



**DVI Dual Link
Booster
USER MANUAL**

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Notice

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INTRODUCTION

Congratulations on your purchase of the ex•tend•it DVI Dual Link Booster. 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 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.

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.

Introduction

The ex•tend•it DVI Dual Link Booster extends the length of any DVI Dual Link cable by regenerating the DVI signal before it outputs to the DVI monitor or projector. The DVI Dual Link Booster will clean out the digital noise (sparkles) in your picture. The ex•tend•it DVI Dual Link Booster is connected with a DVI Dual Link (male to male) cable from the computer DVI graphic port to the DVI Dual Link Booster input. The DVI Dual Link Booster output uses a second DVI Dual Link (male to male) cable to go from the output to any DVI display or projector with a DVI connector. The box is placed near the display to remove any noise that has been generated by a long DVI Dual Link cable.

FEATURES

Features

- Perfects digital video sent over long stretches of dual link DVI cables
- Extends DVI displays away from eh HDTV source
- Maintains multiple high definition resolutions up to 1080p/3840x2400 for computers
- Supports Apple's DVI 30" Cinema Display
- Supports DDWG standard for DVI compliant monitors
- HDCP Compliant
- Installs in minutes

Includes:

5VDC Power Supply
DVI Dual Link Booster
User's Manual

PANEL DESCRIPTIONS



Connecting and Operating the DVI Detective

How to Connect the DVI Dual Link Booster

- 1- Connect the long DVI cable from the source into the "DVI In" on the front of the DVI DL Booster. The DVI DL Booster is placed next to your display to regenerate the DVI signal.
- 2- Connect a short Dual Link DVI cable from the "DVI Out" connection in the back of the DVI DL Booster to your display or projector.
- 3- Plug the 5v power supply into the DVI DL Booster.
- 4- Plug the 5v wall mount power supply into the wall outlet.
- 5- Adjust the equalization as needed for long cable runs

SPECIFICATIONS

Video Amplifier Bandwidth	2 x 1.65 GHz
Input Video Signal	1.2 volts p-p
Input DDC Signal	5 volts p-p (TTL)
Maximum Dual Link Range	3840 x 2400 x 60hz
DVI Input/Output Connector Type	DVI-D (29 pin)
Power Consumption	5 Watts (max)
Power Supply.....	5VDC
Dimensions	2"W x 1"H x 2.5"D
Shipping Weight	2 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 two (2) years 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 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.

Notice: 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, and 3. Copper cables are limited to a 30 day warranty and cable must be free from any scratches, markings, and neatly coiled.

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 features and specifications is subject to change without notice.