



**1x8 DVI DA**  
**USER MANUAL**

## 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.

**1x8 DVI DA** is a trademark of Gefen Inc.  
**DVI** is a trademark of hdmi.org

# TABLE OF CONTENTS

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- 1 Introduction
- 2 Features
- 3 Panel Descriptions
- 4 Connecting and Operating the 1x8 DVI DA
- 5 Dip Switch Guide
- 6 Specifications
- 7 Warranty

# INTRODUCTION

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Congratulations on your purchase of the ex•tend•it 1x8 DVI Distribution Amplifier. Your complete satisfaction is very important to us.

Gefen'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 1x8 DVI DA allows one HDTV device to be outputted on up to eight HDTV displays. All output displays will have mirrored images.

The ex•tend•it line offers solutions for Home Theater, AV installation, data center, information distribution, conference room presentation, school and corporate training environments.

## Our Commitment

Gefen 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 ex•tend•it 1x8 DVI DA allows one HDTV DVI device to be distributed easily in to eight HDTV DVI compatible monitors or projectors. Simply connect your HDTV displays to the DA's display outputs. The 1x8 DVI DA can also be placed at the end of a long DVI cable to regenerate the DVI signal.

# FEATURES

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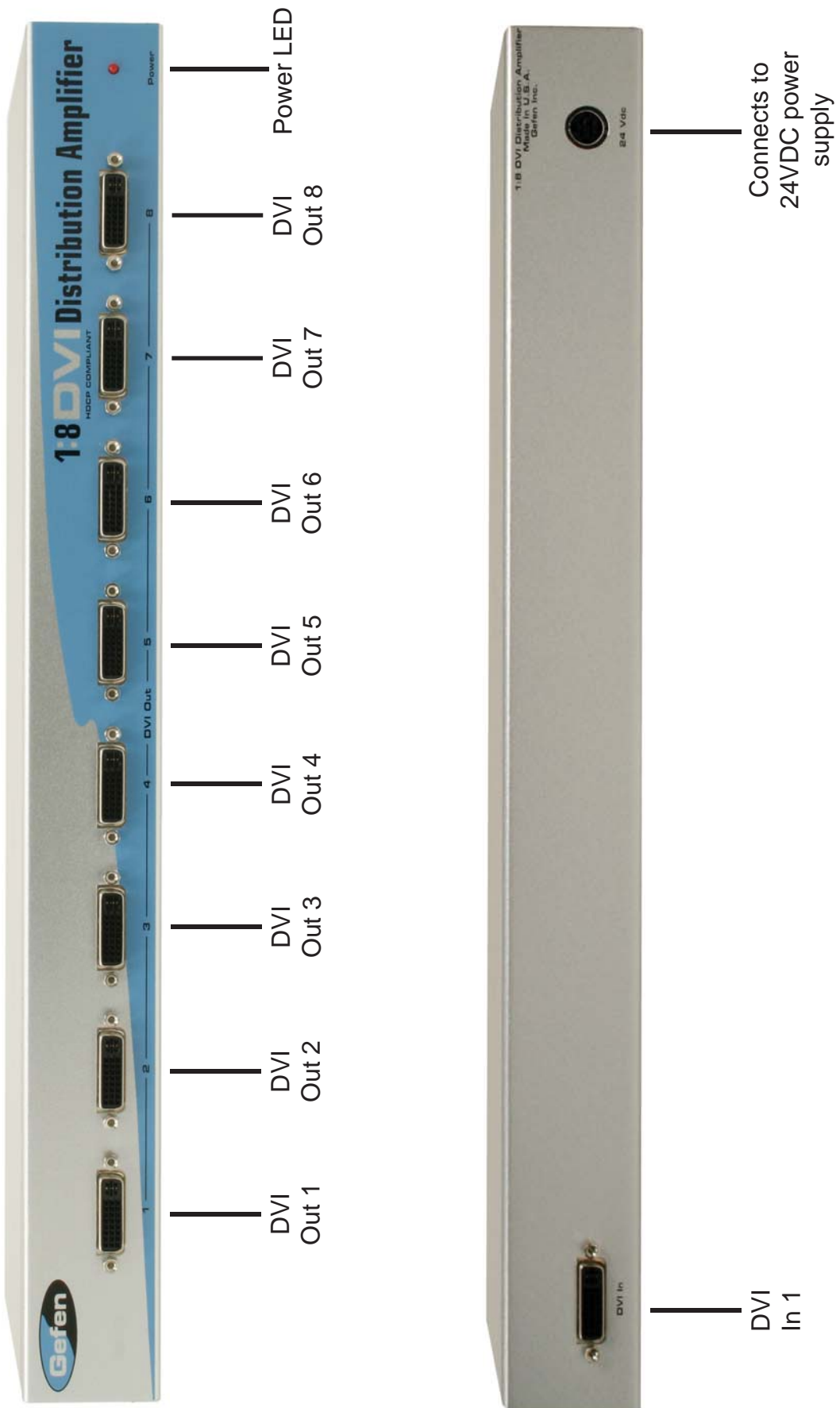
## Features

- Distributes easily up to eight DVI/HDMI displays
- Maintains 480i, 480p, 720p, 720i, and 1080i, 1080p resolutions
- Maintains highest DVI single link video resolution
- Maintains highest DVI digital audio signal
- Supports HDCP compliant devices
- DVI or DVI to HDMI cables are used to connect the inputs and switcher output
- Installs in seconds

## Includes:

- (1) 1x8 DVI DA
- (1) 6' DVI cables (M-M)
- (1) 24VDC Power Supply
- (1) Rack Ears
- (1) Users Manual

# PANEL DESCRIPTIONS



# CONNECTING AND OPERATING THE 1X8 DVI DA

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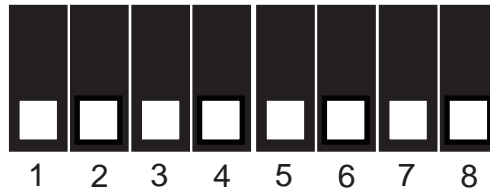
## How to Connect the 1x8 DVI DA to your devices

- 1 Connect the supplied cable from the HDTV DVI source into the 1x8 DVI DA input.
- 2 Connect the cables from your displays (monitor or projector) into the DVI outs of the 1x8 DVI DA.
- 3 Plug the 24VDC power supply into the 1x8 DVI DA.

## DIP SWITCH GUIDELINES

Inside the 1x8 DVI Splitter is a bank of Dip Switches. Below is a table describing their functions. By default, all switches are set to the Off position. By default, all switches are set to the Off position.

Dip Switch #	Name	Description
1	Switching Delay	Adds a 3 second delay to switching
2	On Board EDID	Feeds a Generic HDMI EDID to all Inputs
3	Unused	
4	Unused	
5	Unused	
6	Unused	
7	Unused	
8	Edge Select	+Edge Pixels



How to open the 1x8 DVI Splitter:

To access the dip switches, first remove the 18 hex nuts on the front of the unit (2 located on each DVI port and 2 on the DVI port on the back). Remove the 5 Philips screws under the unit and the 4 screws on each side of the unit. Now carefully remove the cover of the 1x8 DVI Splitter.



## SPECIFICATIONS

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Video Amplifier Bandwidth .....	1.65 GHz
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 .....	DVI (Digital Only)
Output Connector Type .....	DVI (Digital Only)
Power Consumption .....	60 Watts (max.)
Power Supply .....	12-24VDC
Dimensions .....	17"W x 1.75"H x 7.25"D
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 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 1x8 DVI DA features and specifications is subject to change without notice.