

Key Digital KD-MVL4x2 4x2 MultiView Seamless HDMI Matrix Switcher w Ultra HD/4K

Key Digital's Multi-View Series KD-MLV4x2 is a seamless matrix switcher with UHD/4K resolution up-scaling, multi-view window processing, analog to digital conversion of incoming VGA or YPbPr with analog audio signals, audio de-embedding, and independent audio from video matrix selection.

KD-MLV4x2 is designed to fit a wide variety of professional video installation and live-event needs. It is ideal for digital signage, video wall, conference & board room, class room, hometheater, and bar/restaurant applications.

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
- **TMDS re-clocking:** Support for long HDMI connectivity using Key Digital® HDMI cables
- **Deep Color Support:** Up to 12 bits/color
- **Licensing:** Fully licensed and compatible with HDMI up to 4KUHD/60Fps and HDCP 1.0 to HDCP 1.4 technologies. For HDCP 2.2 sources use KD-HDFIX22 in conjunction with this product.
- **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.