

Gefen^{tv}

Repeater For HDMI™ 1.3

GTV-HDMI1.3-141

User Manual



1080P
PROGRESSIVE

HDMI™
HIGH DEFINITION MULTIMEDIA INTERFACE

HDTV

Blu-ray Disc™

ASKING FOR ASSISTANCE

Technical Support:

Telephone (818) 772-9100

(800) 545-6900

Fax (818) 772-9120

Technical Support Hours:

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

Write To:

Gefen Inc.

c/o Customer Service

20600 Nordhoff St

Chatsworth, CA 91311

www.gefen.com/gefentv

support@gefentv.com

Notice

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INTRODUCTION

Congratulations on your purchase of the Repeater For HDMI 1.3. Your complete satisfaction is very important to us.

The GefenTV Repeater For HDMI 1.3

The new HDMI 1.3 specification has posed new challenges in the area of video extension, but it has always been Gefen's goal to accept and implement these new technologies to bring you the products that you want and need. Introducing the Repeater For HDMI 1.3. Now there is a viable solution for extending HDMI 1.3 using long distance premium HDMI copper cables. Up to 50 feet of cable can be inserted into the input and output connectors of the Repeater For HDMI 1.3. If that's still not far enough, multiple Repeater For HDMI 1.3 units can be chained together to reach even farther distances.

This new Repeater For HDMI 1.3 supports the advanced features of HDMI 1.3 such as Deep Color, Dolby TruHD and DTS-HD Master Audio formats, and CEC passthrough.

How It Works

Insert one end of up to a 50 foot HDMI cable into the source. Connect the other end into the Repeater For HDMI 1.3 unit's input connector. Then, connect one end of up to 50ft of HDMI cabling to the Repeater For HDMI 1.3 unit's output connector. Connect the other end of the output cable into your display. Connect the included power supply and turn everything on. The device automatically handles all of the re-clocking and equalizing of the incoming video to output a crystal clear and perfect reproduction of the source material.

OPERATION NOTES

READ THESE NOTES BEFORE INSTALLING OR OPERATING THE REPEATER FOR HDMI 1.3

- The Repeater For HDMI 1.3 is HDCP compliant
- The Repeater For HDMI 1.3 is HDMI 1.3 compliant. For a list of supported HDMI 1.3 features, please see page 3.
- Input and output cable length is limited to 50 feet. Units can be cascaded up to 4 times for longer cable distances.

FEATURES

Features

- Fully HDCP and HDMI compliant
- Compact, portable device
- Wall-powered for extra amplification power
- Based on proven Gefen Super Booster technology

HDMI 1.3 Features

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

Package Includes

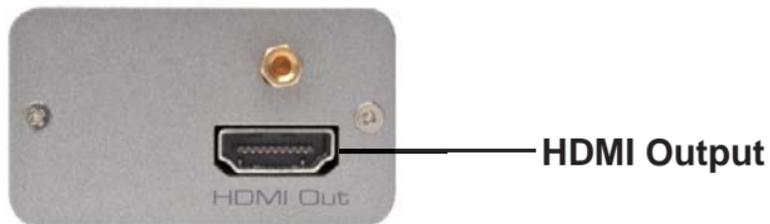
- (1) Repeater For HDMI 1.3
- (1) 5V DC Power Supply
- (1) User's Manual

PANEL LAYOUT

Front Panel



Back Panel



CONNECTING AND OPERATING THE REPEATER FOR HDMI 1.3

How to Connect the Repeater For HDMI 1.3

1. Connect the source to the Repeater For HDMI 1.3 using a the supplied HDMI cable.
2. Connect the display to the Repeater For HDMI 1.3 using a user supplied HDMI cable.
3. Connect the included 5V DC power supply to the Repeater For HDMI 1.3.
4. Power on the display first then the source.

NOTE: To reach longer distances, the Repeater For HDMI 1.3 can be cascaded up to 4 units deep.

SPECIFICATIONS

Video Amplifier Bandwidth	225 MHz
Input Video Signal	1.2 Volts p-p
Input DDC Signal	5 Volts p-p (TTL)
Maximum Single Link Range	1920 x 1200 x 60hz
HDMI Input/Output Connector Type	HDMI Type A
Operating Temperature	0°C ~ 48°C
Power Consumption	5 Watts (max)
Power Supply.....	5V DC
Dimensions	2"W x 1"H x 2"D
Shipping Weight	2 Lbs