Component/RGBHV Matrix Switchers

FAT BOY SERIES™

KD-MSV8X8

Video Matrix Switcher capable of switching up to 8 Component Video Sources/Inputs to 8 independent Zones/Outputs
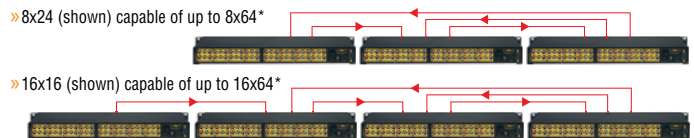
Specifications

Technical:
» Inputs (8): RGsB or YPrPb on 3 RCA female 1Vpp/75Ω
» Outputs (8): RGsB or YPrPb on 3 RCA female 1Vpp/75Ω
» 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
» Matrix Switching: Full matrix switching for Video
» 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
» Resolution Conversion: 24 bits
» Power: +6V, 6.6A

General
» Regulation: CE, RoHS, WEEE
» Enclosure: Black Metal
» Product Dimensions: L = 17.5" W = 7" H = 1.75"
» Shipping Carton Dimensions: L = 23.5" W = 11" H = 4.5"
» Accessories: IR Remote Control, UL Certified Power Supply
» Product Weight: 6 lb
» Shipping Weight: 9 lbs

Key Features

❯ Switches 8 Component video sources to 8 Outputs, or 4 RGBHV video sources to 4 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

❯ Front LED's indicate the selected source and input/output status

Key Benefits

❯ Built-in circuitry allows for cable (RG6) runs up to 300 ft. without signal degradation

❯ Capable of switching RGBHV signals by sharing 2 inputs and 2 output zones

❯ Serial IR, Optical IR, Front Panel, Discrete Remote Codes, & RS-232 control. Supports major control systems such as AMX®, Colorado vNet®, Control4®, Crestron®, HomeLogic™, life1ware™, RTI®, Savant, Universal®, Xantech®

Matrix Expansion

❯ Can be incrementally expanded (with additional units) up to 8 Sources/Inputs to 64 Zones/Outputs or 16 Sources/Inputs to 64 Zones/Outputs. Visit www.keydigital.com for expansion unit model numbers

» 8x24 (shown) capable of up to 8x64*

» 16x16 (shown) capable of up to 16x64*

System Design Example