

## 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 time of the repair. Such repairs are warranted for ninety (90) days from the day of re-shipment 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.

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## ex•tend•it products

<b>extenders</b>	<b>hubs</b>	<b>mini P/C Mac\ ADC to VGA USB Switcher</b>
<b>DVI Repeater</b>	<b>DVI Splitter</b>	
<b>ADC Repeater</b>	<b>DVI Hub</b>	
<b>DVI•100</b>	<b>ADC Splitter</b>	<b>convertors</b>
<b>CAT5•6000</b>	<b>USB•200</b>	<b>DVI•mate</b>
<b>CAT5•5000</b>	<b>USB•400</b>	<b>ADC to DVI Adapter</b>
<b>CAT5•4000</b>		<b>DVI to ADC</b>
<b>CAT5•3000</b>	<b>switchers</b>	<b>Conversion Box</b>
<b>CAT5•2000</b>	<b>4x1DVI Switcher</b>	<b>VGA to DVI</b>
<b>CAT5•1000</b>	<b>DVI Switcher</b>	<b>Conversion Box</b>
<b>USB•100</b>	<b>USB•241</b>	<b>VGA to ADC</b>
<b>USB•400</b>	<b>PC/Mac 2000</b>	<b>Conversion Box</b>
<b>USB•500</b>	<b>KS-4 PC Switcher</b>	<b>DVI to VGA</b>
		<b>Conversion Box</b>
		<b>VGA to DVI Adaptor</b>

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## User Manual

# the 4x1 VGA Switcher

## ex•tend•it

### VGA, USB and Audio Switcher



GEFEN Inc.

6265 Variel Avenue Woodland Hills, CA 91367  
 voice: 818 884-6294 fax: 818 884-3108  
 email: [gsinfo@gefen.com](mailto:gsinfo@gefen.com) website: <http://www.gefen.com>

## Congratulations

**on your purchase of the ex•tend•it 4x1 VGA Switcher.  
 Your complete satisfaction is very important to us.**

Gefen's line of KVM (Keyboard Video & Mouse), DVI, ADC, USB, switches, extenders, converters and hubs are 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 4x1 VGA Switcher switches VGA, USB and Audio  
 between any combination of four computers.**

Now you can switch easily and reliably between any combination of four computers using only one or two VGA displays, USB keyboard and mouse.

The 4x1 VGA Switcher saves space – there's no need to work on a desk crowded with four monitors, keyboards and mouse devices. It saves time – there's no need to move from one monitor to another to access different computers. And it saves money – there's no need to purchase additional monitors, mouse devices, keyboards etc.

The 4x1 VGA Switcher allows you to choose between any combination of Macintosh or PC computers.

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## Features

- Saves money on hardware costs
- Saves space on your desktop
- Saves time - increases productivity
- Maintains highest resolution video
- Use either PC or Mac with USB keyboard/mouse
- Switches easily between any four computers
- Remote control using the RMT- 4
- Rackmountable

### 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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## How to connect the 4x1 VGA Switcher to your computers

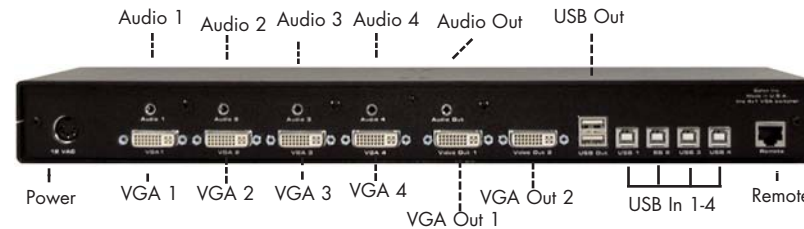
- 1- Connect your computers VGA to the 4x1 VGA Switcher inputs using the supplied cables.
- 2- Connect your computers USB and audio to the 4x1 VGA Switcher inputs using the supplied cables.
- 3- Connect your VGA monitor to VGA Out 1 (VGA Out 2 is a mirror of VGA Out 1).
- 4- Connect your USB and audio devices to the USB and audio outputs.
- 5- Connect the RMT-4 remote control (if applicable).
- 5- Plug the 12v power supply into the 4x1 VGA Switcher.
- 5- Plug the 12v wallmount power supply into the wall outlet.
- 6- Turn on your computers one at a time, making sure that the 4x1 VGA Switcher is selected to the computer that is booting up. After one computer completes the startup process, you can boot up the second computer and so on.

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front view



back view



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## Technical Specifications

### Includes:

- 4 x 6' VGA to DVI cable (m-m)
- 12v external power supply
- The 4x1 VGA Switcher
- 4 x 6' Audio cable (mini stereo)
- 4 x 6' USB cable (A-B)
- 1x DVI to VGA Adaptor

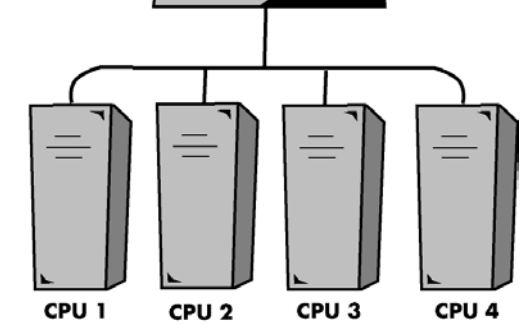
### Specifications:

- Video Amplifier Bandwidth: 350 MHz
- Input Video Signal: 1.2 volts p-p
- Input Sync Signal: 5 volts p-p (TTL)
- Single Link Range: 1920x1200
- Vertical Frequency Range: 60-80 Hz
- USB Input Connectors: Type "B"
- 2xUSB Output Connectors: Type "A"
- Power Consumption: 18 Watts (max.)
- Power Supply: 12 volts AC
- Dimensions: 16" W x 1.75" H x 4" D
- Rackmountable: 1 Rack Space
- Shipping Weight: 12 lbs.

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4x1 VGA Switcher



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## Asking for Assistance

### Technical Support:

phone: 818-884-6294  
 fax: 818-884-3108  
 email: gsinfo@gefen.com  
 web: www.gefen.com

### Write to:

Gefen, Inc.  
 c/o Customer Service  
 6265 Variel Avenue  
 Woodland Hills  
 CA 91367-9897  
 USA

### Technical Support Hours:

9:00 am – 5:00 pm PST  
 Monday – Friday

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