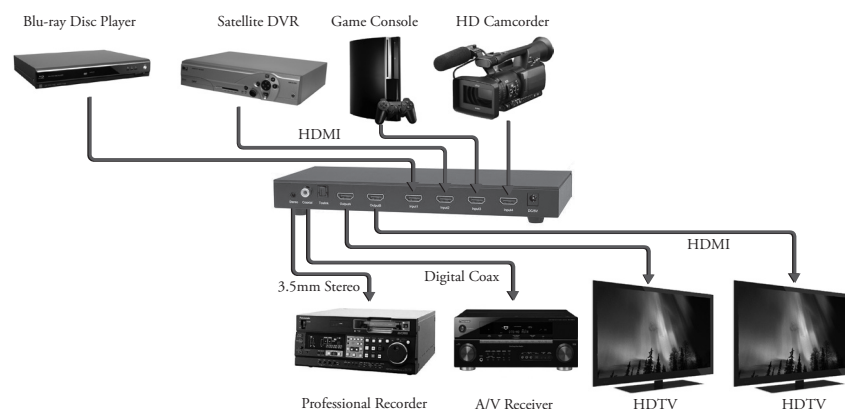
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### Connection Diagram

Source

Display



MPN: HD4X2MXAUSW