



# **HDMI to DVI AUDIO**

**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.

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# INTRODUCTION

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Congratulations on your purchase of the HDMI to DVI Audio Adapter. Your complete satisfaction is very important to us.

Gefen's line of HDMI switches, extenders, splitters and adapters are designed to make your A/V equipment use more comfortable, more productive and less expensive.

Our HDMI Switchers allow access to multiple HDMI devices, using a single HDMI display while the HDTV extender product line can extend HD video signal up to 1640 feet (500 meters).

The ex•tend•it line offers solutions for noise, space and security concerns, data center control, 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 of support from a team of outstanding engineers.

## Introduction

The HDMI™ to DVI Audio Adapter is a unique device that inputs digital video and digital audio into DVI and a TOSlink output to seamlessly integrate into the modern home theater.

# FEATURES

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## Features

- Allows you to connect HDMI™ outputs to TosLINK and a DVI display
- Decodes digital audio and video signal from HDMI™ video and audio
- Supports resolutions up to 1080p, 2K, and 1920 x 1200
- HDMI™ compliant
- HDCP pass-through
- Installs in seconds

## Includes:

- (1) HDMI to DVI Audio Adapter
- (1) 5V Power Supply
- (1) 6 ft HDMI Cable
- (1) Users Manual



# PANEL DESCRIPTIONS

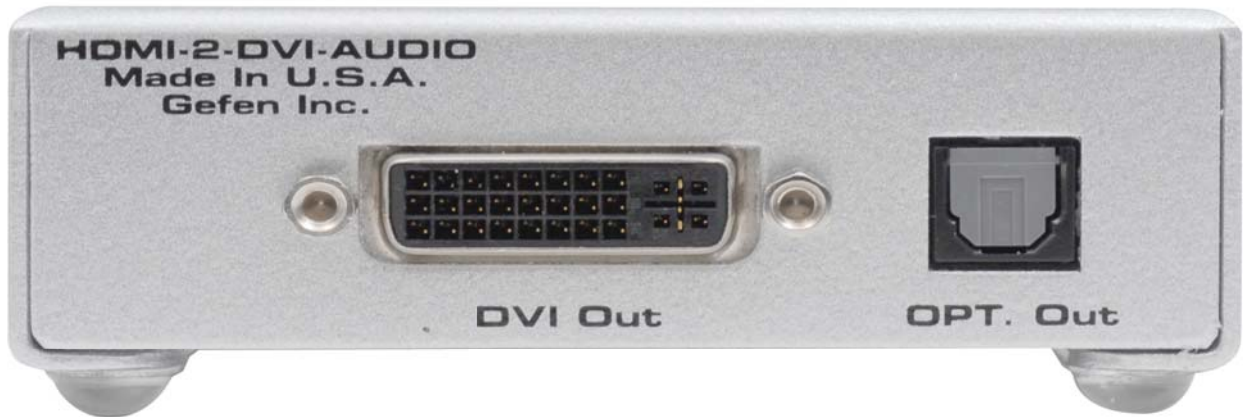
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Connects to  
5VDC power supply

Power Indicator

HDMI Input



DVI Output

TOSlink Output

# **CONNECTING AND OPERATING THE HDMI TO DVI AUDIO ADAPTER**

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## **How to Connect the HDMI to DVI and Audio Adapter**

- 1- Connect your DVI compliant monitor to the DVI female connector on the output side of the HDMI to DVI Audio Adapter.
- 2- Connect your HDMI source to the HDMI input on the HDMI to DVI Audio Adapter.
- 3- Connect the TOSlink Cable between the audio output on the HDMI to DVI Audio Adapter and the Audio input on your device.
- 4- Connect the power supply.

## DIP SWITCH GUIDE

The audio output can be configured by following the Dip switch selection as followed:

Switches [4:1]	Audio
With all Dip Switches off	EDID audio and speakers descriptor as in display's EDID (Default)
With Switch 1 on	Audio format: LPCM Maximum number of channels: 6 Sampling frequency (KHz): 32,44.1, and 48 Number of bits per sample: 24, 20, and 16 Speakers: RLC,RRC,FLC/FRC,RC,RL?RR,FC,LFE,FL/FR
With Switch 2 on	Audio format: AC-3 Maximum number of channels: 6 Sampling frequency (KHz): 32, 44.1, and 48 Number of bits per sample: 448kbps Speakers: RLC,RRC,FLC/FRC,RC,RL?RR,FC,LFE,FL/FR
With Switch 3 on	Audio format: DTS Maximum number of channels: 6 Sampling frequency (KHz): 96, 32, 44.1, and 48 Number of bits per sample: 1536 kbps Speakers: RLC,RRC,FLC/FRC,RC,RL?RR,FC,LFE,FL/FR

Here is a picture of the DIP switches which are located underneath the unit. You will find a blank silver sticker that you will take off to reveal a bank of 4 dip switches.





# 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)
HDMI Connector.....	type A (19 pin) female
DVI Connector.....	DVI-I (29 pin) female (digital only)
Audio Connector.....	TOSlink: 192 kHz Performance
Power Consumption.....	10 watts (max)
Power Supply.....	5V DC
Dimensions.....	6"W x 1"H x 4"D
Shipping Weight.....	2 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 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 HDMI to DVI Audio Adapter features and specifications is subject to change without notice.