

Gefen

®

1:2 DVI SL Splitter

EXT-DVI-142SL

User Manual



www.gefen.com

1080P
PROGRESSIVE

HDTV

ASKING FOR ASSISTANCE

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Notice

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INTRODUCTION

Congratulations on your purchase of the 1:2 DVI SL Splitter. Your complete satisfaction is very important to us.

Gefen's line of KVM (Keyboard Video & Mouse), DVI, ADC, USB, switches, extenders, converters and hubs is designed to make computer use more comfortable, more productive and less expensive.

KVM switches allow access to multiple computers from a single keyboard, while the extenders give the user control over a computer up to 330 feet away from the work area.

The line offers solutions for noise, space and security concerns, data center control, information distribution, conference room presentation, and school and corporate training environments.

The 1:2 DVI SL Splitter allows computers with Single Link DVI graphic cards to be connected to one or two Single Link DVI compatible monitors or projectors.

The 1:2 DVI SL Splitter also lets you keep your Single Link DVI monitor next to your computer, while adding a second Single Link DVI display such as a projector or another Single Link DVI monitor.

Our Commitment

Gefen will always offer the finest quality product at the best possible price. Included in that price is a lifetime of support from a team of outstanding engineers.

FEATURES

Features

- Splits a Single Link DVI signal to two or more Single Link DVI displays
- Uses high quality DVI cables for connections
- Allows simultaneous display
- Supports 720P, 1080i, and 1080P resolutions
- Supports HDCP pass-through for output one
- Supports DDWG standard for DVI compliant monitors
- Installs in seconds

Includes:

- (1) 1:2 DVI SL Splitter
- (1) 6' DVI cable (M-M)
- (1) 5V DC Power Supply
- (1) User's Manual

Panel Connectors and LED Indicators

Front Panel

5V Power Input - Attach power tip from power supply here.

EQ Knob - Allows fine-tuning of video signal to remove noise. Please see detailed description on page 4 bottom.

DVI Input - Connect your computer video source to this connector.

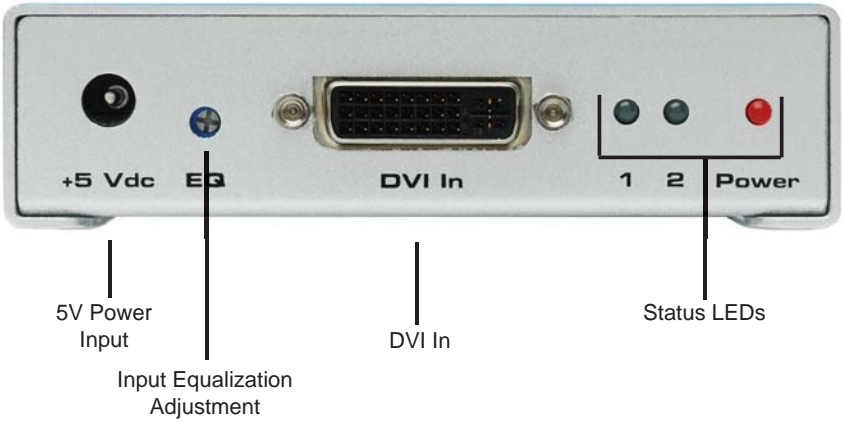
Status LEDs - LEDs indicate Power and which DVI outputs are connected to a display. For example, if both outputs are connected to active (powered) displays, both LED 1 and LED 2 will illuminate.

Rear Panel

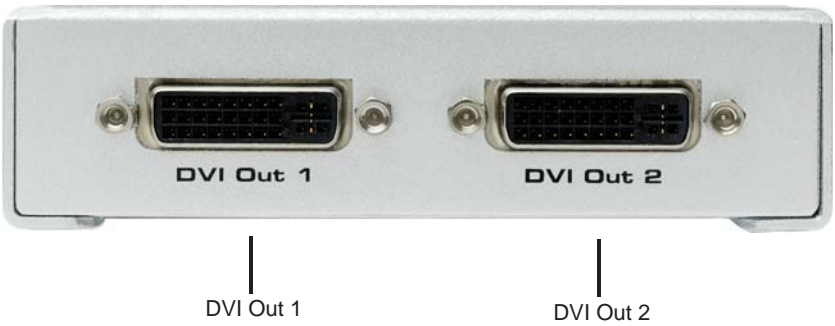
DVI Outs 1 and 2 - Connect your DVI-D-compliant monitors here.

PANEL DESCRIPTIONS

Front



Rear



CONNECTING AND OPERATING THE 1:2 DVI SL Splitter

How to Connect the 1:2 DVI SL Splitter to your devices

- 1- Connect the supplied Single Link DVI cable from the back of the computer into the input of the 1:2 DVI SL Splitter.
- 2- Connect the cable from your first display (monitor or projector) into the DVI Out 1 slot on the 1:2 DVI SL Splitter. (this will be what the computer will recognize)
- 3- Connect the cable from your second display (monitor or projector) into the DVI Out 2 slot on the 1:2 DVI SL Splitter.
- 4- Plug the 5v power supply into the 1:2 DVI SL Splitter.
- 5- Plug the 5v wall mount power supply into the wall outlet.
- 6- Restart your computer only after you've made all the connections. Please see the paragraph explaining the function of the Equalization knob under the diagram of the product below.
- 7- Adjust the EQ to resolve any imperfections in the image.

***Note:** Only output #1 of the 1:2 DVI SL Splitter is HDCP pass-through.

EQUALIZATION CONTROL

External equalization control for the 1:2 DVI SL Splitter



The external equalization knob can be used to equalize the incoming signal resulting from long cables for better picture quality. By turning the equalization knob clockwise or counter-clockwise you will eliminate any noise and/or degradation in the signal. You should be able to find a "sweet spot" somewhere in the middle.

SPECIFICATIONS

Video Amplifier Bandwidth	165 MHz
Single Link Range	1080p /1920 x 1200 @ 60Hz
DVI Input/Output Connector	DVI-I (29 pin) female (Digital Only)
Power Consumption	15 Watts (max)
Power Supply	5V DC
Dimensions	4"W x 1"H x 3.2" D
Shipping Weight	2 lbs

HDCP pass-through **supported on output #1**

Supports the DDWG standard for DVI compliant monitors

