

Gefen

1:5 Splitter For HDMI™ 1.3

Model # EXT-HDMI1.3-145

USER MANUAL



www.gefen.com

1080P
PROGRESSIVE

HDMI
HIGH DEFINITION MULTIMEDIA INTERFACE

HD TV

HD DVD

Blu-ray Disc

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Notice

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TABLE OF CONTENTS

1. Introduction
2. Features
3. Panel Descriptions
4. Connecting and Operating the 1:5 Splitter for HDMI 1.3
5. Specifications
6. Warranty

INTRODUCTION

The Gefen 1:5 Splitter for HDMI 1.3 allows set-top boxes, DVD players, Blu-ray players and other HDTV devices with HDMI outputs to be connected to up to five HDTV displays (or more if multiple splitters are utilized in place of HDTV displays)

How It Works

The 1:5 Splitter for HDMI 1.3 is a distribution hub that sends the same HDMI signals to up to five HDTV digital displays. You simply connect your HDMI video source to the 1:5 HDMI 1.3 Splitters HDMI input jack, then connect your HDMI-compatible displays to each of the HDMI outputs. Power-cycle all equipment and you should see beautiful, sharp HDMI video on all of your HDMI displays.

OPERATION NOTES

READ THESE NOTES BEFORE INSTALLING OR OPERATING THE 1:5 SPLITTER FOR HDMI 1.3

- **Display information from the display connected to HDMI output port 1 is sent back to the source. Therefore, all other displays connected to the 1:5 Splitter for HDMI 1.3 must be capable of accepting the timings and resolutions of the display that is connected to HDMI output port 1. It is recommended that the display with the lowest native resolution be connected to HDMI output port 1. This is to ensure that a compatible video signal will be able to be displayed on all connected monitors.**
- HDMI/HDCP compliant
- Compatible with all HDMI and DVI* displays

*When used with a HDMI to DVI adapter

FEATURES

Features

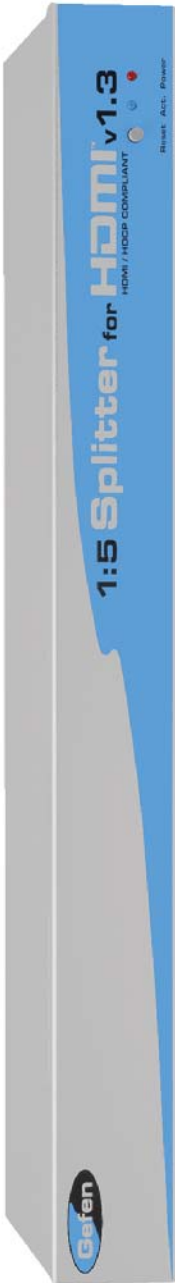
- Lip-Sync Pass Through
- 225 MHz (up to 12 bit YUV 444 supported @ 1080p)
- Deep Color Supported (XV Color Supported)
- Color Space Conversion Supported
- Dolby Tru-HD & DTS Master Supported
- CEC Pass Through

Includes:

- (1) 1:5 Splitter for HDMI 1.3
- (1) 6 ft HDMI cable (m-m)
- (1) 24V DC Power Supply
- (1) Set of Rack Ears
- (1) User's Manual



PANEL DESCRIPTIONS



Reset
Power LED
&
Act. LED



EDID
Switch
HDMI
Input

HDMI Output
1-10

Connects to
24VDC power
supply

CONNECTING AND OPERATING THE 1:5 SPLITTER FOR HDMI 1.3

How to Connect the 1:5 Splitter for HDMI 1.3 to your devices

1. Connect the supplied cable from the HDTV HDMI source into the 1:5 Splitter for HDMI 1.3 input.
2. Connect the cables from your displays (monitor or projector) into the HDMI outs of the 1:5 Splitter for HDMI 1.3.
3. Plug the 24VDC power supply into the 1:5 Splitter for HDMI 1.3.

NOTE: Display information from the display connected to HDMI output port 1 is sent back to the source. Therefore, all other displays connected to the 1:5 Splitter for HDMI 1.3 must be capable of accepting the timings and resolutions of the display that is connected to HDMI output port 1. It is recommended that the display with the lowest native resolution be connected to HDMI output port 1. This is to ensure that a compatible video signal will be able to be displayed on all connected monitors. There is a generic 1080i EDID programmed into the 1:5 Splitter for HDMI 1.3 that can be used instead. Please see below for the activation process.

EDID SWITCH

The HDMI 1:5 has an EDID Switch which will determine if you are going to use the EDID from the display attached to output 1 or use an onboard EDID.

If you want to use the EDID from the display attached to output 1, make sure the switch is selected to "EXT".

If you want to use the onboard EDID, make sure the switch is selected to "INT" which will give you a generic EDID of 1080i.

SPECIFICATIONS

Video Amplifier Bandwidth.....	225 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.....	24V DC
Power Consumption.....	60 watts (max)
Dimensions.....	17"W x 1.75"H x 5.5"D
Rackmountable.....	1U rack space
Shipping Weight.....	5 lbs.

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