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ex•tend•it products

repeaters

Repeaters
ADC Repeater
DVI Repeater
Firewire Repeater

extenders

ADC•100
DVI•100
USB•100
USB•200
USB•400
USB•500
CAT5•1000
CAT5•2000
CAT5•3000
CAT5•4000 Matrix
CAT5•5000
CAT5•6000
CAT5•7000
CAT5•8000

hubs

Firewire Hub
DVI Hub
USB Hub
ADC Splitter
VGA Splitter
VDX•600

switchers

DVI Switch
ADC Switcher
CAT5•4000 Matrix
2x1 DVI Switcher
4x1 DVI Switcher
2x2 DVI Switcher
4x1 VGA Switcher
USB Switcher
mini PC/Mac
PC/Mac 2000

convertors

DVI to ADC Adaptor
VGA to ADC Adaptor
DVI to VGA Adaptor
VGA to DVI Adaptor

Adapters

ADC to DVI Adapter
ADC to VGA Adapter
DVI to VGA Adapter
DVI Mate
DVI Detective

Cables

Fiber Optic Cables
USB Cables
CAT-5 Cables
DVI Cables
Firewire Cables
PS/2 Cables
VGA Cables

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User Manual

ADC Repeater ex•tend•it Extender



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Congratulations

on your purchase of the ex•tend•it ADC Repeater.
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.

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Introduction

The ex•tend•it ADC Repeater extends the length of any DVI cable. It extends the distance between computers equipped with ADC or DVI graphic cards and ADC monitors.

The ADC Repeater enables you to relocate your computer to a safe, quiet and clutter-free environment.

How it works:

Place your digital flat panel display as far as you need it to go. One side of the ex•tend•it ADC Repeater is connected to a long DVI (male to male) cable which is connected to the computer ADC graphic port via the ADC to DVI adapter. The ADC Repeater output is connected directly to the flat panel display. A universal 24 volt power supply and USB are also connected to the ADC Repeater.

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Features

- Extends computers with ADC (or DVI) graphics card to ADC compatible monitors
- Supports DDWG standard for DVI compliant monitors
- Extends any Apple Flat Panel Display up to 330 feet from the computer.
- Installs in seconds
- Maintains highest DVI single link video resolution
- DVI cable is used to connect the computer to the DVI input and the flat panel display connects to the ADC port on the ADC Repeater output
- Supports Apple Flat Panel Displays

Notice

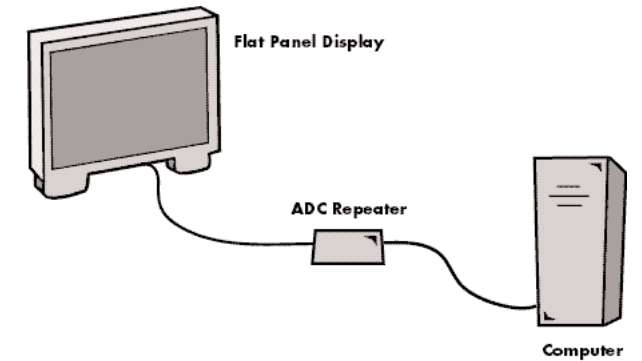
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Wiring Diagram



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How to Connect the ADC Repeater to your Computer and Displays

- 1- Connect the DVI cable from the back of the computer into the the "DVI In" on the front of the ADC Repeater. If you have a Macintosh with ADC, you must connect an ADC to DVI Connector first.
- 2- Connect your ADC monitor to the "ADC out" connection in the front of the ADC Repeater.
- 3- Plug the 24v power supply into the ADC Repeater.
- 4- Restart your computer only after you've made all the connections.

*If you want to use the USB ports on the back of the ADC monitor, you need to use an ex•tend•it USB•100 or an ex•tend•it USB•400.

*Attention 23" HD Cinema Display Users:

For optimal performance of this device and the 23" HD Cinema Display you must move jumper **E** to Jumper **I** located at **JP8** on the mainboard.

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Technical Specifications

Specifications:

DVI Amplifier Bandwidth: 1.65 GHz	ADC Connector: 35 pin female
Actual Bandwidth: 1.6 GHz	Power Consumption: 60 Watts (max.)
Input Video Signal: 1.2 volts p-p	Power Supply: External 24 VDC
Input DDC Signal: 5 volts p-p (TTL)	Dimensions: 2.75"W x 1"H x 4.5"D
DVI Connector: 29 pin female	Shipping Weight: 5 lbs.

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Asking for Assistance

Technical Support:

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web: www.gefen.com

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Technical Support Hours:

8:00 am – 5:00 pm PST
Monday – Friday

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