



# Ultra HD 1:8 Splitter for HDMI

HDMI® 2.0

4K ULTRA HD  
60Hz, 4:2:0

4K CINEMA  
DCI, 4096 x 2160

HDCP

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

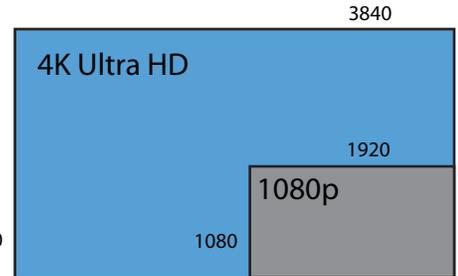
The GefenToolBox 1:8 Splitter for HDMI 4K x 2K distributes one Ultra Hi-Def A/V source to eight Ultra HD displays simultaneously without loss of quality or resolution. This product works with any Ultra Hi-Def source and supports resolutions up to 4K (3840 x 2160 @ 60Hz 4:2:0) and 4K Cinema (DCI) (4096 x 2160 @ 24 or 30Hz 4:4:4). 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™ are supported.

## 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 1:8 splitter. Connect up to eight Ultra HD displays to the HDMI outputs. Connect the included locking power supply to the 1:8 Splitter and to an available electrical outlet. Apply power to the source and displays. The HD source signal will now be seen on all eight displays simultaneously.



1080P  
PROGRESSIVE



## Features\*

- Simultaneously displays an Ultra Hi-Def source on up to eight Ultra HD displays
- Supports resolutions up to Ultra HD 4K (3840 x 2160 @ 60Hz 4:2:0 or 30Hz 4:4:4), 4K Cinema (DCI) (4096 x 2160 @ 24 or 30Hz 4:4:4), and 1080p Full HD
- HDMI 2.0 compliant
- HDCP 1.4 compliant
- Supports 12-bit Deep Color (up to 1080p Full HD)
- 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

## Specifications\*

- Maximum Pixel Clock: 300 MHz
- HDMI Input Connector: (1) Type A 19-pin female, locking
- HDMI Output Connectors: (8) 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: 13 Watts (max.)
- Operating Temperature: +32 to 104 °F (0 to +40 °C)
- Dimensions (W x H x D): 4.5" x 10.4" x 1.0" (115mm x 264mm x 26mm)



GTB-HD4K2K-148-BLK

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