



Switch Between Your HDMI 1.3 Sources.



EXT-HDMI1.3-341

Switch Between Three HDMI 1.3 Sources On One Display

Gefen's 3x1 HDMI 1.3 Switcher routes high definition video up to 1080p plus multichannel digital audio from any of three sources. Three inputs accommodate the simultaneous connection of up to three high definition video sources, such as satellite systems and HD DVD players. The output sends the high definition audio/video signals to a high definition display. Switching is done via the IR remote that is provided with the unit.

How it works

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

HDMI 1.3 Features:

- Lip Sync Pass Through
- 225 MHz (up to 12 bit YUV 444 supported @ 1080p)
- Deep Color Supported (XV Color Supported)
- Dolby TrueHD & DTS Master Supported
- CEC Source Switching Enabled

Features:

- Switch easily between any three HDMI sources
- Extends the range of HDMI compliant device by equalizing and reclocking the HDMI signal
- Maintains high resolution video - beautiful, sharp HDTV resolutions up to 1080p, 2k, and computer resolutions up to 1920 x 1200 are easily achieved
- Discrete IR remote (included)
- HDMI Compliant
- HDCP Compliant

Specifications:

- Video Amplifier Bandwidth: 225 MHz
- 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
- 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.



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Gefen

3x1 Switcher For HDMI™ 1.3

EXT-HDMI1.3-341

User Manual



www.gefen.com

1080P
PROGRESSIVE

HDMI™
HIGH DEFINITION MULTIMEDIA INTERFACE

DTV

HD DVD

Blu-ray Disc™

ASKING FOR ASSISTANCE

Technical Support:

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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.

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

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INTRODUCTION

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

Features

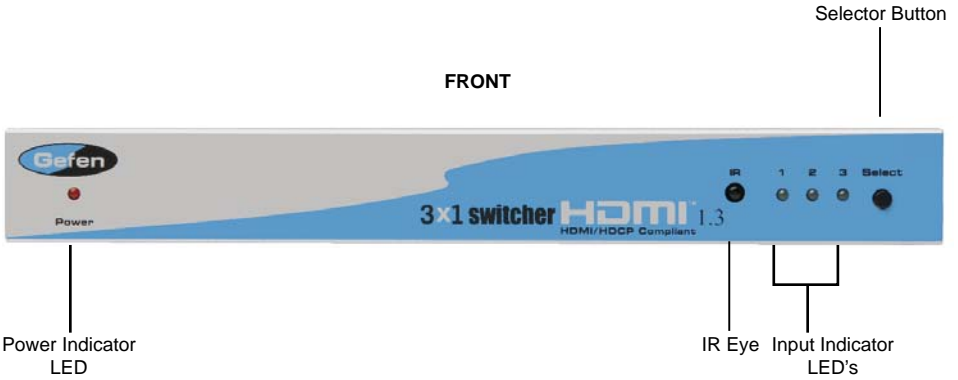
- Switches easily between any three HDMI 1.3 sources
- Maintains 480i/p, 576i/p, 720p, 1080i, and 1080p resolutions
- Maintains highest HDMI single link video resolution
- Supports HDCP compliant devices
- HDMI or DVI to HDMI cables are used to connect the inputs and switcher output
- Inputs can be switched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

Includes

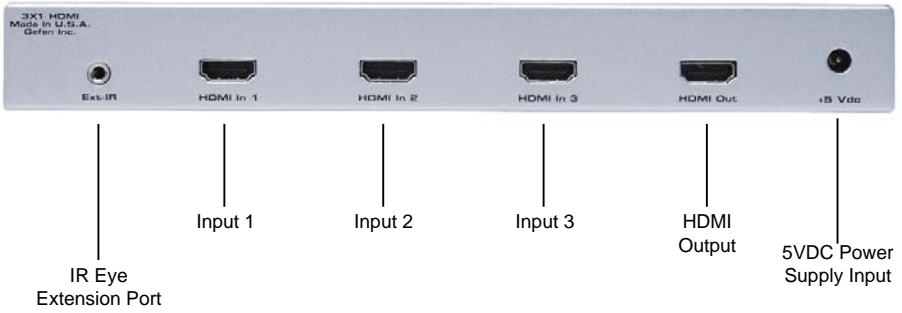
- (1) 3x1 Switcher for HDMI 1.3
- (3) 6 Foot HDMI Cables (M-M)
- (1) 5VDC Power Supply
- (1) RMT3-IR Remote Control
- (1) User's Manual

PANEL DESCRIPTIONS

FRONT



BACK



CONNECTING AND OPERATING THE 3X1 SWITCHER FOR HDMI 1.3

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

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

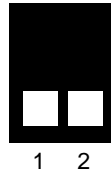
How to Resolve IR Code Conflicts

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.

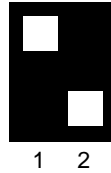
Remote



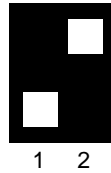
Remote Channel 1:



Remote Channel 2:



Remote Channel 3:



Remote Channel 4:



SPECIFICATIONS

Video Amplifier Bandwidth	225 MHz
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Single Link Resolution	1080p/60 10 bit Color Depth, 1920x1200
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Remote Control Port	Mini-Stereo
Power Supply	5V DC
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