

MEDIAFLEX8/16 Series

Specifications Effective April 29, 2004

Description: The Knox Video Technologies' MediaFlex series presentation switchers accept up to eight or sixteen composite, Y/C, component or analog HDTV video sources, eight or sixteen balanced or unbalanced stereo audio sources, and connects any one of the input sources to one or more of the eight or sixteen outputs with volume and tone control. An independent 8x8 VGA matrix (DB15HD) is available in the same chassis to route high-resolution sources such as graphics generators or laptop pc's to several downstream devices such as data monitors and LCD projectors without loss of resolution.

Video: These presentation routers provide full-matrix switching of multiple levels of video. Fully buffered, ultra-high bandwidth crosspoint modules allow a variety of signals including composite video, S-video, component and VGA to be switched simultaneously without crosstalk.



MediaFlex16 Front Panel

Audio: Audio controls include volume, bass, treble, balance, input trim and mute. Adjust each output individually for optimal audio quality in any environment. Salvo commands allow adjusting all zones at once.

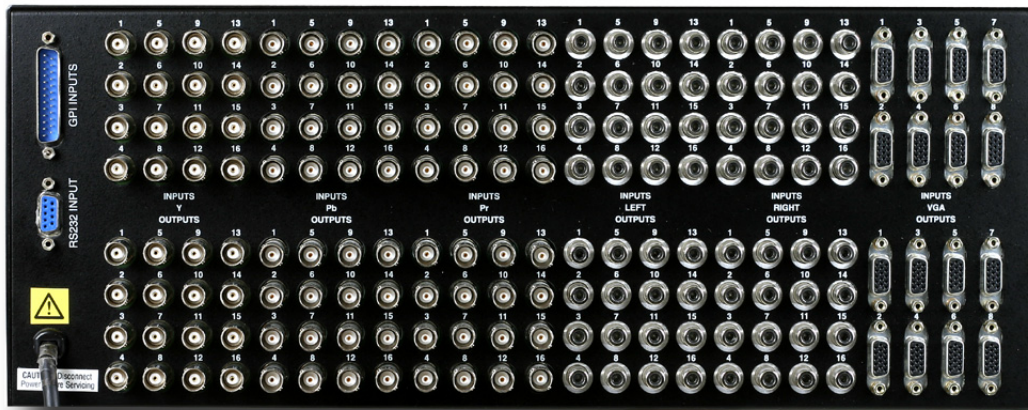
Control: Front panel control with dual LCD displays, hand-held IR remote, IP, RS-232 and contact closures. Fully compatible with Creston, AMX and Vity third party touch screen controllers.

Dimensions: 4U Rackmount Chassis 19"x 7"x10" (WxHxD)

Warranty: 5-year parts and labor.

KNOX VIDEO TECHNOLOGIES
A GLOBAL LEADER IN AUDIO/VIDEO MATRIX SWITCHING

Knox Video Technologies 8547 Grovemont Circle • Gaithersburg, MD 20877 • (301)840-5805 Phone (301)840-2946 Fax



MediaFlex16 Rear Panel – Component Video, Unbalanced Stereo Audio, 8x8VGA

Specifications for MediaFlexSeries 8 / 16

Video Channels:

Levels: 1 v NTSC or Y/C (S-VHS or Hi-8) or analog HDTV (YUV or RGB)
 1080i / 720p Compatible
 Frequency Response: DC to 30MHz @ 1v <3db down at 30MHz
 Input Impedance: 75 ohms
 Output Impedance: 75 ohms
 Crosstalk: less than -70db@5MHz

Unbalanced Audio Channels:

Levels: 2v. Unbalanced audio
 Frequency Response: 20Hz through 30KHz
 Input Impedance: 15Kohm
 Output Impedance: 100 ohm
 Crosstalk: less than -85db@1KHz

Balanced Audio Channels:

Levels: 0,4, or 16dB clipping at 18dB
 Hum and Noise: Less than -90dB
 Frequency Response: 20Hz through 50KHz +/- 1/4dB
 Input Impedance: Bridging or 600 Ohm Termination
 Output Impedance: 100 ohm
 Crosstalk: less than -90db@20KHz
 Connectors: Removable, screw terminal

RGBHV / VGA Channels:

Frequency Response: DC to 200MHz:
 @ 1V <-6db
 Signal, RGB: 1v analog
 Input Impedance: 75 ohms
 Output Impedance: 75 ohms
 Signal, H and V: 0-5 vdc, TTL compatible
 Input Impedance: 510 ohms
 Output Impedance: 75 ohms

Connectors:

Video: BNC
 Audio: RCA
 VGA: DB15HD female
 RS232: 1 DB9 female
 Contact closures: 1 DB25 male

Power Consumption: nominal 12v, 1.5 A from internal switching power supply
 Input Voltage: 105 to 250 VAC, 50/60Hz, automatic sensing
 Dimensions: 19" wide by 7" high by 10" deep / Shipping weight: 12 pounds
 Specifications subject to change without notice

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