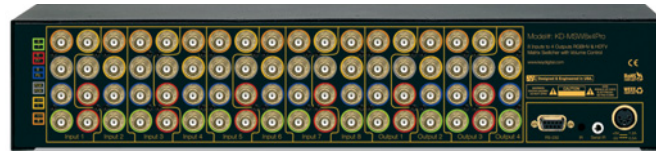
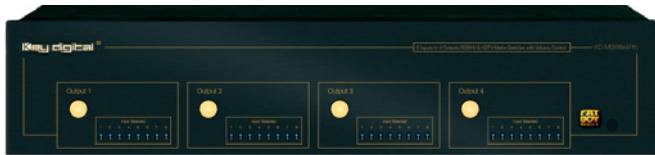


Component/RGBHV Matrix Switchers



KD-MSW8X4Pro

Video/Audio Matrix Switcher capable of switching up to 8 Component/RGBHV Video Sources/Inputs to 4 Zones/Outputs



Key Features

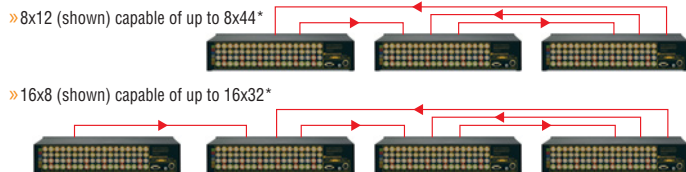
- Switches 8 Component Video sources with Analog and Digital Audio to 4 independent Zones/Outputs
- Switches 8 RGBHV Video sources with Digital Audio to 4 independent Zones/Outputs
- Supports all SD, HD, and VESA (VGA, SVGA, XGA, WXGA, SXGA, UXGA) resolutions up to 1080p (60Hz & 50Hz)
 - » SD & HD: 480i, 480p, 720p, 1080i, 1080p
 - » VESA / VGA (RGBHV): From 640x480p up to 1920x1200p
- Analog Audio Volume Control for each output in Component Mode

Key Benefits

- Built-in circuitry allows for cable (RG6) runs up to 300 ft. without signal degradation
- Serial IR, Optical IR, Front Panel, Discrete Remote Codes, & RS-232 control. Supports major control systems such as AMX®, Colorado vNet®, Control4®, Crestron®, HomeLogic™, life!ware™, RTI®, Savant, Universal®, Xantech®

Matrix Expansion

- Can be incrementally expanded (with additional units) up to 8 Sources/Inputs to 44 Zones/Outputs or 16 Sources/Inputs to 32 Zones/Outputs. Visit www.keydigital.com for expansion unit model numbers.



Specifications

Technical:

- Inputs (8): RGB or YPrPb on 3 BNC female 1Vpp/75Ω; 1 Stereo analog unbalanced audio 0dBu/1kΩ, 0.5V/75Ω, or H&V on two BNC connectors; 1 digital S/PDIF audio on BNC connector; H&V 5Vp-p TTL, 10 KΩ
- Outputs (4): RGB or YPrPb on 3 BNC female 1Vpp/75Ω; 1 Stereo analog unbalanced audio 0dBu/1kΩ, 0.5V/75Ω, or H&V on two BNC connectors; 1 digital S/PDIF audio on BNC connector; H&V 5Vp-p TTL, 10 KΩ
- Max Video Input Level: VGA or YPrPb: 1.2Vpp on 75Ω, AC coupling
- Return Loss: -19dB
- Max Video Output Level: VGA or YPrPb: 1.5Vpp on 75Ω, DC coupling
- Resolution: Up to UXGA; 1080p
- Control: Front panel push buttons and LED's, front and rear Infrared Receiver, Wired IR on rear, RS-232 on Tx and Rx lines. Full bi-directional operation for wired IR, RS-232.
- Matrix Switching: Full matrix switching for Video, Analog Audio, Digital Audio
- Video S/N Ratio: 58 dB RMS un-weighted; 65 dB RMS @5MHz weighted, optimal EQ
- K-Factor: 0.22 % @ optimal EQ
- Video Isolation (Crosstalk): -45dB @ 5MHz
- Analog Audio Max Input Level: 4dBu on 50kΩ, AC coupling
- Analog Audio Max Output Level: 4dBu on 150kΩ, DC coupling
- Audio Bandwidth: 20Hz to 20kHz, @ 0dBu
- TND+Noise: 0.33% @ 0dBu @ 1kHz
- S/PDIF Max Input Level: 1Vpp on 75Ω, AC coupling
- S/PDIF Max Output Level: 1Vpp on 75Ω, DC coupling
- Power: +6V DC, 5A, 110-240 VAC, 50-60 Hz power adapter

General

- Regulation: CE, RoHS, WEEE
- Rack Mount: 2U (rack ears included)
- Enclosure: Black Metal
- Product Dimensions: L = 17.25" W = 10" H = 3.5"
- Shipping Carton Dimensions: L = 23" W = 13" H = 6"
- Accessories: IR Remote Control, UL Certified Power Supply
- Product Weight: 10.5 lb
- Shipping Weight: 14 lbs

System Design Example

