



**2x4 HDMI
Switcher/Splitter**
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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HDMI is a trademark of hdmi.org

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INTRODUCTION

Congratulations on your purchase of the ex•tend•it 2x4 HDMI Switcher/Splitter. 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 2x4 HDMI Switcher/Splitter allows access to two HDTV devices, using up to four HDTV displays. All output displays will have mirrored images.

The ex•tend•it line offers solutions for Home Theater, A/V 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 2x4 HDMI Switcher/Splitter allows two HDTV HDMI devices to be distributed easily in to four HDTV HDMI compatible monitors or projectors. Simply connect your HDTV displays to the DA's display outputs. The 2x4 HDMI Switcher/Splitter can also be placed at the end of a long HDMI cable to regenerate the HDMI signal.

How It Works

You simply connect all your sources to the Switcher's inputs. Then connect up to four displays on the output ports. Once the sources, the Switcher and the display(s) are powered and connected, you simply select which source you want to view using the IR remote.

FEATURES

Features

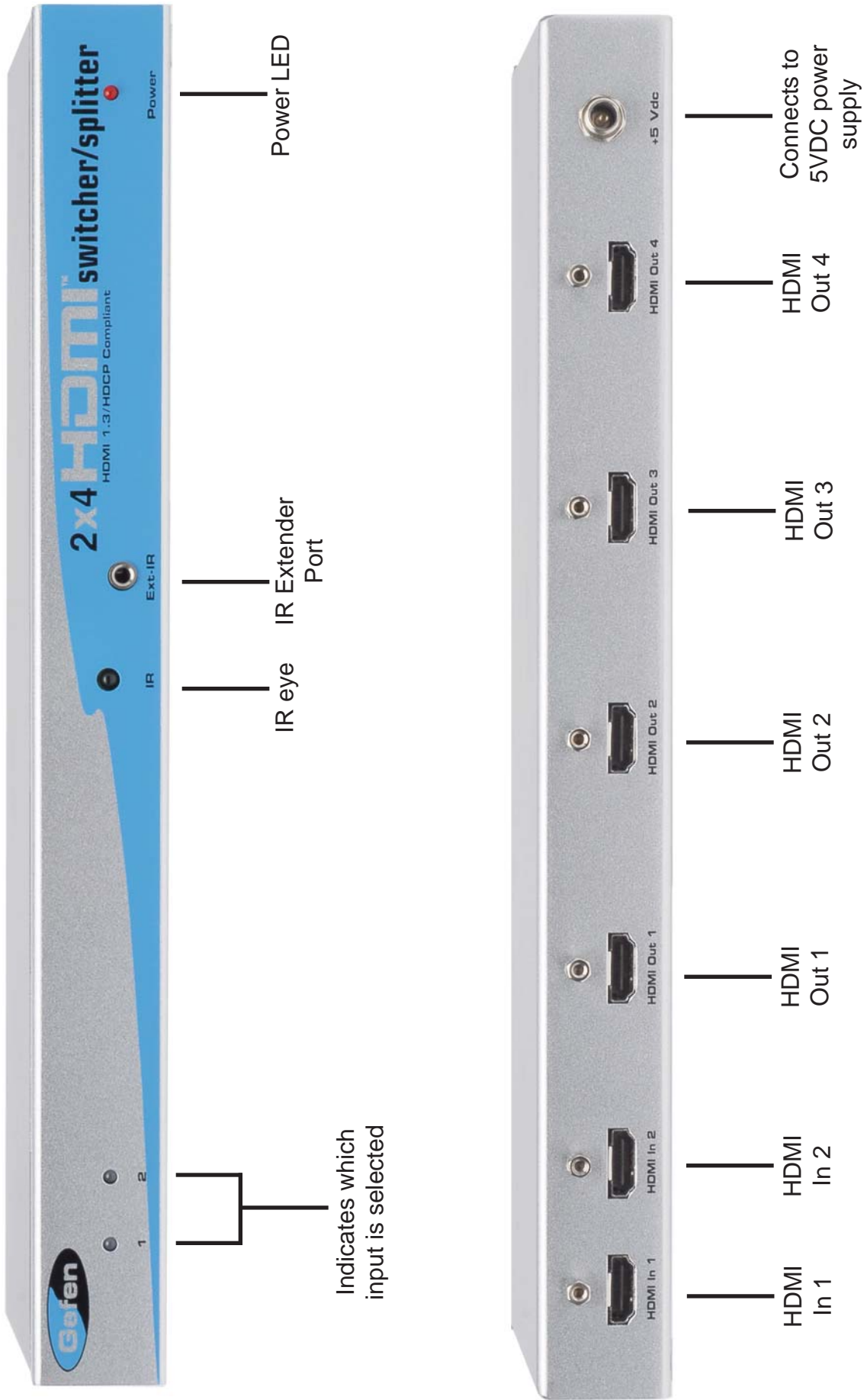
- Switches easily between any two DVI/HDMI sources
- Maintains 480i, 480p, 720p, 720i, and 1080i, 1080p resolutions
- Maintains highest HDMI single link video resolution
- Maintains highest HDMI digital audio signal
- Supports HDCP compliant devices
- HDMI or DVI to HDMI cables are used to connect the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

Includes:

- (1) 2x4 HDMI Switcher/Splitter
- (2) 6' HDMI cables (M-M)
- (1) 5VDC Power Supply
- (1) RMT2-IR
- (1) Users Manual



PANEL DESCRIPTIONS



CONNECTING AND OPERATING 2x4 HDMI SWITCHER/SPLITTER

How to Connect the 2x4 HDMI Switcher/Splitter to your devices

- 1** Connect the supplied cables from the HDTV HDMI sources into the 2x4 HDMI Switcher/Splitter inputs.
- 2** Connect the cables from your displays (monitor or projector) into the HDMI outs of the 2x4 HDMI Switcher/Splitter.
- 3** Plug the 5VDC power supply into the 2x4 HDMI Switcher/Splitter.

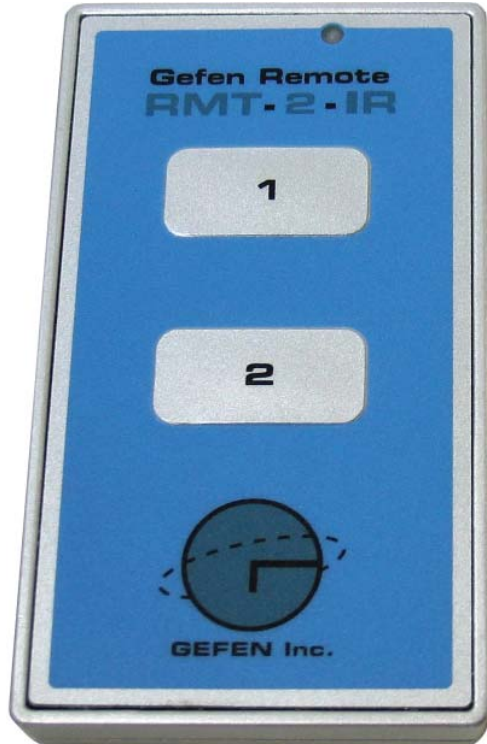
How to Control the 2x4 HDMI Switcher/Splitter

Use the RMT2-IR remote control to toggle between sources.

RMT2-IR INSTALLATION

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 HDMI Switcher and still have IR control of the HDMI Switcher

IR CODE CONFLICTS

How to Resolve IR Code Conflicts

There are matching pairs of dip switches underneath the Switcher unit and under the remote battery cover. Switch 1 & 2 on the Remote and Switch 1 & 2 underneath the unit are the matching switches. These switches need to be matched for the remote to communicate with the switcher. There are 4 possible sets of IR codes and at least one of these sets should be able to resolve any IR conflicts with other home theater devices.

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/60 10 bit color depth, 1920x1200
HDMI Connector.....	type A 19 pin female
Power Supply.....	5V DC
Power Consumption.....	10 watts (max)
Dimensions.....	12"W x 1.25"H x 4.25"D
Shipping Weight.....	6 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 2x4 HDMI Switcher/Splitter features and specifications is subject to change without notice.