



**Gefen TV
Switchter**
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.

Gefen TV Switcher Switcher is a trademark of Gefen Inc.
HDMI is a trademark of hdmi.org

TABLE OF CONTENTS

- 1** Introduction
- 2** Features
- 3** Panel Descriptions
- 4** Connecting and Operating the Gefen TV Switcher / Device Buttons / Automatic Switching
- 5** RMT4-IR Installation
- 6** IR Code Conflicts
- 7** Specifications
- 8** Warranty

INTRODUCTION

Congratulations on your purchase of the Gefen's TV 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 Gefen TV Switcher allows access to four HDTV devices, using one HDTV display.

The extend•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 extend•it Gefen TV Switcher allows four HDTV HDMI devices to be switched easily in to one HDTV HDMI compatible monitor or projector. Simply connect your HDTV display to the Switcher's display output. The Gefen TV Switcher can also be placed at the end of a long HDMI cable to regenerate the HDMI signal.

FEATURES

Features

- Switches easily between any four HDMI sources
- Maintains 480p, 720p, 1080i, and 1080p resolutions
- Maintains highest HDMI single link video resolution
- Supports HDCP compliant devices
- HDMI or DVI to HDMI cables are used to connect the inputs and switcher output
- Inputs can be switched automatically, with the IR remote control or toggled between.
- Installs in seconds
- Automatic switching
- Fully HDMI 1.3 compliant

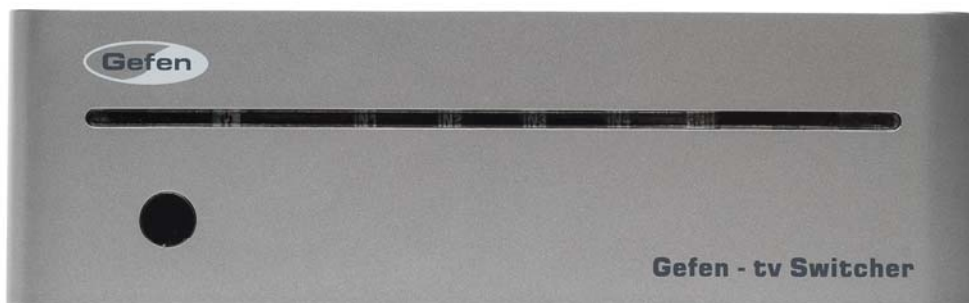
Includes:

- (1) Gefen TV Switcher
- (1) 6' HDMI cables (M-M)
- (1) 5VDC Power Supply
- (1) RMT4-IR
- (1) Users Manual



PANEL DESCRIPTIONS

Power and Channel
LED Indicators



IR Eye



Enhance
and Input
Button

HDMI
Output

Input 4

Input 3

Input 2

Input 1

Power Supply
Input

CONNECTING AND OPERATING THE Gefen TV SWITCHER

How to Connect the Gefen TV Switcher to your devices

- 1 Connect the supplied cable from the HDTV HDMI source into the Gefen TV Switcher inputs.
- 2 Connect the cable from your display (monitor or projector) into the HDMI out of the Gefen TV Switcher.
- 3 Plug the 5VDC power supply into the Gefen TV Switcher.

How to Control the Gefen TV Switcher

Use the RMT4-IR remote control to toggle between sources, or turn on source, or press input button.

DEVICE BUTTONS

Enhance Button

By pressing the Enhance button you allows the switcher to do a pre-emphasis on the signal.

Input Select Button

Allows you to toggle between inputs.

AUTOMATIC SWITCHING

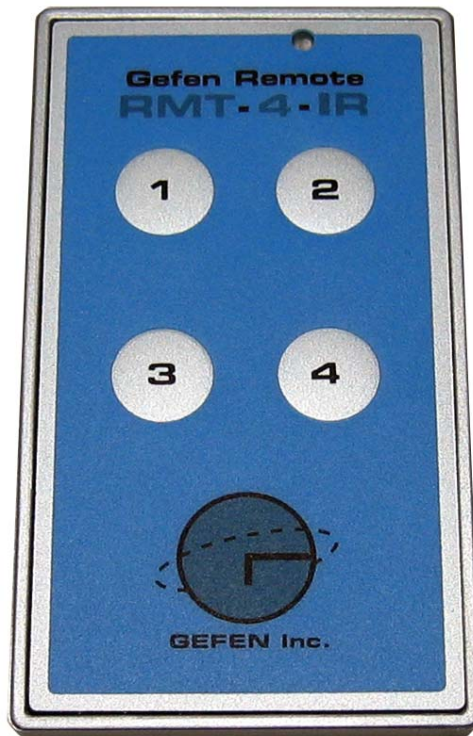
Automatic switching is done very easily. Whenever you power on your device on a certain input, that input will become active. If you power down the device on that input, the switcher will revert back to the previous input that was active.

The remote and input select button will always allow you to switch manually. The remote will switch discretely to any input, while the input select button will allow you to toggle between inputs.

RMT4-IR INSTALLATION

1. Remove battery cover from the back of the RMT4-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 RMT4-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 RMT4-IR ships with two batteries. One battery is required for operation, the second battery is complimentary.



IR CODE CONFLICTS

How to Resolve IR Code Conflicts

If you are experiencing IR conflicts, you can change the IR Code of the remote and switcher. You can do so by holding the Enhance button down for 5 seconds and wait for the LED's to flash in front of the unit. The LED's will flash the current IR channel. Press the Input button to select which IR Code you want to set both the switcher and remote to. Press the enhance button to finish. If this does not work, please call Gefen's tech support for further assistance.

Remote



Remote Channel 1:



Remote Channel 2:



Remote Channel 3:



Remote Channel 4:



SPECIFICATIONS

Video Amplifier Bandwidth	2.25 GHz
Input Video Signal	1.2 volts p-p
Input DDC Signal	5 volts p-p (TTL)
Single Link Range	1080p 10 bit/ 1920 x 1200
Input Connector Type	HDMI
Output Connector Type	HDMI
Power Consumption	10 Watts (max.)
Power Supply	5VDC
Dimensions	6.875"W x 2.125"H x 6.875"D
Shipping Weight	5 Lbs

WARRANTY

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 Gefen TV Switcher features and specifications is subject to change without notice.