Gefen tv

4x1 Gefen TV Switcher

GTV-HDMI1.3-441

User Manual

www.gefentv.com

1080P PROGRESSIVE · HDMI HIGH DEFINITION MULTIMEDIA INTERFACE · HDTV · HD DVD · Blu-ray Disc

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Congratulations on your purchase of the 4x1 Gefen TV Switcher. Your complete satisfaction is very important to us.

Gefen TV

Gefen TV is a unique product line catering to the growing needs for innovative home theater solutions. We specialize in total integration for your home theater, while also focusing on going above and beyond customer expectations to ensure you get the most from your hardware. We invite you to explore our distinct product line and hope you find your solutions.. Don't see what you are looking for here? Please call us so we can better assist you with your particular needs.

The Gefen TV Switcher

Gefen's 4x1 HDMI™ Switcher routes high definition video in multiple resolutions up to 1080p plus multichannel digital audio from any of four sources. four inputs accommodate the simultaneous connection of up to four 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(s) are powered and connected, you simply select which source you want to view using the IR remote.

OPERATION NOTES

**READ THESE NOTES BEFORE INSTALLING OR
OPERATING THE 4X1 GEFEN TV SWITCHER**

- HDMI 1.3 compliant (please see the next page for supported HDMI 1.3 features)

- HDCP compliant

- Compatible with all HDMI and DVI* displays

*When used with a HDMI to DVI adapter

Features

• Connects and Switches up to four HDMI video sources at the same time to one video source

• Included IR Remote control allows switching from a comfortable distance away

• Maintains high resolution video -- beautiful, sharp HDTV resolutions up to 1080p, 2k, and computer resolutions up to 1920 x 1200 are easily achieved

• Allows Simultaneous Displays
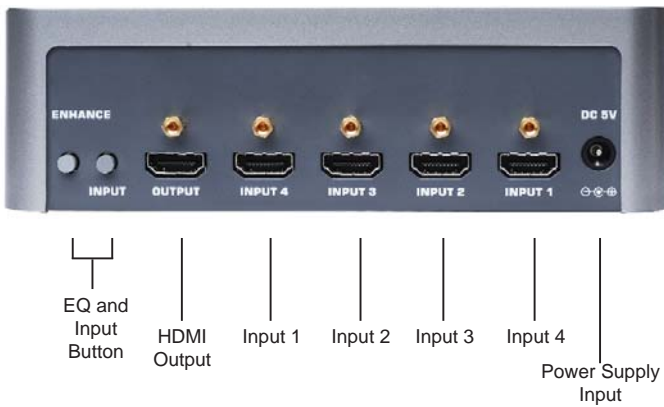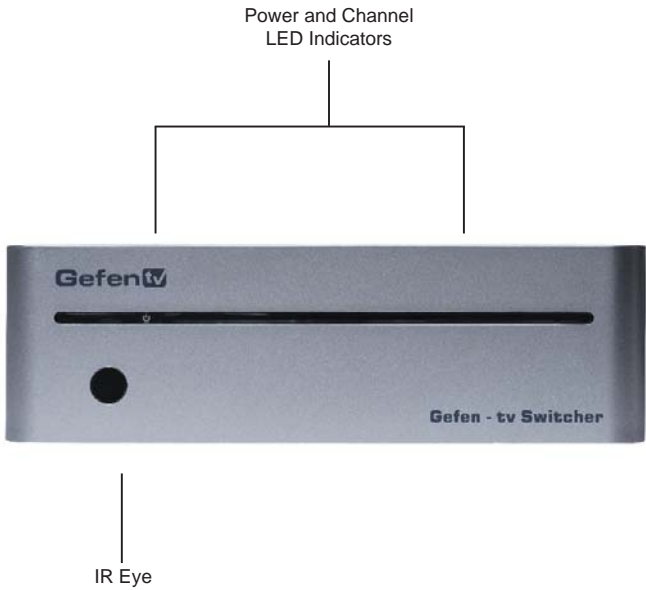
• HDCP Compliant

HDMI 1.3 Features

• Lip-Sync Pass Through

• 340 MHz (up to 16 bit YUV 444 supported @ 1080p)

• Deep Color Supported (XV Color Supported)

• Dolby TrueHD & DTS HD Master Audio Supported

• CEC Pass Through

Package Includes
(1) Gefen TV Switcher
(1) 6' HDMI cable (M-M)
(1) 5V DC Power Supply
(1) GTV4-IR Remote Control
(1) User Manual

Power and Channel
LED Indicators

IR Eye

EQ and
Input
Button

HDMI
Output

Input 1

Input 2

Input 3

Input 4

Power Supply
Input

How to Connect the 4x1 Gefen TV Switcher

1. Connect the supplied cables from the HDTV HDMI sources 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 either the GTV4-IR remote control to toggle between sources or press the input button on the rear of the unit.

DEVICE BUTTONS

EQ Button
By pressing the EQ button you allow the switcher to do a pre-emphasis on the signal. This will help the video signal when long distances or low quality cable is used.

Input Select Button
Pressing this button will toggle between the inputs in succession.

AUTOMATIC SWITCHING

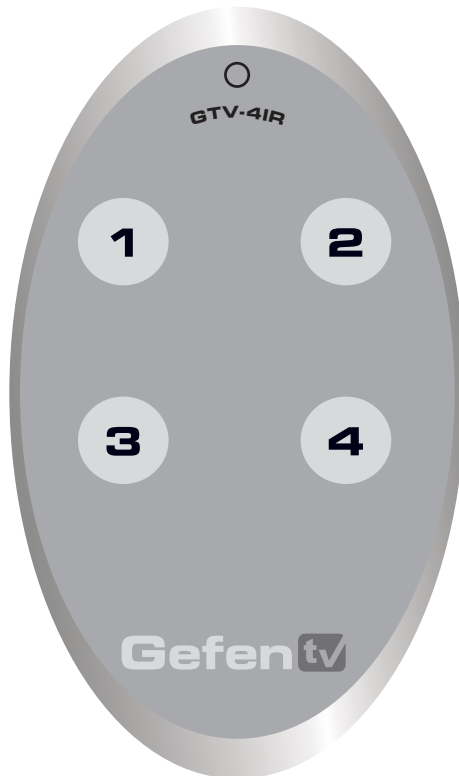Automatic switching is done very easily. Whenever a connected device is powered on, the 4x1 Gefen TV Switcher will switch to that input. Once that device is powered down, the switcher will revert back to the previous input that was active. The remote and input select button will always allow you to switch manually. The remote will switch discretely to any input, while the input select button will allow you to toggle between inputs.

1. Remove battery cover from the back of the GTV4-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 GTV4-IR remote by pressing ONLY one button at a time. The indicator

5. 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.

6. These actions will cause the remote to reset and steps 1-4 will have to be repeated.

Note: The GTV4-IR ships with two batteries. Only one battery is needed for operation, the other is complimentary.

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 EQ 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. (One flash for channel 1, two flashes for channel 2, etc.) Press the Input button to select which IR Code channel you wish to use. Press the EQ button to finish. Using the guide below, make sure that the unit and remote are both set to the same channel. If this does not work, please call Gefen's tech support for further assistance.

Remote

Remote Channel 1:
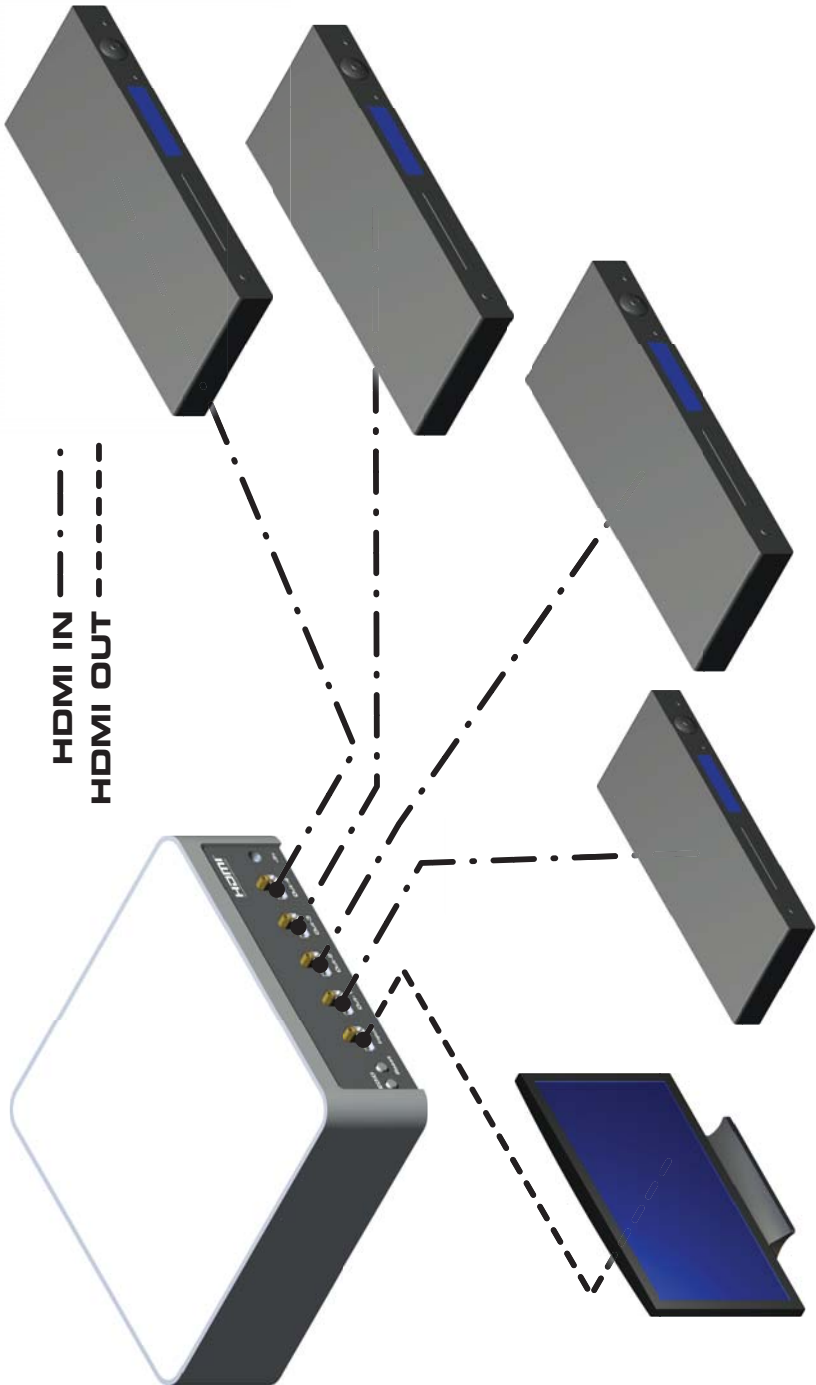
1   2

Remote Channel 2:

1   2

Remote Channel 3:

1   2

Remote Channel 4:

1   2

HDMI IN — · —
HDMI OUT — — —

SPECIFICATIONS

Video Amplifier Bandwidth ....340 MHz

Input Video Signal .... 1.2 Volts p-p

Input DDC Signal .... 5 Volts p-p (TTL)

Single Link Resolution .... 1080p 12 bit / 1920 x 1200

Input Connector Type .... HDMI Type A 19 pin

Output Connector Type .... HDMI Type A 19 pin

Power Consumption .... 10 Watts (max.)

Power Supply .... 5V DC

Dimensions .... 6.875"W x 2.125"H x 6.875"D

Shipping Weight .... 5 lbs