



**HDMI • 1000HD**  
USER MANUAL

[www.gefen.com](http://www.gefen.com)

## ASKING FOR ASSISTANCE

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### Notice

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

**The HDMI 1000** is a trademark of Gefen Inc.

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## OPERATION NOTES

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### READ THESE NOTES BEFORE INSTALLING OR OPERATING THE HDMI 1000

- The fiber optics cable must be treated carefully when connectors are exposed. They are susceptible to dust which can contribute to loss of pixels.
- The HDMI 1000 works for all HDMI displays and supports resolutions up to 1920x1200 or 1080p
- The HDMI 1000 is housed in a metal box for better RF shielding.
- Fully HDMI 1.2 compliant
- Uses CAT-5 cable for HDCP/DDC and control signals.

# INTRODUCTION

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Thank you for purchasing Gefen's extend•it HDMI 1000. The HDMI 1000 allows extension of HDMI up to 1640 feet without losing any quality.

## **CONTENTS**

The HDMI 1000 consists of:

- (1) HDMI 1000S
- (1) HDMI 1000R
- (1) HDMI cable (6FT)
- (1) 12VDC Power Supply
- (1) User's Manual

# FRONT PANELS DESCRIPTIONS

## HDMI 1000 Sender (Front View Only)

Power LED indicates the unit is powered



Status LED indicates a link between the sender and receiver

Red Green Blue Clock HDCP & DDC Signals

## HDMI 1000 Receiver (Front View Only)

Power LED indicates the unit is powered



Status LED indicates a link between the sender and receiver

Green Red Blue Clock HDCP & DDC Signals

# BACK PANELS DESCRIPTIONS

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## HDMI 1000 Sender (Rear View Only)



HDMI Input

12 VDC Input

## HDMI 1000 Receiver (Rear View Only)



HDMI Output

12 VDC Input

## HOW TO CONNECT THE HDMI 1000

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- 1 Connect the HDMI 1000 sender unit to the HDMI source using the supplied cables.
- 2 Connect the HDMI 1000 receiver unit to your HDMI display.
- 3 Connect the four fiber optics and one CAT5 cable between the sender and receiver.
- 4 Plug the 12VDC power supplies into the HDMI 1000 receiver.
- 5 You should see a beautiful picture.

\* Cable Requirement - 50 or 62.5 micron multimode fiber optics cable



## **HOW TO CONNECT THE HDMI 1000 (w/o DDC)**

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The HDMI 1000HD can be hooked up without using the CAT5 if DDC is not needed. A second power supply will be required to power the receiver unit in this setup.

For computer extensions where EDID is needed, a HDMI Detective can be purchased to store the EDID of the display.

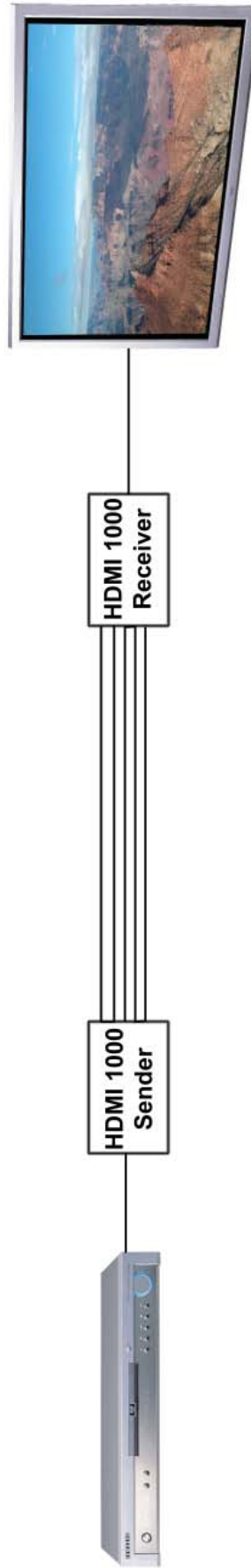
- 1 Connect the HDMI 1000 sender unit to the HDMI source using the supplied cables.
- 2 Connect the HDMI 1000 receiver unit to your HDMI display.
- 3 Connect the four fiber optics between the sender and receiver.
- 4 Plug the 12VDC power supplies into the HDMI 1000 sender.
- 5 Plug the 12VDC power supplies into the HDMI 1000 receiver.
- 6 If using a HDMI Detective attach it inbetween the computer and the sender
- 7 You should see a beautiful picture.

\* Cable Requirement - 50 or 62.5 micron multimode fiber optics cable

# HDMI 1000 WIRING DIAGRAM

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**Please note! Connect the HDMI 1000 sender into the source, and connect the HDMI 1000 receiver into the display.  
You must also make sure that the fiber optics cables are going straight across, ie: R to R, G to G, B to B, and C to C.**



## 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 .....	1920 x 1200
Input/Output Connector Type .....	HDMI
Link Connector .....	RJ-45
Fiber Requirement .....	50 or 62.5 micron multimode fiber
Power Consumption .....	15 Watts (max.)
Power Supply .....	12VDC
Dimensions .....	3.25"D x 4.25 "W x 1"H
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 one (1) year from the date of shipment, Gefen System 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 time of repair. Such repairs are warranted for ninety (90) days from the day of shipment 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.

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 aHDMIsed of the possibility of such damages. The technical information contained herein regarding the HDMI 1000 features and specifications is subject to change without notice.

\* ma - HDMI - 1000HD\*

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