

Switch 4 VGA sources to 1 VGA display

Optional Accessories



RMT-4

4x1 VGA Switcher

Switches VGA, USB 1.1 & audio between any four computers

Or 4x1 VGA Switcher allows you to connect and access up to four cross-platform computers from the same workstation easily and reliably. No need for networking--everything is connected and routed through the small metallic switcher. It switches analog video (VGA), USB keyboard/mouse controls and audio capability for each computer.

How It Works

Simply plug your peripherals directly into the back of the Switcher, connect the cables to the computers you want to control, push to select the computer you want to work on, and you're switching. The VGA Switcher allows you to choose between a Macintosh or PC keyboard/video/mouse combination. Switching between computers is done from a key switch or remotely using contact closure remote control.

Features:

- Switches easily between any four VGA computers with USB 1.1 and audio
- Output is mirrored to two VGA displays
- Maintains highest 1920x1200 resolution video
- Use either PC or Mac USB 1.1 keyboard/mouse
- Front panel switching
- Parallel remote port (RMT-4 not included)
- Supports resolutions up to 1080p, 2K, and 1920 x 1200
- Includes rack ears

Specifications:

- Video Amplifier Bandwidth: 350 MHz
- Input Video Signal: 1.2 volts p-p
- Input Sync Signal: 5 volts p-p (TTL)
- Horizontal Frequency Range: 15 - 70 KHz
- Vertical Frequency Range: 30 - 170 Hz
- Video Connector: DVI-I 29 pin female (analog only)
- USB Input Connection: type "B"
- USB Output Connection: type "A"
- Power Supply: 12V AC
- Power Consumption: 18 watts (max)
- Dimensions: 17"W x 1.75"H x 4.375"D
- Rackmountable: 1U Rack space
- Shipping Weight: 10 lbs.

Package Includes:

- 4x1 VGA switcher
- One 12V Power Supply
- One DVI-A to VGA adapter
- Four 6ft DVI-A to VGA cables
- Four 6ft USB cables
- Four Audio cables
- Rack Ears



EXT-VGA-4X1



4x1 VGA Switcher
USER MANUAL

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 through Friday PST

Write To:

Gefen Inc.
c/o Customer Service
20600 Nordhoff St
Chatsworth, CA 91311

www.gefen.com
support@gefen.com

Notice

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

The 4x1 VGA Switcher is a trademark of Gefen Inc.

TABLE OF CONTENTS

- 1 Introduction
- 2 Front Panel Descriptions
- 3 Back Panel Descriptions
- 4 How To Connect The 4x1 VGA Switcher
- 5 System Specifications
- 6 Warranty

INTRODUCTION

Thank you for purchasing Gefen' s extend•it 4x1 VGA Switcher series. 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 one or two VGA displays, USB keyboard and mouse. The 4x1 VGA Switcher is switched using the RMT-4IR. 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.

CONTENTS

The 4x1 VGA Switcher system consists of:

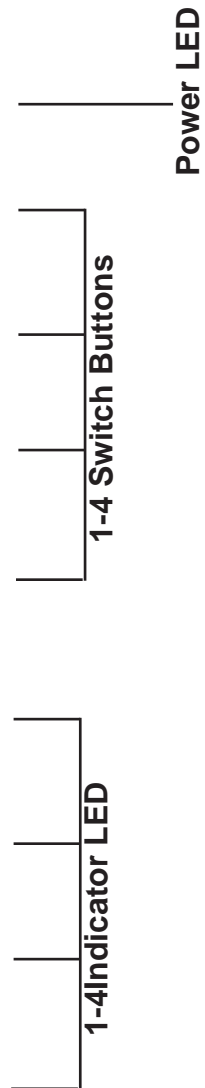
- (1) 4x1 VGA Switcher
- (1) 12VAC power supply
- (4) VGA to DVI cables (6FT)
- (4) USB cables (6FT)
- (4) Audio cables (6FT)
- (1) DVI to VGA Adapter
- (1) User Manual

OPERATION NOTES

READ THESE NOTES BEFORE INSTALLING OR OPERATING THE 4X1 VGA SWITCHER

- If two monitors are connected to the switcher, both monitors must have the same native resolution.
- The 4x1 VGA Switcher is housed in a metal box for better RF shielding.

FRONT PANEL DESCRIPTIONS



BACK PANEL DESCRIPTIONS

AUDIO IN 1 AUDIO IN 2 AUDIO IN 3 AUDIO IN 4 AUDIO OUT



POWER INPUT

VGA IN 1 VGA IN 2 VGA OUT VGA IN 3 VGA OUT VGA IN 4 VGA OUT VGA OUT

4 USB INPUTS

USB OUT

VGA OUT

VGA OUT

VGA IN 4

VGA OUT

VGA IN 2

VGA OUT

VGA IN 1

VGA OUT

REMOTE -
RJ-45 Connector
For RMT-4 Wired
Remote

HOW TO CONNECT THE 4x1 VGA SWITCHER

- 1** Connect your computers VGA, USB, and audio to the 4x1 VGA Switcher inputs using the supplied cables.
- 2** Connect one or two VGA monitor to the VGA Out. If only one monitor is connect you must use VGA Out 1.
- 3** Connect your USB and audio devices to the USB and audio outputs.
- 4** Connect the RMT-4 remote control (if applicable).
- 5** Plug the 12VAC power supply into the 4x1 VGA Switcher.
- 6** Your computers must be turned on one at a time and the switcher must be selected to the computer that is booting up. After one computer completes the startup process, you can boot up the second computer and repeat the process with the remaining computers.

SPECIFICATIONS

Video Amplifier Bandwidth	350 MHz
Single Link Range	1920 x 1200
Vertical Frequency Range	60-80 Hz
DVI Input/Output Connector Type	DVI-A
USB Input Connector	Type "B"
USB Output Connector	Type "A"
Power Consumption	18 Watts (max.)
Power Supply	12VAC
Dimensions	16"W x 1.75"H x 4"D
Rackmountable	1 Rack Space
Shipping Weight	12 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.

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.

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 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 the 4x1 VGA Switcher features and specifications is subject to change without notice.