

Gefen

DVI Detective

USER MANUAL



www.gefen.com

ASKING FOR ASSISTANCE

Technical Support:

Telephone (818) 772-9100
(800) 545-6900

Fax (818) 772-9120

Technical Support Hours:

8:00 AM to 5:00 PM Monday thru Friday.

Write To:

Gefen Inc.
C/O Customer Service
20600 Nordhoff St.
Chatsworth, CA 91311

support@gefen.com
www.gefen.com

Notice

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

The DVI Detective is a trademark of Gefen Inc.

© 2008 Gefen Inc., All Rights Reserved

TABLE OF CONTENTS

- 1 Introduction
- 2 Features
- 3 Panel Layout
- 4 Connecting and Operating the DVI Detective
- 5 Write Protecting the DVI Detective
- 6 Specifications
- 7 Warranty

INTRODUCTION

The DVI Detective is a unique and useful little device that reads and stores a computer's digital video information (EDID) in order to simplify the installation process for users who are extending a digital projector or plasma display away from the computer.

Once installed and connected, the DVI Detective continually transmits the EDID to the computer, essentially "tricking" the computer into thinking that the video is present, even when it is not connected. The user can then disconnect the display, place it in a remote location and reconnect it, without rebooting the operating system. The entire installation process benefits from the DVI Detective, which utilizes a much smaller cable that requires fewer connections; it makes life easier for those extending digital displays or projectors. An inconspicuous device that weighs less than one pound. The Detective can connect to a DVI port or ADC port with the use of an adapter. It works with all digital displays (DVI) as well as Apple's line of flat panel displays (ADC). Even analog display EDID's can be used with the DVI Detective by using VGA to DVI adapters on the input and output ports of the DVI Detective.

FEATURES

Features

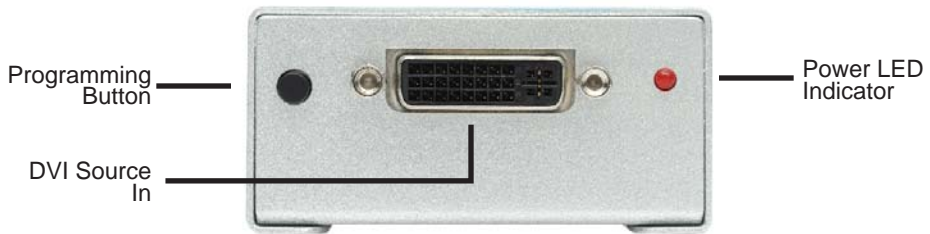
- No power required after initial programming
- Keeps computer systems from deactivating inactive DVI ports
- Maintains highest Single Link and Dual Link resolutions
- Works with all digital and analog displays
- Installs in seconds

Includes:

- (1) DVI Detective
- (1) 1' DVI cable (m-m)
- (1) 5VDC Power Supply
- (1) User's Manual

PANEL LAYOUT

Front Panel



Back Panel

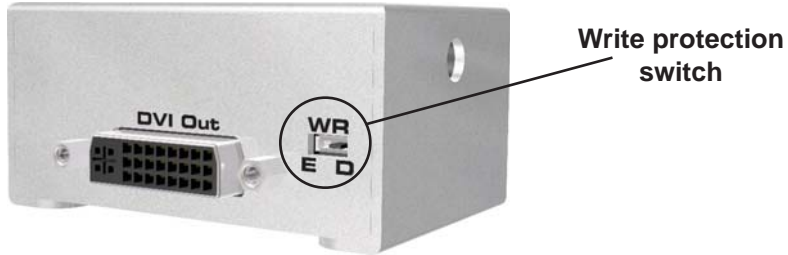


CONNECTING AND OPERATING THE DVI DETECTIVE

1. Before proceeding, please ensure that the write protect switch is in the E (write enabled) position. Please see the diagram on the next page.
2. Connect your display to the DVI Out port on the DVI Detective.
3. Plug the supplied 5V DC power supply into the DVI Detective. The power LED should be glowing solid.
4. Once you are ready to program the EDID, press the Program button on the front panel of the DVI Detective to initiate the recording sequence. The power LED will begin to flash, and when it turns solid again, the programming sequence is complete.
5. Remove the 5V DC power supply from the DVI Detective. At this time, it is recommended that you write protect the DVI Detective. Please see the next page for instructions on this procedure.
6. Connect your source to the DVI In port on the DVI Detective.

Note: If using a PC, restart your computer only after you've made all the connections.

WRITE PROTECTING THE DVI DETECTIVE



Once the DVI Detective is programmed and working, you can write protect the unit to prevent an accidental overwrite. This is done by simply moving the write protect switch to the D (write disabled) position. By default, the unit is shipped in the E (write enabled) position. This is done so that the unit is ready to be programmed right out of the box. Whenever the unit is going to be programmed, make sure that the switch is in the “E” position, otherwise the procedure will fail.

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-I
Power Consumption	5 Watts (max.)
Power Supply	5VDC
Dimensions	2"W x 1.7"H x 1.75"D
Shipping Weight	2 Lbs