



**1x8 HDTV DA**  
**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 1:8 HDTV Distribution Amplifier** is a trademark of Gefen Inc.

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# INTRODUCTION

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Congratulations on your purchase of the 1:8 HDTV Distribution Amplifier. The 1:8 HDTV distribution amplifier is an innovative solution for anyone with more complex computer system requirements, like studios and presentation venues where multi-viewing is essential. The 1:8 HDTV distribution amplifier accommodates various system scenarios. Most commonly a video source (either DVI-equipped computer, DVD player or satellite set top box) is connected to the distribution amplifier on one side. On the output side, eight video outputs are available to be used in part or in full. Once the unit is connected and powered, the source can be routed to multiple displays. All DVI displays are driven by the DVI source with the source or computer capable of driving eight displays at one time. For home theater applications, the unit is HDCP (high definition content protection) compliant, making it effective for use with all HDTV displays.

## **How it works:**

Gefen's extend•it 1:8 HDTV distribution amplifier sends the same DVI graphics source to eight DVI based digital screens (flat panels or projectors). It is a flexible solution that accommodates multiple DVI displays.

The extend•it 1:8 HDTV distribution amplifier is connected with a DVI (male to male) cable from the DVI graphic source to the distribution amplifier input. There are eight DVI outputs in each module. DVI output one is the primary connection and is used for the main display. DVI output 2 thru 8 follow the main display.

## **Contents:**

The 1:8 HDTV Distribution Amplifier consists of:

- (1) 1x8 HDTV Distribution Amplifier
- (1) DVI 6ft Male to Male Cables
- (1) 24VDC Power Supply
- (1) User Manual

## OPERATION NOTES

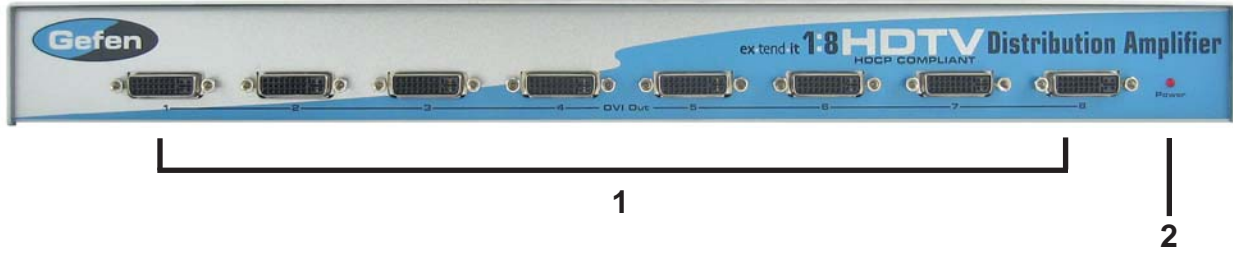
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### **READ THESE NOTES BEFORE INSTALLING OR OPERATING THE 1:8 HDTV DISTRIBUTION AMPLIFIER SYSTEM**

- All the monitors connected to the 1:8 HDTV Distribution Amplifier must be able to run at the same native resolution. The 1:8 HDTV Distribution Amplifier does not scale the video.
- The 1:8 HDTV Distribution Amplifier units are housed in a metal box for better RF shielding.
- You must connect the sources and displays prior to applying power to the unit.

# 1:8 HDTV DISTRIBUTION DA FRONT PANEL DESCRIPTION

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## Front Panel Function Description

- 1 **DVI OUT** - DVI outputs 1-8
- 2 **Power Light** - Indicates when power is on.

# 1:8 HDTV DISTRIBUTION AMPLIFIER BACK PANEL DESCRIPTION

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## Back Panel Function Description

- 1 **DVI IN 1** - DVI source
- 2 **24 VDC** - 4 pin din power 24 VDC connector

## SPECIFICATIONS

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Video Amplifier Bandwidth .....	1.65 GHz
Single Link Range .....	1920 x 1200
Vertical Frequency Range .....	60 Hz
DVI Input/Output Connector Type .....	DVI-I
Power Consumption .....	60 Watts (max.)
Power Supply .....	24VDC
Dimensions .....	17"W x 1.75"H x 7.25"D
Rackmountable .....	1 Rack Space
Shipping Weight .....	8 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 time of repair. Such repairs are warranted for ninety (90) days from the day of re-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.

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 The 1:8 HDTV Distribution Amplifier features and specifications is subject to change without notice.