



**4x1 DVIKVM  
Switcher**  
USER MANUAL

## ASKING FOR ASSISTANCE

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### Notice

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

**The 4x1 DVIKVM Switcher** is a trademark of Gefen Inc.  
**Macintosh** is a trademark of Apple Computer Inc.

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# INTRODUCTION

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Thank you for purchasing Gefen' s 4x1 DVIKVM Switcher series. The 4x1 DVIKVM Switcher switches DVI, USB and audio between any combination of four computers. Now you can switch easily and reliably between any combination of four computers using one DVI display and USB keyboard and mouse. The 4x1 DVIKVM Switcher is switched using the RMT-4IR.

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

## CONTENTS

The 4x1 DVIKVM Switcher system consists of:

- (1) 4x1 DVIKVM Switcher
- (1) RMT4-IR remote control
- (1) 5 VDC power supply
- (4) DVI cables (6FT)
- (4) USB cables (6FT)
- (4) Audio cables (6FT)
- (1) User Manual

## Note

- The 4x1 DVIKVM Switcher is housed in a metal box for better RF shielding.

# FRONT PANEL DESCRIPTIONS



# BACK PANEL DESCRIPTIONS

AUDIO INPUTS 1 - 4

AUDIO OUT



POWER INPUT

DVI IN 1

DVI IN 2

DVI IN 3

DVI IN 4

DVI OUT

USB OUT

USB INPUTS 1-4

Contact Closure  
RJ-45 Connector  
For RMT-4 Wired  
Remote

External IR  
Remote Extender  
Input For  
EXT-RMT-EXTIR

## HOW TO CONNECT THE 4x1 DVIKVM Switcher

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- 1 Connect your computers DVI, USB, and audio to the 4x1 DVIKVM Switcher inputs using the supplied cables.
- 2 Connect your DVI display to the DVI output of the 4x1 DVIKVM Switcher.
- 3 Connect your USB and audio devices to the USB and audio outputs.
- 4 Connect the RMT-4 remote control (if applicable).
- 5 Connect the External IR Extender to the RJ-45 port (if applicable).
- 6 Plug the 5VDC power supply into the 4x1 DVIKVM Switcher.

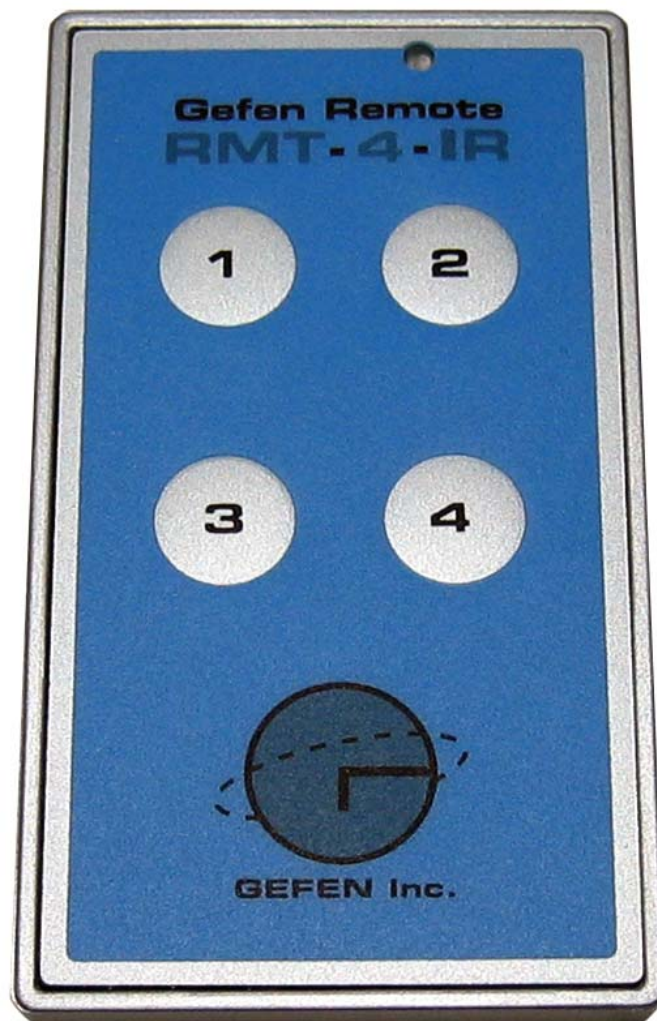
Your computers must be turned on one at a time and the switcher must be selected to the computer that is booting up. After one computer completes the startup process, you can boot up the second computer and repeat the process with the remaining computers.

## RMT-4IR

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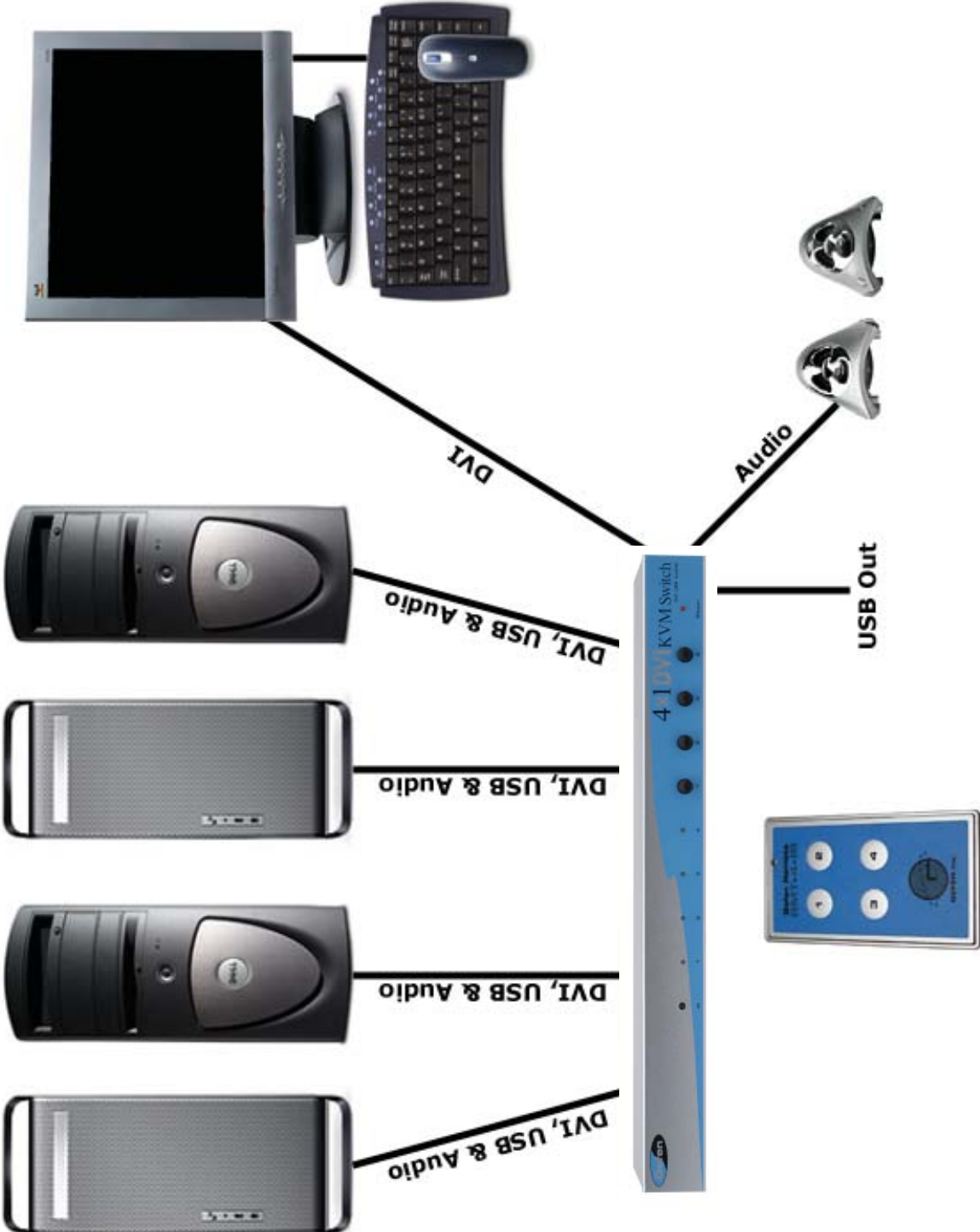
1. Remove battery cover from the back of the RMT4-IR remote.
2. Verify that dip switches 1 & 2 are in the down (OFF) position.
3. Insert the battery, hold the battery so that you can see the positive side facing up. The side that is not marked must be facing down.
4. Test the RMT4-IR remote by pressing ONLY one button at a time. The indicator light on the remote will flash once each time you press a button. **WARNING:** Do not press multiple buttons simultaneously and do NOT press buttons rapidly. These actions will cause the remote to reset and steps 1-4 will have to be repeated.

Note: The RMT4-IR ships with two batteries. One battery is required for operation, the second battery is complimentary.





4X1 DVI/ADC WIRING DIAGRAM



## SPECIFICATIONS

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Video Amplifier Bandwidth .....	1.65 GHz
Single Link Range .....	1920 x 1200
Vertical Frequency Range .....	60 Hz
DVI Input/Output Connector Type .....	DVI-I
USB Input Connector .....	Type "B"
USB Output Connector .....	Type "A"
Power Consumption .....	15 Watts (max.)
Power Supply .....	5VDC
Dimensions .....	17"W x 1.75"H x 4"D
Rackmountable .....	1 Rack Space
Shipping Weight .....	10 Lbs

## WARRANTY

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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 System 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 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.

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 DVIKVM Switcher features and specifications is subject to change without notice.

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