

# Gefen TOOLBOX

## Ultra HD 1:4 Splitter for HDMI

### Hi-Def input to four Hi-Def outputs using HDMI with Ultra HD resolution

The GefenToolBox 1:4 Splitter for HDMI 4K x 2K distributes one Ultra Hi-Def A/V source to four Ultra HD displays simultaneously, without loss of quality or resolution. This product works with any Ultra Hi-Def source and supports resolutions up to 4K x 2K (3840x2160 @ 30Hz). It features Fast Switching Technology, and supports HDCP, Deep Color, 3DTV pass-through, and lossless audio formats such as Dolby® TrueHD and DTS-HD® Master Audio™.

### FST

Fast Switching Technology (FST) is a Gefen software implementation for HDMI products. FST eliminates the lengthy HDMI authentication process, and allows connecting/disconnecting or turning ON / OFF of HDTV displays without having these activities affect other displays in the same distribution system.

### How It Works

Using the supplied HDMI cable, connect the Ultra Hi-Def source to the HDMI input on the 1:4 splitter. Connect up to four Ultra HD displays to the HDMI outputs. Connect the included locking power supply to the 1:4 Splitter and to an available electrical outlet. Apply power to the source and displays. The HD source signal will now be seen on all of the connected displays simultaneously.



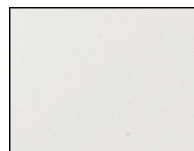
### Features\*

- Simultaneously displays an Ultra Hi-Def source on up to four Ultra HD displays
- Supports resolutions up to Ultra HD 4K x 2K (3840 x 2160 @ 30Hz) and 1080p Full HD
- Supports 12-bit Deep Color
- 3DTV pass-through
- Lip Sync pass-through
- FST Technology speeds up HDCP authentication process
- Fast and Slow FST Modes
- Advanced EDID Management for rapid integration of source and displays
- Supports LPCM 7.1, Dolby® TrueHD, Dolby Digital® Plus, and DTS-HD® Master Audio™
- Supports the use of DVI sources and DVI displays with HDMI-to-DVI adapters (not included)
- Field-upgradeable firmware using Mini-USB port
- Locking Power Supply
- Surface-mountable
- Available in Black or White

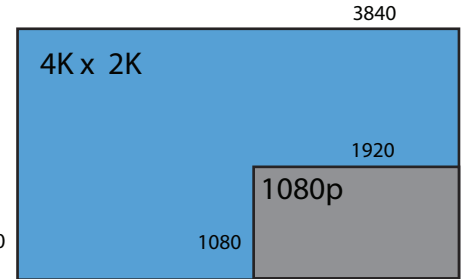
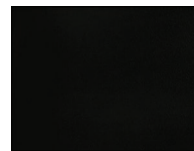
### Specifications\*

- Maximum Pixel Clock: 300 MHz
- HDMI Input Connector: (1) Type A 19-pin female, locking
- HDMI Output Connectors: (4) Type A 19-pin female, locking
- USB Port: (1) Mini-B
- Power Indicator: (1) LED, blue
- FST Switch: (1) 2-position slide-type
- Audio Switch: (1) 2-position slide-type
- EDID Switch: (1) 2-position slide-type
- DC Power Connector: (1) Locking type
- Power Supply: 5V DC
- Power Consumption: 10 Watts (max.)
- Operating Temperature: +32 to 104 °F (0 to +40 °C)
- Dimensions (W x H x D): 3.0" x 9.0" x 1.0" (76mm x 228mm x 26mm)
- Shipping Weight: 2.7 lbs. (1.2 kg)

White finish



Black finish



GTB-HD4K2K-144-BLK (black)

GTB-HD4K2K-144 (white)

### Gefen, LLC

20600 Nordhoff Street, Chatsworth CA 91311  
Tel. (818) 772-9100 (800) 545-6900 Fax (818) 772-9120  
[www.gefentoolbox.com](http://www.gefentoolbox.com)

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