



Gefen

DVI Super Booster

USER MANUAL



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Notice

Gefen Inc. reserves the right to make changes in the hardware, packing and any accompanying documentation without prior written notice.

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INTRODUCTION:

Congratulations on your purchase of the DVI Super Booster Plus. Your complete satisfaction is very important to us.

The DVI Super Booster Plus extends the length of any DVI cable by regenerating the DVI signal before it is output to the DVI monitor or projector. The DVI Super Booster Plus will clean out the digital noise (sparkles) in your picture. The DVI Super Booster Plus is connected with a DVI (male to male) cable from the computer DVI graphic port to the DVI Super Booster input. The DVI Super Booster's output uses a second DVI (male to male) cable to go from the output to any DVI display or projector with a DVI connector. The DVI Super Booster Plus regenerates the video signal so it must be placed at the end of the cable run, close to the display.

FEATURES:

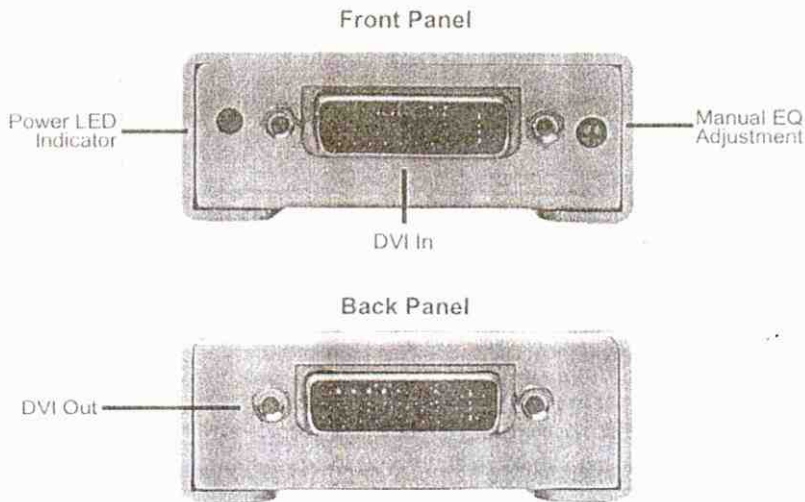
Features

- Perfects digital video sent over long stretches of DVI cables
- Extends DVI displays away from the HDTV source
- Maintains highest Single Link resolutions up to 1080p/1920x1200
- Supports DDWG standard for DVI compliant monitors
- HDCP Compliant

Includes:

- (1) DVI Supper Booster
- (1) 5VDC Power Supply
- (1) User's Manual

PANEL LAYOUT:

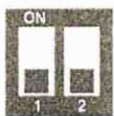


CONNECTING AND OPERATING THE DVI SUPER BOOSTER PLUS:

1. Connect the long DVI cable from the source into the "DVI In" on the front of the DVI Super Booster. The DVI Super Booster is placed next to your display to regenerate the DVI cable.
2. Connect a short DVI cable from the "DVI Out" connection in the back of the DVI Super Booster to your display or projector
3. Plug the 5v power supply into the DVI Super Booster.
4. Plug the 5v wall mount power supply into the wall outlet.

Note: The DVI Super Booster Plus is set to automatically equalize (EQ) the signal by default. If there is digital noise present or if you are not getting any video, you may have to manually EQ the signal. Please follow the procedure as following to disable the automatic EQ and learn how to tune your signal manually.

MANUAL EQUALIZATION:

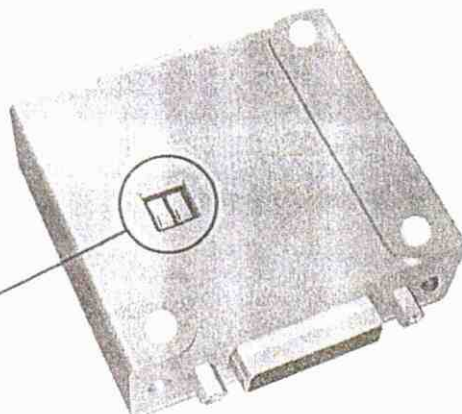


Auto EQ ON
(Default)



Auto EQ OFF

Remove the silver tape to expose the Dip Switch Bank



By default, both Dip Switches should be in the off position as shown above. To disable the Auto EQ, please flip Dip Switch 1 to the ON position. You must then proceed to manually adjust the EQ by turning the EQ trim pot on the front of the unit in small increments. It is important to turn the dial in very small increments as the "sweet spot" at which all video noise is eliminated can be very small.

SPECIFICATIONS:

Video Amplifier Bandwidth.....	165 MHz
Input Video Signal	1.2 volts p-p
Input DDC Signal	5 volts p-p (TTL)
Maximum Single Link Range	1920 x 1200 x 60hz
DVI Input/Output Connector Type	DVI-D
Power Consumption	5 Watts
(max)	
Power Supply	5VDC
Dimensions	1.75"W x 1"H x 2.25"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) 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. The two year warranty is only valid on new products purchased as of January 2007. All products purchase before this date still retain their 1 year warranty.

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 purposes, 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 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 the DVI Super Booster Plus features and specifications is subject to change without notice.

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