



# Distribute 1 HDMI source to 3 HDMI displays

## Optional Accessories



HDMI Cables

## 1:3 HDMI Splitter

### 1x HDMI input, 3x HDMI outputs

The 1x3 HDMI splitter allows set-top boxes, DVD players, D-VHS players and other HDTV devices with HDMI™ output to be connected to three or more HDTV displays.

### How It Works

Gefen's 1x3 HDMI™ splitter is a distribution hub that sends the same video output to three or more HDTV digital displays. It is a flexible solution that accommodates multiple displays. When two or more HDMI splitters are connected together, they can be used to create a larger distribution. The HDMI splitter is connected using a HDMI cable from the HDMI source to the HDMI splitter input. There are three HDMI outputs. HDMI output 1 is the primary connection and is used for the main display. Outputs two and three follow the main display.

**Product Notes: Do not use DVI displays for an HDMI source; They must be HDMI displays. Only with a DVI source can the display types be either DVI or HDMI.**

- Input HDMI, output only HDMI
- Input DVI, output DVI or HDMI

This HDMI product supports BOTH Audio and Video signals.

DVI, HDCP & HDMI Defined

### Note:

All displays that cannot show the same video resolution(s) as the Primary Display connected to Output #1 may fail to show a picture. Secondary displays follow the Primary by sharing the resolution and capability information (EDID) obtained from the Primary Display.

### Features:

- Connects up to three HDMI™/DVI displays at the same time to one video source
- Allows simultaneous display
- Maintains high resolution video - beautiful, sharp HDTV resolutions up to 1080p, 2k, and computer resolutions up to 1920 x 1200 are easily achieved
- HDMI™ compliant
- HDCP compliant

### Specifications:

- Video Amplifier Bandwidth: 165 MHz
- Input Video Signal: 1.2 volts p-p
- Input DDC Signal: 5 volts p-p (TTL)
- Single Link Range: 1080p/1920 x 1200
- HDMI Connector: type A 19 pin female
- Power Supply 5V DC
- Power Consumption: 10 watts (max)
- Dimensions: 6.5"W x 1.25"H x 4.125"D
- Shipping Weight: 5 lbs.

### Package Includes:

- 1x3 HDMI splitter
- One 5v Power Supply
- One 6ft cable
- User's Manual



EXT-HDMI-143



**1x3 HDMI  
Splitter  
USER MANUAL**

## ASKING FOR ASSISTANCE

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### Technical Support:

Telephone (818) 772-9100  
(800) 545-6900

Fax (818) 772-9120

### Technical Support Hours:

8:00 AM to 5:00 PM Monday through Friday.

### Write To:

Gefen Inc.  
C/O Customer Service  
20600 Nordhoff St.  
Chatsworth, CA 91311

support@gefen.com  
www.gefen.com

### Notice

Gefen Inc. reserves the right to make changes in the hardware, packaging and any accompanying documentation without prior written notice.

**1x3 HDMI Splitter** is a trademark of Gefen Inc.  
**HDMI** is a trademark of hdmi.org

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# INTRODUCTION

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Congratulations on your purchase of the 1x3 HDMI Splitter. Your complete satisfaction is very important to us.

Gefen Inc.'s line of HDTV switches, extenders, and splitters are designed to make your A/V equipment use more comfortable, more productive and less expensive.

The 1x3 HDMI Splitter allows easy distribution of HDTV devices, using up to three HDTV displays.

Gefen Inc. products offer solutions for Home Theater, AV installation, data center, information distribution, conference room presentation, school and corporate training environments.

## Our Commitment

Gefen Inc. will always offer the finest quality product at the best possible price. Included in that price is a lifetime support from a team of outstanding engineers.

The 1x3 HDMI Splitter allows one HDMI device to be distributed easily in to three HDMI compatible monitors or projectors. Simply connect your HDTV displays to the DA's display outputs. The 1x3 HDMI Splitter can also be placed at the end of a long HDMI cable to regenerate the HDMI signal.

# FEATURES

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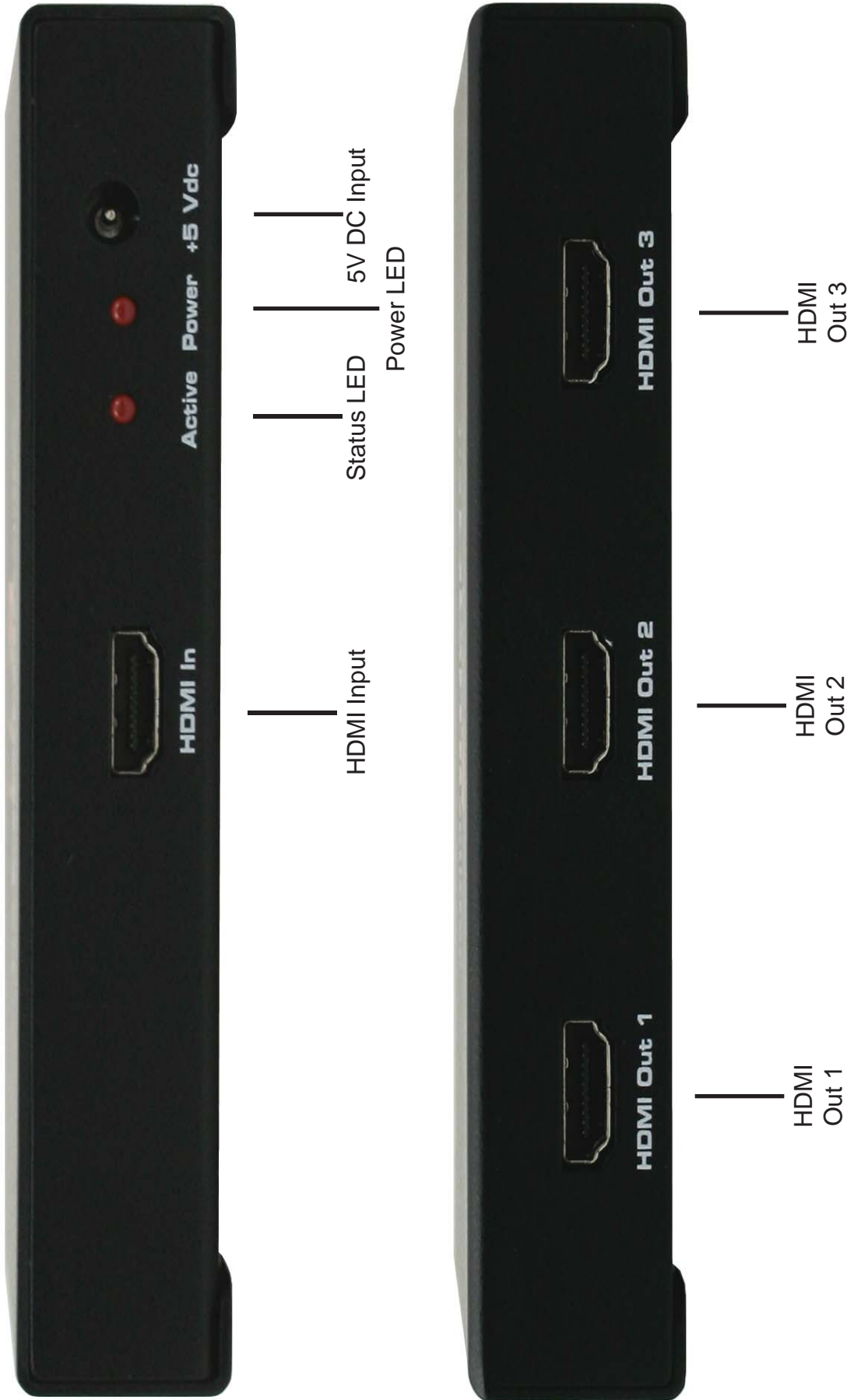
## Features

- Easily distributes HDMI HDTV devices on up to four DVI/HDMI displays with zero signal loss
- Allows simultaneous display
- Maintains 480p, 720p, 1080i, and 1080p resolutions
- Maintains highest HDMI single link video resolution for beautiful HDTV
- Maintains highest HDMI digital audio signal
- HDMI or DVI to HDMI cables are used to connect to the inputs or outputs
- HDCP compliant
- Fully HDMI 1.2 compliant
- Installs in seconds

## Includes:

- (1) 1x3 HDMI Splitter
- (1) 6 foot HDMI cable (M-M)
- (1) 5VDC Power Supply
- (1) Users Manual

# PANEL DESCRIPTIONS



# CONNECTING AND OPERATING THE 1x3 HDMI SPLITTER

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## How to Connect the 1x3 HDMI Splitter to your devices

- 1** Connect the supplied cable from the HDTV HDMI sources into the 1x3 HDMI Splitter input. HDMI to HDMI cable for HDMI source or HDMI to DVI cable for DVI source.
- 2** Connect the cables from your displays (monitor or projector) into the HDMI outs of the 1x3 HDMI Splitter.
- 3** Plug the 5VDC power supply into the 1x3 HDMI Splitter.

## SPECIFICATIONS

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Video Amplifier Bandwidth .....	1.65 Gbps
Input Video Signal .....	1.2 volts p-p
Input DDC Signal .....	5 volts p-p (TTL)
Single Link Range .....	1080p / 1920 x 1200
Input Connector Type .....	HDMI Type A 19 pin female
Output Connector Type .....	HDMI Type A 19 pin female
Power Consumption .....	10 Watts (max.)
Power Supply .....	5V DC
Dimensions .....	12"W x 1.25"H x 4.125"D
Shipping Weight .....	5 lbs.

## WARRANTY

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Gefen Inc. warrants the equipment it manufactures to be free from defects in material and workmanship.

If equipment fails because of such defects and Gefen Inc. is notified within two (2) year from the date of shipment, Gefen Inc. will, at its option, repair or replace the equipment, provided that the equipment has not been subjected to mechanical, electrical, or other abuse or modifications.

Equipment that fails under conditions other than those covered will be repaired at the current price of parts and labor in effect at the of repair. Such repairs are warranted for ninety (90) days from the day of reshipment to the Buyer.

This warranty is in lieu of all other warranties expressed or implied, including without limitation, any implied warranty or merchantability or fitness for any particular purpose, all of which are expressly disclaimed.

1. Proof of sale may be required in order to claim warranty.
2. Customers outside the US are responsible for shipping charges to and from Gefen.
3. Copper cables are limited to a 30 day warranty and cable must be free from any scratches, markings, and neatly coiled.

The information in this manual has been carefully checked and is believed to be accurate. However, Gefen Inc. assumes no responsibility for any inaccuracies that may be contained in this manual. In no event will Gefen Inc., be liable for direct, indirect, special, incidental, or consequential damages resulting from any defect or omission in this manual, even if advised of the possibility of such damages. The technical information contained herein regarding 1x4 HDMI Splitter features and specifications is subject to change without notice.