

Gefen[®]

DVI Splitter

EXT-DVI-144/145/147
USER'S MANUAL



www.gefen.com

ASKING FOR ASSISTANCE

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Notice

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INTRODUCTION

Congratulations on your purchase of the ex•tend•it DVI Splitter. Your complete satisfaction is very important to us.

Gefen

Gefen's line of KVM (Keyboard Video & Mouse), DVI, ADC, USB, switches, extenders, converters and splitters 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 ex•tend•it line offers solutions for noise, space and security concerns, data center control, information distribution, conference room presentation, and school and corporate training environments.

The ex•tend•it DVI Splitter allows computers with DVI graphics cards to be connected to 2 or more DVI compatible monitors or projectors. This product is expandable allowing multiple DVI Splitters to stack on top of each other so you can get additional DVI outputs from the same DVI source. (Uses DVIBus™ to expand and cannot be stacked by the user) When multiple units are stacked, you can switch with a RMT-16 remote.

The DVI Splitter keeps your desk clutter-free, allowing the relocation of your computer to a safe and secure area, while allowing you to work in a quieter environment. The DVI Splitter lets you keep one DVI monitor next to your computer, while adding a second extended DVI display.

Our Commitment

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



EXT-DVI-144

Features

- Connects computers with DVI graphics cards to **two** DVI compatible monitors
- Can be configured as a DVI Switcher with multiple outputs
- Allows up to two DVI displays or projectors to be connected to one DVI source
- Maintains highest DVI single link video resolution 1920 x 1200
- Supports DDWG standard for DVI compliant monitors
- Simultaneous display at local and remote locations
- Capable of long-distance switching via cabled remote control (optional)
- Installs in seconds

Includes:

- (1) 6' DVI cable (m-m)
- (1) 5VDC Power Supply
- (1) DVI Splitter
- (1) User Manual

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Port for contact closure cabled remote (optional)

DVI In

5v Power Input

Front



DVI Out 1

DVI Out 2

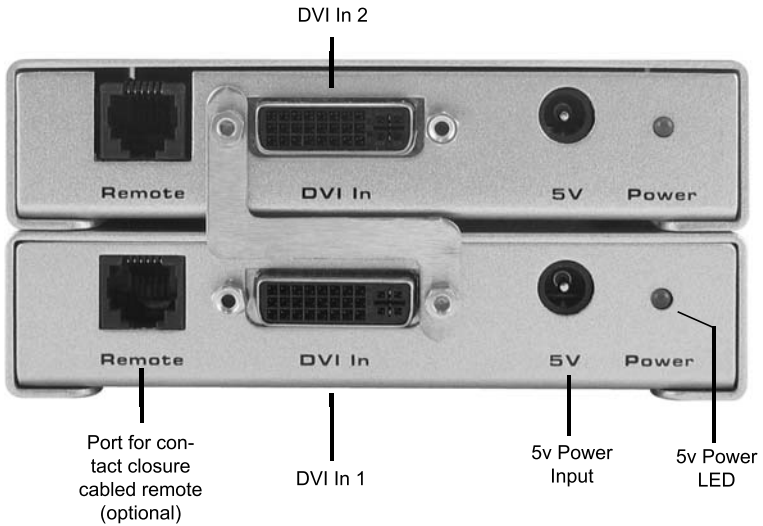


EXT-DVI-145

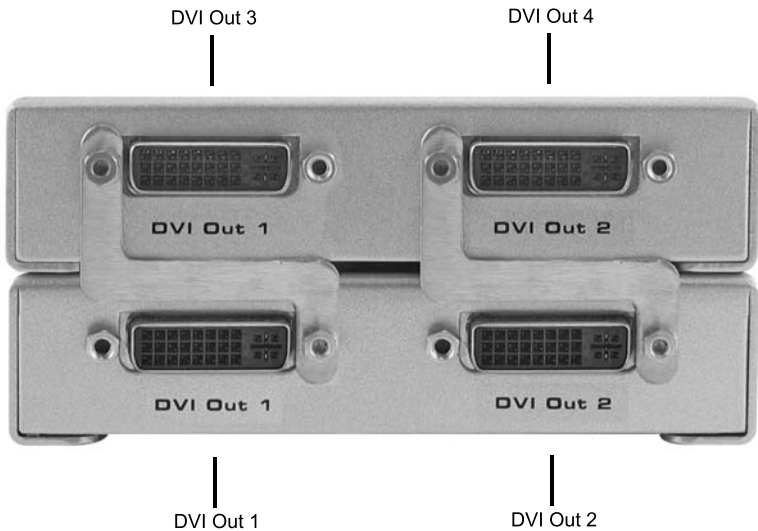
Features

- Connects computers with DVI graphics cards to **four** DVI compatible monitors
- Can be configured as a DVI Switcher with two inputs
- Allows up to four DVI displays or projectors to be connected to one DVI source
- Maintains highest DVI single link video resolution 1920 x 1200
- Supports DDWG standard for DVI compliant monitors
- Simultaneous display at local and remote locations
- Capable of long-distance switching via cabled remote control (optional)
- Installs in seconds

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Front



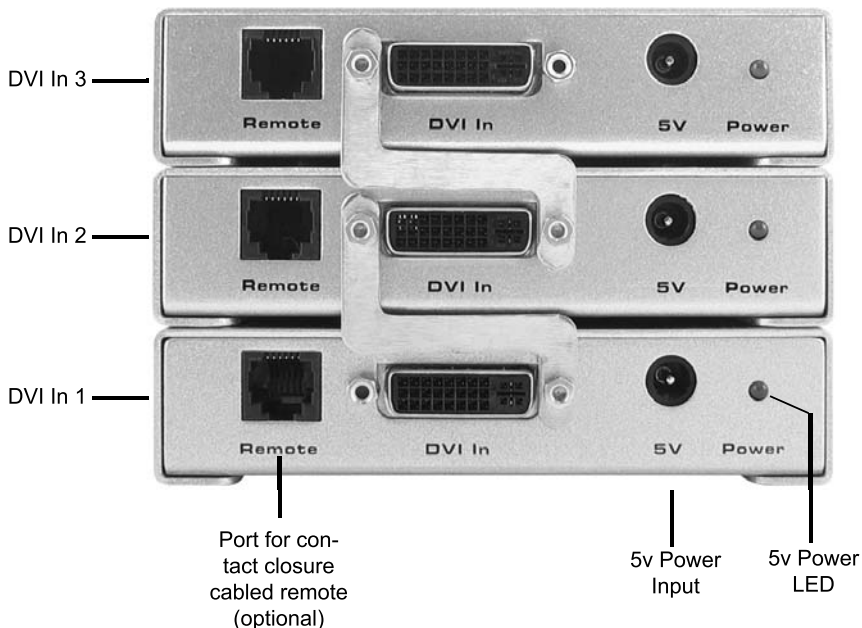


EXT-DVI-147

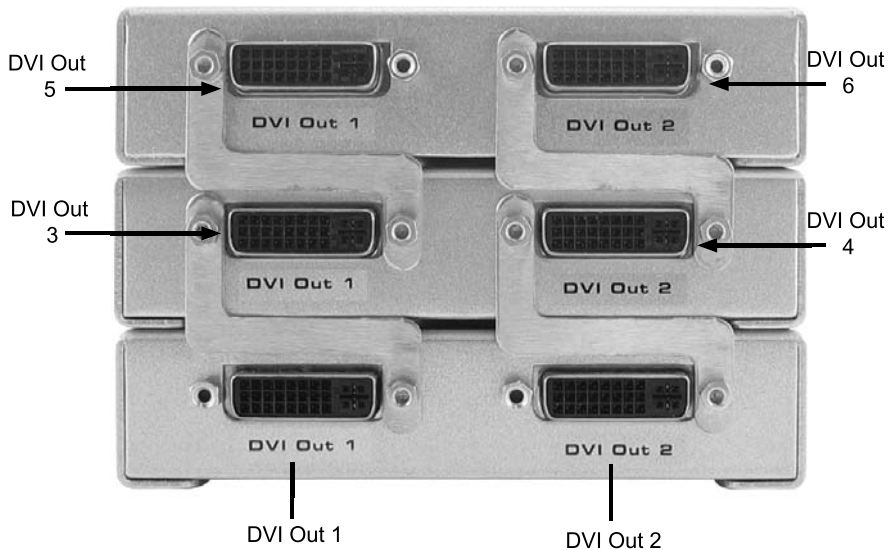
Features

- Connects computers with DVI graphics cards to **six** DVI compatible monitors
- Can be configured as a DVI Switcher with three inputs
- Allows up to six DVI displays or projectors to be connected to one DVI source
- Maintains highest DVI single link video resolution at 1920 x 1200
- Supports DDWG standard for DVI compliant monitors
- Simultaneous display at local and remote locations
- Capable of long-distance switching via cabled remote control (optional)
- Installs in seconds

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Front



CONNECTING AND OPERATING THE DVI SPLITTER

How to Connect the DVI Splitter to your devices

* EDID information is saved in the DVI Splitter from DVI Out 1. In order for the EDID to be saved properly, DVI Out 1 must be connected first before power is.

- 1- Connect your main display (monitor or projector) into the 1st DVI Output.
- 2- Connect the 5v power supply to the same unit and make sure all power lights turn red.
- 3- Connect the rest of your displays (monitors or projectors) into the remaining DVI Out slots on the back of the DVI Splitter with your DVI cables.
- 4- Connect your DVI source into DVI Input 1.
- 5- Turn on your computer only after you've made all the connections.

* Instructions above refer to the base unit on the 1x4 and 1x6 DVI Splitter models.

* Note on the 1x6 the input 1 and output 1 are the middle unit.

SPECIFICATIONS

Video Amplifier Bandwidth	165 MHz
Input Video Signal	1.2 volts p-p
Input DDC Signal	5 volts p-p (TTL)
Maximum Supported Resolution.....	1920 x 1200, 1080p
DVI Input/Output Connector Type	DVI-D
Power Consumption	15 Watts (max.)
Power Supply	5VDC

1x2 DVI Splitter (EXT-DVI-144):

Dimensions	5"W x 1"H x 4.5"D
Shipping Weight	3 Lbs

1x4 DVI Splitter (EXT-DVI-145):

Dimensions	5"W x2"H x 4.5"D
Shipping Weight	4 Lbs

1x6 DVI Splitter (EXT-DVI-147):

Dimensions	5"W x 3"H x 4.5"D
Shipping Weight	5 Lbs

WARRANTY

Gefen warrants the equipment it manufactures to be free from defects in material and workmanship.

If equipment fails because of such defects and Gefen is notified within two (2) years from the date of shipment, Gefen 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 cables must be in their original condition.

The information in this manual has been carefully checked and is believed to be accurate. However, Gefen assumes no responsibility for any inaccuracies that may be contained in this manual. In no event will Gefen 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 the features and specifications is subject to change without notice.

For the latest warranty coverage information, please visit Gefen's Warranty web page at <http://www.gefen.com/kvm/aboutus/warranty.jsp>

PRODUCT REGISTRATION

Please register your product online by visiting Gefen's web site at <http://www.gefen.com/kvm/Registry/Registration.jsp>

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