

# Gefen

## 3x1 Switcher For HDMI™ 1.3

EXT-HDMI1.3-341

User Manual



[www.gefen.com](http://www.gefen.com)

1080P  
PROGRESSIVE

HDMI™  
HIGH DEFINITION MULTIMEDIA INTERFACE

DTV

HD DVD

Blu-ray Disc™

## ASKING FOR ASSISTANCE

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### Notice

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**3x1 Switcher for HDMI 1.3** is a trademark of Gefen Inc.  
**HDMI** is a trademark of HDMI.org

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## INTRODUCTION

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Congratulations on your purchase of the 3x1 Switcher for HDMI 1.3. Your complete satisfaction is very important to us.

The 3x1 Switcher for HDMI 1.3 allows three HDTV HDMI devices to be switched easily into one HDTV HDMI compatible monitor or projector. Simply connect your HDTV display to the Switcher's display output. The 3x1 Switcher for HDMI 1.3 can also be placed at the end of a long HDMI cable to regenerate the HDMI signal.

### **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.

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. Gefen offers solutions for home theater, A/V installation, data center, information distribution, conference room presentation, school and corporate training environments.

# FEATURES

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## Features

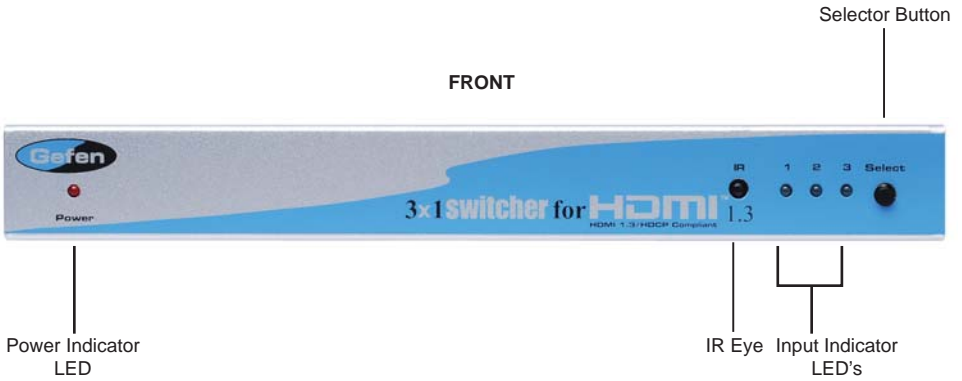
- Switches easily between any three HDMI 1.3 sources
- Maintains 480i/p, 576i/p, 720p, 1080i, and 1080p resolutions
- Maintains highest HDMI single link video resolution
- Supports HDCP compliant devices
- HDMI or DVI to HDMI cables are used to connect the inputs and switcher output
- Inputs can be switched with the IR remote control or by using the select button on the front panel
- Installs in seconds
- Fully HDMI 1.3 compliant

## Includes

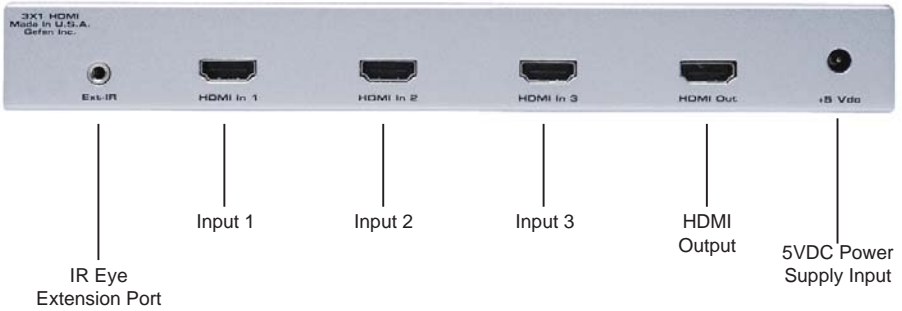
- (1) 3x1 Switcher for HDMI 1.3
- (3) 6 Foot HDMI Cables (M-M)
- (1) 5VDC Power Supply
- (1) RMT3-IR Remote Control
- (1) User's Manual

# PANEL DESCRIPTIONS

## FRONT



## BACK



## **CONNECTING AND OPERATING THE 3X1 SWITCHER FOR HDMI 1.3**

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### **How to Connect the 3x1 Switcher for HDMI 1.3 to your devices**

1. Connect the supplied cables from the HDTV HDMI sources into the 3x1 Switcher for HDMI 1.3.
2. Connect the cable from your display (monitor or projector) into the HDMI out of the 3x1 Switcher for HDMI 1.3.
3. Plug the 5VDC power supply into the 3x1 Switcher for HDMI 1.3.

### **How to Control the 3x1 Switcher for HDMI 1.3**

Use the RMT3-IR remote control to toggle between sources on the 3x1 Switcher for HDMI 1.3. You can also use the Select Button on the front panel to cycle between the inputs.

## RMT3-IR INSTALLATION

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1. Remove battery cover from the back of the RMT3-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 RMT3-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 RMT3-IR ships with two batteries.





# 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 (switches 3 and 4 are not used) on the dip switch bank located underneath the unit. These switches need to be matched for the remote to communicate with the switcher. Switch 1 on the remote is linked to switch 1 on the unit, and switch 2 on the remote is linked to switch 2 on the unit. 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

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Video Amplifier Bandwidth .....	225 MHz
Input Video Signal .....	1.2 Volts p-p
Input DDC Signal .....	5 Volts p-p (TTL)
Single Link Resolution .....	1080p/60 10 bit Color Depth, 1920x1200
HDMI Connector .....	Type A 19 Pin Female
Remote Control Port .....	Mini-Stereo
Power Supply .....	5V DC
Power Consumption .....	5 Watts (max)
Dimensions .....	9.25"W x 1"H x 2.75"D
Shipping Weight .....	4 lbs.