QUICK START GUIDE

4K Ultra HD 600 MHz 1:8 Splitter w/ HDR & Scaling

GTB-UHD600-18S-RT



The Gefen GTB-UHD600-18S routes one full bandwidth 4K Ultra HD 600 MHz source to eight 4K Ultra HD 600 MHz or Full HD 1080p displays. Independent scalers built into each output will automatically downscale the signal when connected to a 1080p TV. This HDCP-compliant product has been specifically designed to support over 10 layers of splitting/cascading for flawless performance in large video distribution and signage applications, supporting hundreds of displays. Cutting edge Smart CEC Management system built into the GTB-UHD600-18S communicates with the source, other compatible splitters and the displays. It guarantees that a picture is always present on all displays by ensuring that connected displays are on and switched to the correct input.

A built-in Pattern Generator helps in troubleshooting during installation or for routine maintenance. Resolutions up to 4K DCI (4096 x 2160 at 60 Hz), 4K Ultra HD (3860 x 2160 at 60 Hz, 4:4:4 color space),1080p Full HD, and 1920x1200 WUXGA are supported. HDR and multi-channel digital audio including 7.1 channels of LPCM and HBR (High Bit Rate) lossless formats are also passed through. The Gefen 1:8 Splitter is the perfect choice for any small or large 4K video distribution system.

Start Here

This guide is intended for basic set up and operation only. For more details, please see the user manual at www.gefen.com.

Make sure you have everything that came with your product:

Items:

(1) 4K Ultra HD 600 MHz 1:8 Splitter w/HDR and Scaling
(1) 5V DC Power Supply
(1) Quick-Start Guide

If any of these items are missing, contact Gefen Technical Support. Refer to the last page of this Quick-Start Guide for contact information.

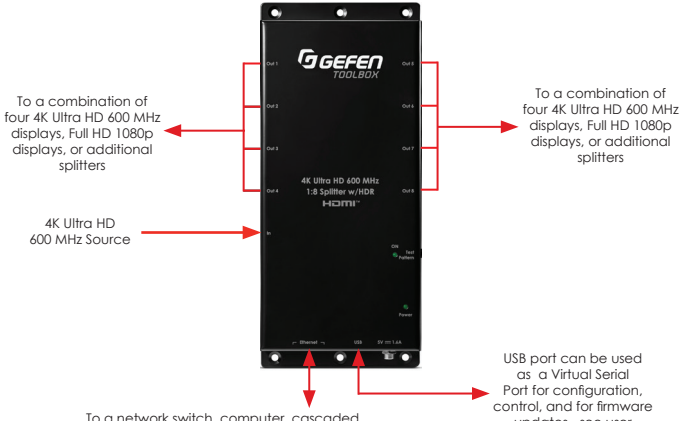
INFORMATION:
For important operational details and warranty information, refer to the user manual, which can be downloaded from the Gefen web site (www.gefen.com).

Connections
Input/Output

1

1. Use a Full-Bandwidth 4K 600 MHz-capable HDMI cable to connect your HDMI source to the input of the splitter.
2. Connect up to eight displays or additional splitters to the HDMI Outputs using Full-Bandwidth 4K 600 MHz-capable HDMI cables.

   DVI sources and displays can be used with HDMI-to-DVI adapters (Gefen part no. ADA-HDMIM-2-DVIFN).

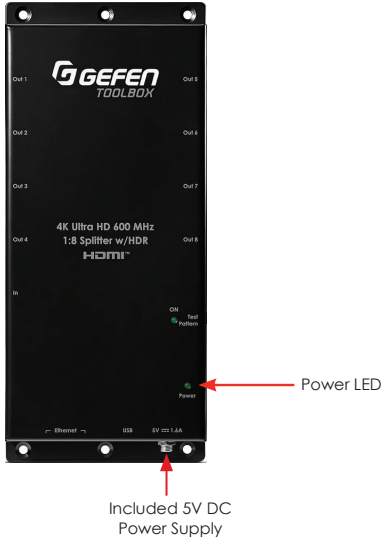


NOTE: The splitter ships in DHCP mode and if no DHCP server is found, it will use an APIPA address (169.254.x.x). Gefen Syner-G™ software can be used to discover the unit on the network.

Connections
Power

2

3. **Power Supply:** Connect the included 5V DC locking power supply, and plug it into an available electrical outlet. When the splitter is powered-on, the Power LED will glow bright blue.



Connections & Configuration
Test Pattern/Factory Reset/EDID/CEC

3

4. **Test Pattern:** Press and hold the Test Pattern button for 3 seconds to output a 1080p 60Hz Color Bar Test Pattern which also displays the MAC address of the splitter. This Test Pattern can be used during installation or routine maintenance to ensure that the displays are receiving a valid signal and to help making picture adjustments. When the Test Pattern is on, its associated LED will be illuminated in green. Press and hold for 3 seconds to deactivate.



5. **Factory Reset:** Returns all settings to factory defaults. Press and hold the **Test Pattern** button for 10 seconds. The **Test Pattern LED** will blink 4 times to acknowledge this command.

6. **EDID and CEC Settings and remote control via Telnert/UDP:** Connect a network switch, a computer, a cascaded compatible splitter, or a third-party controller to the Ethernet port of the GTB-UHD600-18S (see diagram at Step 1). This splitter ships in DHCP mode and if no DHCP server is found, it will use an APIPA address (169.254.x.x). Gefen Syner-G™ software can be used to discover this product on a network. For a list of Telnet/UDP commands, please download the user manual from www.gefen.com.

   Alternatively, the USB port on this product (see diagram at Step 1) can be used as a Virtual Serial Port for configuration, control and for firmware updates. Please see the user manual for more details.

Technical Support:
1-707-283-5900
1-800-472-5555

Technical Support Hours:
8:00 AM to 5:00 PM Monday through Friday, Pacific Time

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