



DVI Splitter

USER MANUAL

ASKING FOR ASSISTANCE

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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.

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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'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-1 6 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.

1x2 DVI SPLITTER FEATURES



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
- DVI cables are used to connect the DVI input and the computers output
- Installs in seconds

Includes:

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

1x2 DVI SPLITTER PANEL DESCRIPTIONS



Remote

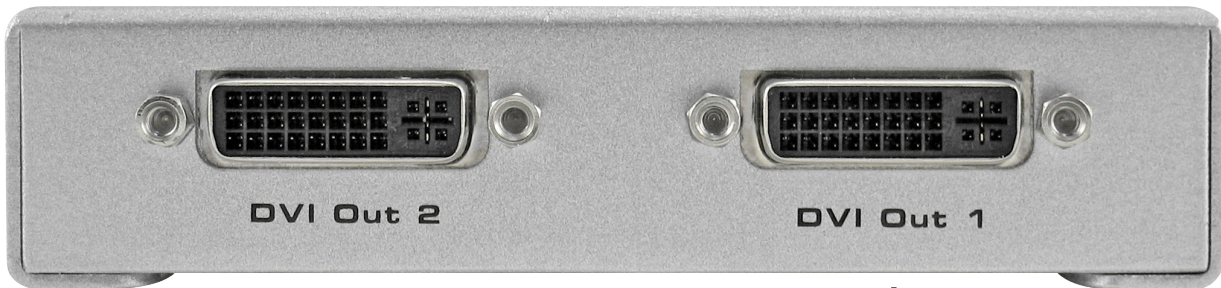
DVI In

5V

Power

DVI In

5v Power
Input



DVI Out 2

DVI Out 1

DVI Out 2

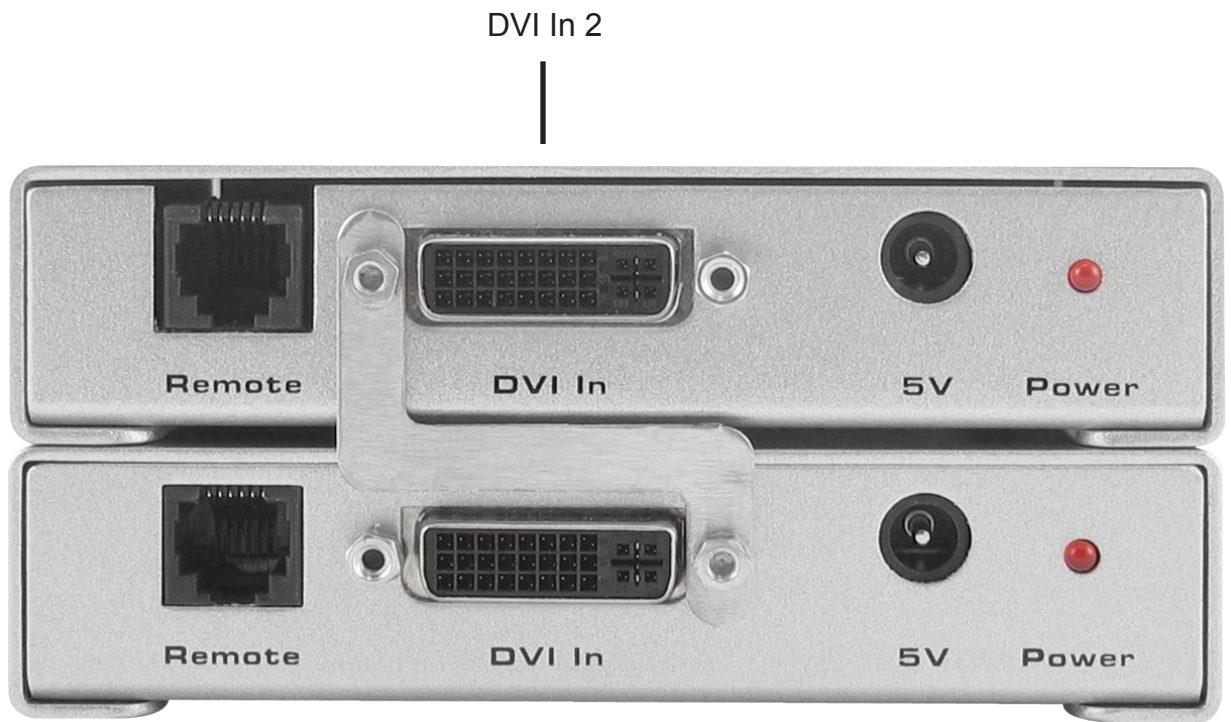
DVI Out 1



Features

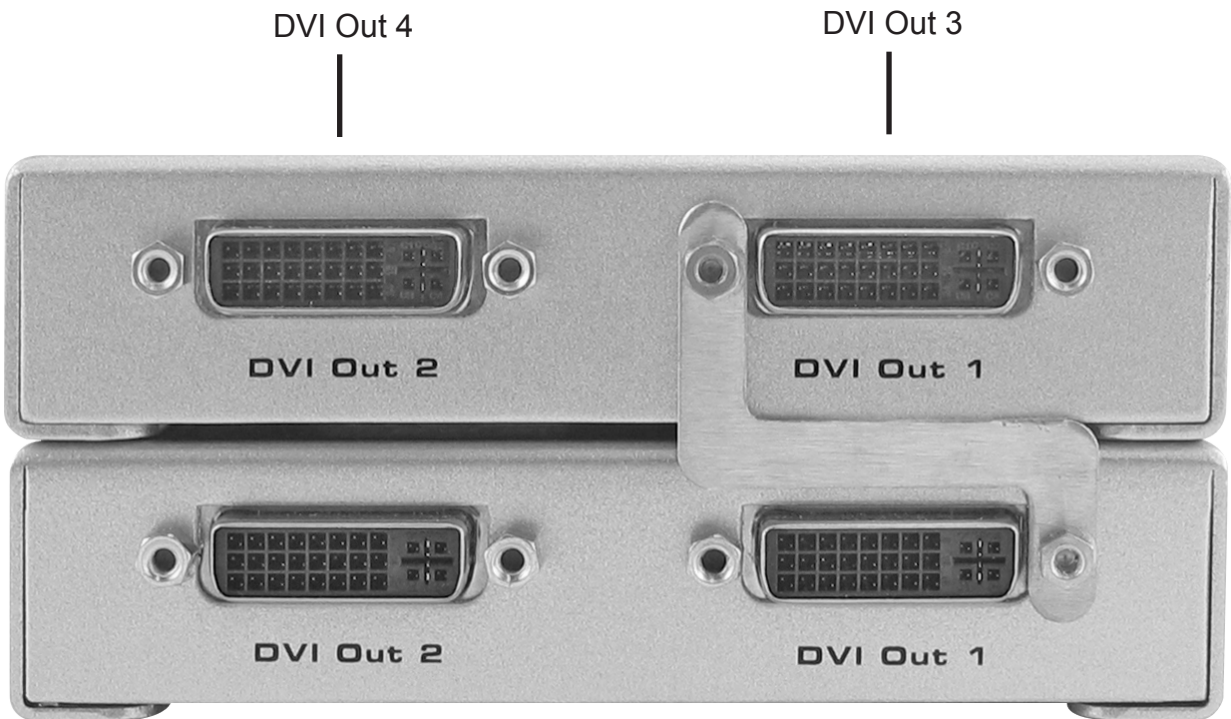
- Connects computers with DVI graphics cards to four DVI compatible monitors
- Can be configured as a DVI Switcher with two inputs
- Allows up to four DVI displays or projectors to be connected to one DVI source
- RMT-16 remote control allows switching
- Maintains highest DVI single link video resolution 1920 x 1200
- Supports DDWG standard for DVI compliant monitors
- Simultaneous display at local and remote locations
- DVI cables are used to connect the DVI inputs and the computers output
- Installs in seconds

1X4 DVI SPLITTER PANEL DESCRIPTIONS



DVI In 1

5v Power Input



DVI Out 2

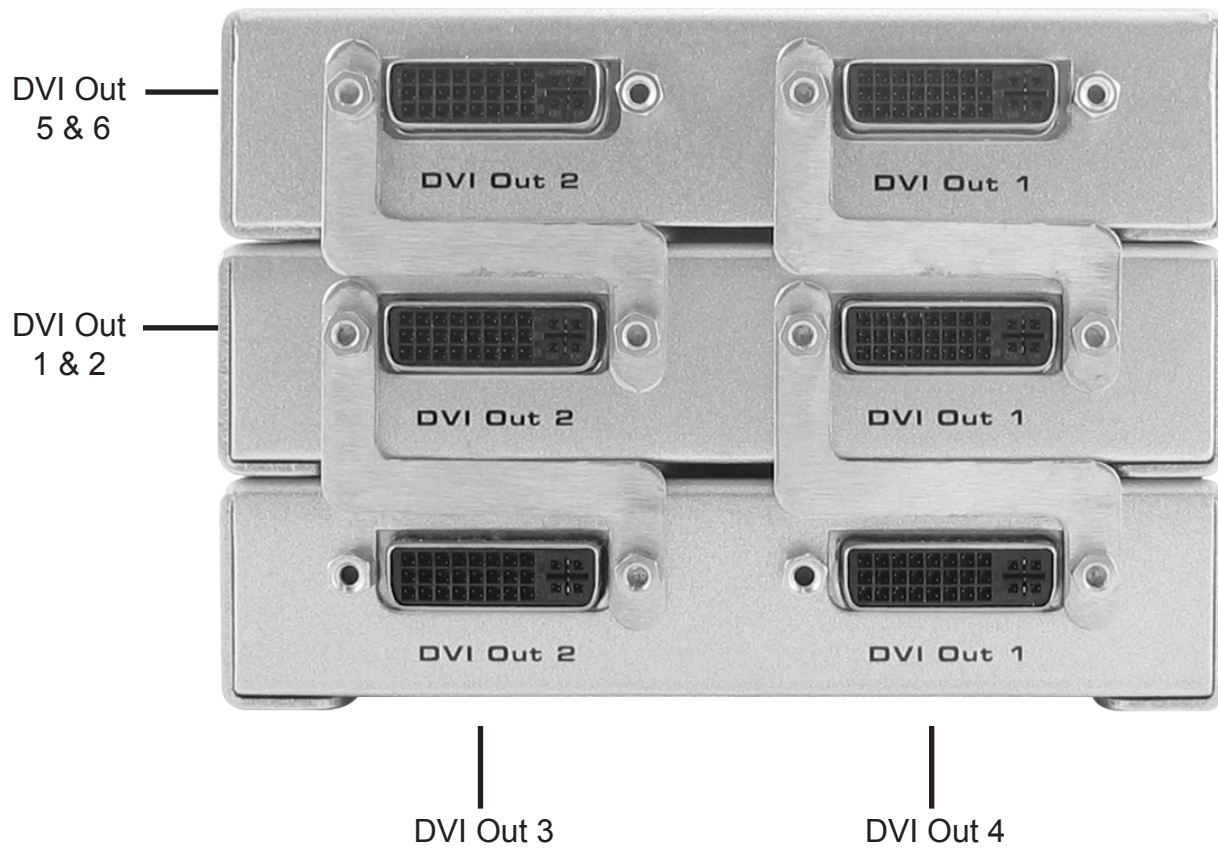
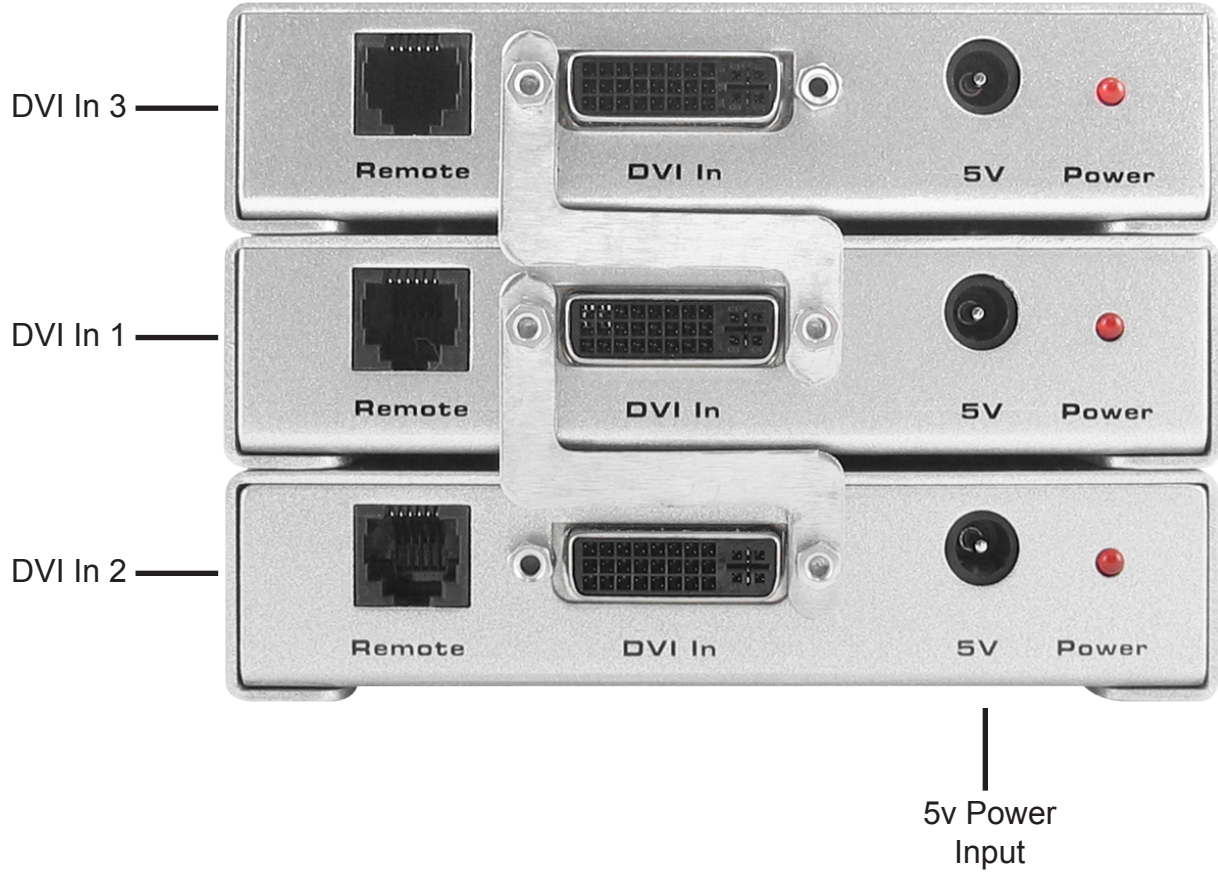
DVI Out 1



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
- RMT-16 remote control allows switching
- Maintains highest DVI single link video resolution 1920 x 1200
- Supports DDWG standard for DVI compliant monitors
- Simultaneous display at local and remote locations
- DVI cables are used to connect the DVI inputs and the computers output
- Installs in seconds

1X6 SPLITTER PANEL DESCRIPTIONS



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	1.65 GHz
Input Video Signal	1.2 volts p-p
Input DDC Signal	5 volts p-p (TTL)
Maximum Single Link Range	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 x 2"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 Inc. warrants the equipment it manufactures to be free from defects in material and workmanship.

If equipment fails because of such defects and Gefen Inc. is notified within one (1) year from the date of shipment, Gefen Inc. 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 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.

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

