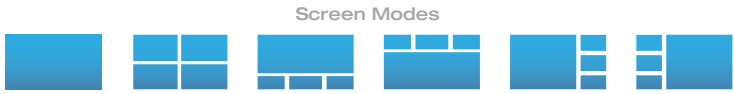


MultiView Matrix Switchers



KD-MLV4x2

4 Inputs to 2 Outputs MultiView Seamless Matrix Switcher, supports Ultra HD/4K



- ▶ **TMDs re-clocking:** Support for long HDMI connectivity using Key Digital® HDMI cables
- ▶ **Licensing:** Fully licensed and compatible with all HDMI and HDCP technologies
- ▶ **Control:** Front panel buttons, Serial IR, Optical IR, RS-232, TCP-IP and Web Control, including discrete power ON/OFF via IR, RS-232, and TCP-IP
- ▶ **Control System Support:** Compass Control®, AMX®, Control4®, Crestron®, KNX®, RTI®, Savant, URC®, Honeywell®, HAI®, Leviton®, etc.

Specifications

- ▶ Inputs (each): 1 HDMI connector, Type A, 19 pin female; 1 HD analog video 15-pin female, 1 analog audio connector, 3.5mm stereo female
- ▶ Outputs (each): 1 HDMI connector, Type A, 19 pin female; 1 digital coaxial audio on RCA connector, female, follows SPDIF format IEC 60958
- ▶ TMDs Bandwidth: 9 Gb/s Total
- ▶ Power Supply: KD-PS12V3A, 12V/3A, 100-240VAC, 50-60Hz, NEMA 1-15P Cord
- ▶ Rack Mount: 1U, full rack-width (rack ears included)
- ▶ Accessories: Rack Ears
- ▶ Product: 17.25" x 8.875" x 1.75"; Weight: 6.5 lbs
- ▶ Packaging: 18.5" x 13" x 3.5"; Weight 8.8 lbs
- ▶ Regulation: CE, RoHS, WEEE
- ▶ Enclosure: Black Metal



Key Features

- ▶ **HDMI Matrix Switching:** 4 HDMI/Analog sources to 2 HDMI outputs, independent in full-screen and quadrant modes
- ▶ **Seamless Switching:** Un-interrupted screen transitions during source selections in full-screen mode or multi-view modes
- ▶ **Resolution Support:** Supports SD, HD, and VESA input resolutions up to 1080p / 1920x1200 on HDMI and analog video Inputs
- ▶ **Analog to Digital Video Conversion:** Analog video input ports support VGA / DB15 or Component / YPbPr signal types
- ▶ **Ultra HD/4K Up-scaling:** Outputs independently upscale to Ultra HD/4K in 4K Quadrant mode
- ▶ **Multi-View Window Processing:** Create & store custom multi-view layouts, recall custom presets in 1080p (2K) Multi-View mode
 - » **Quadrant Mode (4K or 2K):** Independent outputs in four equally-sized windows
 - » **Multi-View Mode (2K):** Linked/mirrored outputs in customized screen layout
- ▶ **Image Layering:** Stack images with customizable priority settings
- ▶ **Window Transparency and Border:** View content through each other and choose window bezel width and coloring
- ▶ **Web Control Interface:** Reduces installation time and provides basic and advanced video and audio setup
- ▶ **Audio De-Embed:** Audio from the selected input is de-embedded through the Coax digital (PCM) output in addition to the HDMI output
- ▶ **Independent Video & Audio Matrixing:** Listen to any audio source while in quadrant or multi-view modes
- ▶ **Full Buffer System™:** Manages TMDs re-clocking / signal re-generation, HDCP authentication to source & display, and EDID Control handshake
- ▶ **EDID:** Internal library with 5 default EDID configurations for input, in addition to native EDID data for any Output / Display
- ▶ **Deep Color Support:** Up to 12 bits/color

System Design Example

