

## 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.

**HDTV Digital Audio Switcher** is a trademark of Gefen Inc.

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# INTRODUCTION

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Congratulations on your purchase of the ex•tend•it HDTV Digital Audio Switcher. 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 HDTV Digital Audio Switcher allow access to multiple HDTV devices, using a single HDTV display while the HDTV extender product line can extend the HDTV 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.

The ex•tend•it HDTV Digital Audio Switcher allows two HDTV devices to be switched easily in to one HDTV compatible monitor or projector. Simply connect your HDTV display to the Switcher's display output and your digital audio to the digital out. The HDTV Digital Audio Switcher can also be placed at the end of a long DVI cable to regenerate the HDTV signal.

# FEATURES

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## Features

- Switches easily between any two DVI HDTV sources
- Switches easily between any two TOSlink or spdif sources
- Maintains 480i, 480p, 720p, 720i, and 1080i resolutions
- Extends any DVI compliant device by regenerating the DVI signal
- Maintains highest DVI single link video resolution
- Supports DDWG standard for DVI compliant monitors
- Supports HDCP compliant devices
- Optional RMT-2 remote control
- DVI cables are used to connect the DVI inputs and HDTV Digital Audio Switcher output
- TOSLINK cables are used to connect the TOSLINK inputs and HDTV Digital Audio Switcher output
- Installs in seconds

## Includes:

HDTV Digital Audio Switcher  
2x 6' DVI cables (m-m)  
2x 6' TOSlink cables  
5VDC Power Supply  
RMT2-IR

# PANEL DESCRIPTIONS



Optical Out  
 SPDIF Out  
 5VDC power supply  
 DVI Out  
 Connects to IR extender  
 IR eye  
 Selects port 1 or port 2



Input 1  
 Input 2  
 SPDIF 1  
 SPDIF 2  
 OPT 1  
 OPT 2

# **Connecting and Operating the HDTV Digital Audio Switcher**

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## **How to Connect the HDTV Digital Audio Switcher to your devices**

- 1** Connect the supplied Toslink and DVI cables from the HDTV sources into the HDTV Switcher inputs. Toslink inputs are labeled "OPT 1" and "OPT2". DVI inputs are labeled "DVI in 1" and "DVI in 2".
- 2** Connect the DVI cable from your display (monitor or projector) into the "DVI Out" of the HDTV Switcher.
- 3** Connect a Toslink cable from the "OPTICAL out" into your audio receiver or display.
- 4** Plug the 5VDC power supply into the HDTV Digital Audio Switcher.

## **How to Operate the HDTV Digital Audio Switcher**

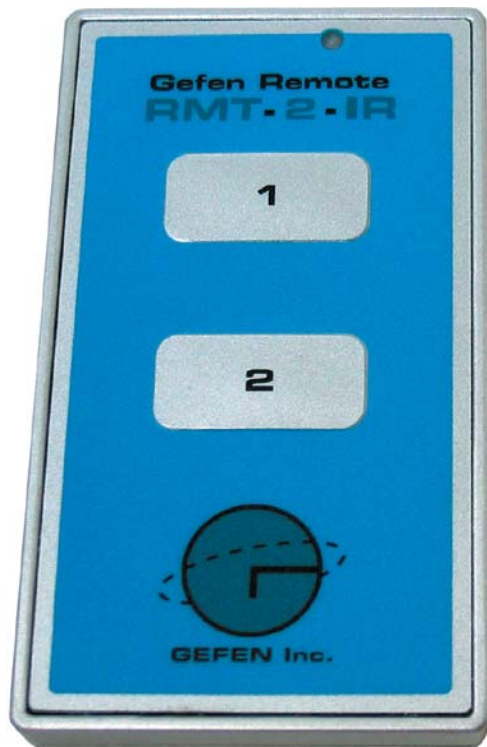
- 1** Use the front panel push button to switch between sources.
- 2** Alternatively, use the RMT2-IR remote control port to remotely toggle between sources.

## RMT2-IR Installation

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1. Remove battery cover from the back of the RMT2-IR remote.
2. Verify that dip switches 1 & 2 are in the down (OFF) position.
3. Insert the battery, hold the battery so that you can see the positive side facing up. The side that is not marked must be facing down.
4. Test the RMT2-IR remote by pressing ONLY one button at a time. The indicator light on the remote will flash once each time you press a button. **WARNING:** Do not press multiple buttons simultaneously and do NOT press buttons rapidly. These actions will cause the remote to reset and steps 1-4 will have to be repeated.

Note: The RMT2-IR ships with two batteries. One battery is required for operation, the second battery is complimentary.



The optional IR extender allows you to relocate your 2x1 HDTV Digital Audio Switcher and still have IR control of the 2x1 HDTV Digital Audio Switcher

# 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 .....	1920 x 1200
HDTV Input/Output Connector Type .....	DVI-D
Power Consumption .....	15 Watts (max.)
Power Supply .....	5VDC
Dimensions .....	4"D x 4"W x 1.1"H
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 one (1) 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.

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 HDTV Digital Audio Switcher features and specifications is subject to change without notice.