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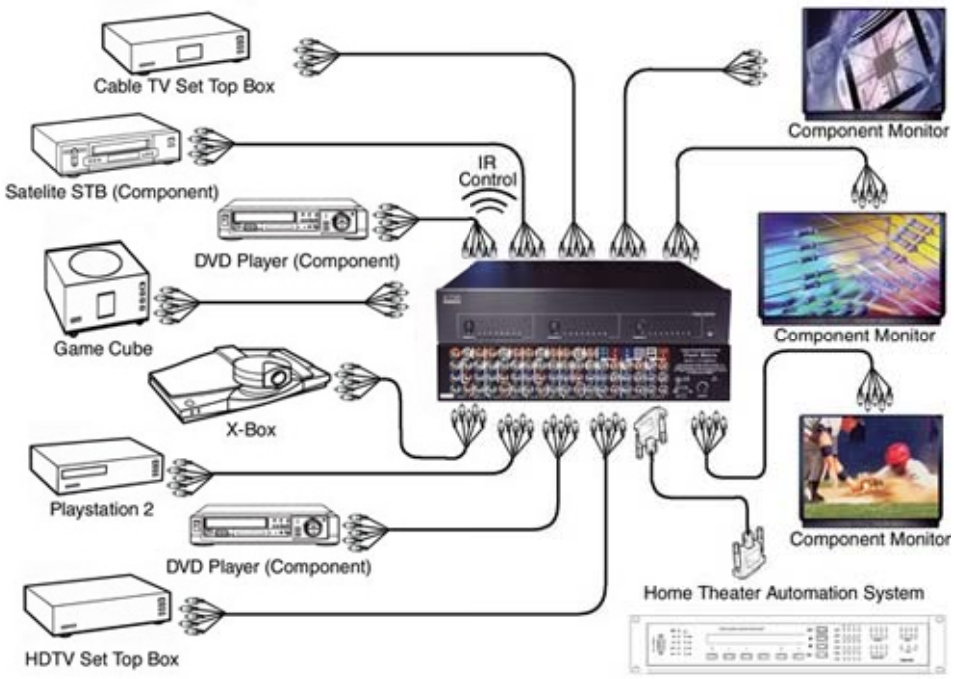
KEY DIGITAL SYSTEMS INTRODUCES A NEW MATRIX SWITCHER WITH UP TO 8 INPUTS AND 3 OUTPUTS, COMPATIBLE WITH ANY HDTV OR SDTV FORMAT



Flash Matrix (KD-MSW 8x3) Digital Video Switcher Meets the Requirements for Demonstration Infrastructure in Home Theater, Commercial, and Retail Applications

Riverdale, NY (CEDIA, September 2002) – **KEY DIGITAL SYSTEMS, Inc. (KDS)** is launching at CEDIA 2002 the **Flash Matrix** (KD-MSW8x3), a new Matrix Switcher with 8 Inputs of Component Video (YPrPb) and Audio (L,R, digital PCM), or up to 8 inputs RGBHV plus digital PCM, to 3 independent outputs (YPrPb, L,R, digital PCM; or RGBHV, plus digital PCM). All connectors are standard BNC jacks, for quick and easy installation and greatest compatibility. The **Flash Matrix** is ideal for very high-end home theater installations, and complex retail applications that require the ability to

handle a large number of component video inputs, featuring 8 component or VGA video and audio input groups and 3 output groups. The **Flash Matrix** also offers great expandability, and is compatible with any digital HDTV or SDTV format.

The new **Flash Matrix** offers maximum compatibility by supporting all HDTV and SDTV formats, including 480i, 576i, 480p, 576p, 1080i/540p, and 720p. For VGA switching, it supports resolutions up to 1366x768 at 72 Hz. Offering the ultimate in component or VGA signal connectivity for commercial or high-end home theater installations, the **Flash Matrix** ensures flawless switching and crystal-clear distribution of video and audio signals.

Convenient Controls

The **Flash Matrix** brings ease of complex component or VGA signal switching to a new level, with three ways to control. The included infrared remote control allows you to switch between any input and output group with the push of a few buttons. In addition to the IR remote control, the **Flash Matrix** offers a standard RS-232 port, which can accept standard ASCII commands. This enables control of the **Flash Matrix** with a 3rd party home theater control system, such as those sold by Creston, AMX, Panja, Dataton, (or from a standard PC). Any input group can be connected to any or all of the output groups. For an easy visual look at what is going on within the **Flash Matrix**, the front panel features 3 rows of 8 LED's, to show which input(s) and output(s) are currently connected. To round out the control capabilities of the **Flash Matrix**, there are three manual override buttons conveniently located on the front panel, when the situation calls for hands-on, quick control.

Easy Installation and Expandability

Key Digital System's **Flash Matrix** offers virtually unlimited expansion capability. Multiple units can be daisy-chained together when the application requires, to easily increase the number of digital inputs. Each switcher could have individual IR and RS232 address from 0 to 15. Therefore up to 15 switchers can be controlled from a single remote in one room. Plus, the **Flash Matrix** is housed in a convenient 2U rack mountable frame, to make installation easy and convenient.

Widest Range of Signal Compatibility

The **Flash Matrix** supports all HDTV and SDTV formats, including 480i, 576i, 480p, 576p, 1080i/540p, and 720p, at either 50 or 60 Hz refresh rates. Bandwidth is -3 dB at 140 MHz, linear phase pass band. Video gain is unity 2x for Y, Pb, and Pr. All input and output groups support the same scanning formats.

Pricing and Availability

The **Flash Matrix** has a manufacturer's suggested list price of $1,599, and is currently available. The Flash Matrix comes with a 2-year limited parts and labor warranty.

About Key Digital Systems

Key Digital Systems (KDS) has emerged as a CES award-winning developer of leading-edge technology supporting HDTV custom installers, consumers, home theater retailers, corporations, and broadcasters. Founded in 2000 by HDTV industry pioneer Mike Tsinberg, KDS has established itself as a company uniquely capable of identifying and creating "glue" products that enable seemingly incompatible products to work together. The company manufactures a wide range of engineering solutions in the area of digital signal processing and distribution, marketed as "glue" products to the HDTV community. Key Digital System's wide range of products includes Scalers, Switchers, Distribution Amplifiers, and Video Adapters/Transcoders which effectively and economically link HDTV components manufactured to diverging specifications. By uniquely enabling non-compatible equipment to "talk" to each other, Key Digital Systems has established itself as an intelligent resource in the evolving HDTV marketplace. Products by Key Digital Systems are available nationwide in leading retail outlets as well as via an extensive dealer network. For more information please visit the corporate website at www.keydigital.com. For trade press, visit http://www.keydigital.com/tradepress.htm.

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