



4x1 DVI 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.

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TABLE OF CONTENTS

- 1** Introduction
- 2** Features
- 3** Panel Descriptions
- 4** Connecting and Operating the 4x1 DVI Switcher
- 5** RMT4-IR Installation
- 6** Specifications
- 7** Warranty

INTRODUCTION

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

Gefen's line of DVI switches, extenders, and splitters are designed to make your A/V equipment use more comfortable, more productive and less expensive.

The 4x1 DVI Switcher allow access to multiple DVI devices, using a single DVI display while the DVI extender product line can extend the DVI video up to 1640 feet (500 meters).

The ex•tend•it line offers solutions for noise, space and security concerns, data center control, information distribution, conference room presentation, 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 support from a team of outstanding engineers.

The ex•tend•it 4x1 DVI Switcher allows four DVI devices to be switched easily in to one DVI compatible monitor or projector. The 4x1 DVI Switcher can also be placed at the end of a long DVI cable to regenerate the DVI signal.

Features

- Saves money on hardware—no need to purchase multiple DVI displays
- Saves space—a single DVI display
- Saves time—no need to disconnect and reconnect DVI devices—everything is always connected and accessible
- Maintains high resolution video—beautiful, sharp DVI resolutions up to 1080P are easily achieved. For computer users, the 4x1 DVI Switcher conforms with DVI 1.0 specifications for resolutions up to 1920 x 1200.
- No loss of quality—the integrity of the signal is preserved throughout the transmissions using high caliber DVI cables that ensure the signal is maintained
- Operational flexibility—you can switch at the source, with the IR remote control or your own universal remote
- Compatible with all DVI-equipped. To determine if your device is DVI-equipped, simply look for the 24-pin connector on the back of the unit. For computer users, the 4x1 DVI Switcher is compatible with all DVI-equipped computers and supports Apple's line of flat panel displays when used with the DVI to ADC Conversion Box.
- Easy to install and simple to operate

Includes:

4x 6' DVI-D cables (m-m)
5VDC Power Supply
RMT4-IR
The 4x1 DVI Switcher

PANEL DESCRIPTIONS



IR Eye

LED Indicators



DVI in 1

5v Power

DVI in 2

Contact Closure



DVI in 3

DVI Out

DVI in 4

Connecting and Operating the 4x1 DVI Switcher

How to Connect the 4x1 DVI Switcher to your devices

- 1 Connect the supplied DVI cables from the DVI sources into the DVI Switcher Input.
- 2 Connect the cable from your display (monitor or projector) into the DVI Out of the 4x1 DVI Switcher.

How to Operate the 4x1 DVI Switcher

- 1 Use the RMT4-IR remote control port to remotely toggle between sources.
- 2 Alternatively, use the RMT4 wired remote control to toggle between sources.

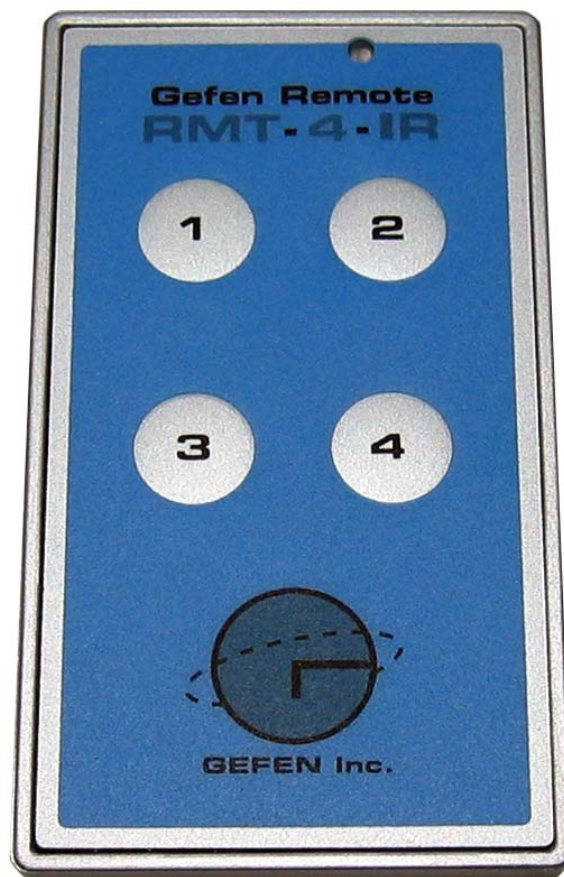
Operation Notes

The 4x1 DVI Switcher can also be powered from input 1, as long as the device is on and supplying 5v to the DVI connector.

RMT4-IR Installation

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.



SPECIFICATIONS

Video Amplifier Bandwidth	1.65 GHz
Input Video Signal	1.2 volts p-p
Input DDC Signal	5 volts p-p (TTL)
Single Link Range	1920 x 1200
DVI Input/Output Connector Type	DVI-D
Power Consumption	15 Watts (max.)
Power Supply	5VDC
Dimensions	6"W x 1"H x 4.7"D
Shipping Weight	6 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 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 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.

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