



8x8 DVI KVM Dual-Link Matrix with Push Button Control



GEF-DVIKVM-848DL-PB

Route any of eight computer sources with DVI, USB and Audio to any eight KVM workstations with Front Panel Push Button Control

The GefenPRO 8x8 DVIKVM Dual Link Matrix with Push Button Control provides a professional-grade KVM solution to route DVI, USB, and Audio from any eight computers to any eight Hi-Def workstations. Dual link resolutions up to 3840x2400 are supported. Audio can also be routed with the video using mini-stereo cables to provide full multimedia content for digital signage applications. The front panel display shows the current routing status and the front panel push buttons are used to manage local source routing. Independent audio routing allows audio to be routed separately from the video. Each source can be controlled from any workstation by using the front panel push buttons, an included IR remote, the RS-232 interface, Telnet, or by using IP control via the built-in Web interface.

How It Works

Connect up to eight KVM source devices to the GefenPRO 8x8 DVIKVM DL Matrix using the supplied DVI cables. Connect up to eight monitors to the DVI outputs. Connect the USB devices (keyboard, mouse device, etc.) to the USB input and output connectors. For audio, connect mini-stereo cables between each audio source and the audio inputs on the Matrix. Connect the mini-stereo cables between the audio outputs on the Matrix to the audio device. Plug in the power cord and apply power to the Matrix. The DVI, USB and Audio sources will be routed according to the current routing selection.

Note:

This product only supports digital DVI (DVI-D).

Features:

- Supports resolutions up to 3840 x 2400
- Advanced EDID management permits upload of custom internal or external EDID settings
- Front panel control buttons for local switching
- Programmable routing presets
- Output masking command
- IR Remote Control
- RS-232 Control
- Telnet / IP Control

- Independent audio routing
- User-defined Input and Output naming
- Built-in IR Extender
- Grounding Pin
- Internal Power Supply
- Standby mode
- Supports DDWG standards for DVI
- Power ON / OFF switch
- Rack-Mountable
- Status LCD (shows routing status)

Specifications*:

- Maximum Pixel Clock: 2 x 165 MHz
- Input Video Signal: 1.2V p-p
- DVI Input Connectors: (8) DVI-I, female
- DVI Output Connectors: (8) DVI-I, female
- USB Input Connectors: (8) Type B
- USB Output Connectors: (16) Type A
- Audio Input Connectors: (8) 3.5 mm mini-stereo
- Audio Output Connectors: (8) 3.5 mm mini-stereo
- IR Extender connector: 3.5 mm mini-stereo (for Gefen EXT-RMT-EXTIR)
- RS-232 Interface: DB-9, female
- Ethernet Connector: RJ-45, shielded
- Power supply: Internal 110 / 220 V AC (IEC Connector)
- Power Consumption: 90 W (max.)
- Operating Temperature: 0 - 40 °C
- Dimensions: 19.0" W x 3.5" H x 12.0" D (2U Rack Space)
- Shipping Weight: 28.1 lbs

Gefen, LLC
20600 Nordhoff Street, Chatsworth CA 91311
Tel. (818) 772-9100 (800) 545-6900 Fax (818) 772-9120
www.gefenpro.com

*All features and specifications subject to change without notice.
All trademarks and registered trademarks are properties of their respective owners.