

# Gefen TOOLBOX

## 8x8 Matrix for HDMI with FST and 3DTV



GTB-HDFST-848

### Route any eight HDMI Inputs to any eight HDMI Outputs with Gefen FST and support for 3DTV

The GefenToolBox 8x8 Matrix for HDMI routes eight Hi-Def sources to any eight HDTV displays. Resolutions up to 1080p Full HD and 1920x1200 plus 3DTV are supported, along with multichannel digital audio formats such as Dolby® True HD and DTS-HD Master Audio™.

The 8x8 Matrix eliminates the need to disconnect and reconnect Hi-Def sources. It works with any Hi-Def source that needs to be connected to any display using HDMI. Each source can be routed to any display using the front-panel push buttons, IR remote control, RS-232 interface, or over IP using the built-in Web interface.

### How It Works

Connect the Hi-Def audio/video sources to the eight HDMI inputs using the supplied HDMI cables. Connect up to eight displays to the HDMI outputs. 3D content can be displayed from the 3D source when a 3D-capable display is connected to Output 1. Connect the external power supply to the matrix and plug the power cable into an available electrical outlet. Apply power to all of the sources and displays.

### Gefen FST

Fast Switching Technology (FST) is a Gefen software implementation for HDMI products. FST was created to improve the lengthy HDMI authentication process, based on the HDMI and HDCP specifications. FST allows for connecting/disconnecting or turning any of the HDTV displays on or off without affecting other displays within the audio/video distribution system.

### Features\*

- Route any eight Hi-Def sources to any eight HDTV displays
- Supports resolutions up to 1080p Full HD and 12-bit Deep Color
- 3DTV pass-through
- Supports LPCM 7.1 audio, Dolby Digital® Plus, Dolby® TrueHD, and DTS-HD Master Audio™
- Advanced EDID Management for rapid integration of sources and displays
- Gefen FST speeds up the HDCP authentication process
- Fast and Slow FST Modes
- Front-Panel Push-Button Switching
- Supports the use of DVI sources and displays with HDMI-to-DVI cables or adapters
- IP Control via Web Graphical User Interface and Telnet
- RS-232 serial control for automation
- IR remote control (handheld remote included)
- Field-upgradable firmware via built in Web Graphical User Interface
- 24V power supply
- Wall-mountable
- Uses Gefen Mono-LOK HDMI connectors for secure cable connections
- Available in Black and White finishes

### Specifications\*

- Maximum Pixel Clock: 225 MHz
- Video Input Connectors: (8) HDMI Type A 19-pin female, locking
- Video Output Connectors: (8) HDMI Type A 19-pin female, locking
- IP Connector: (1) RJ-45, female, Shielded
- USB Port: (1) Mini-B, female
- RS-232 Port: (1) DB-9, female
- IR Extender Port: (1) 3.5mm mini-stereo jack
- Power Supply: 24V DC
- Operating Temperature: 0 - 40 °C
- Dimensions (W x H x D): 9.3" x 16.85" x 1.8"  
(237mm x 428mm x 46mm)
- Shipping Weight: 6 lbs. (2.7 kg.)

### Gefen, LLC

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