



DVI SL Switcher
USER MANUAL

ASKING FOR ASSISTANCE

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Notice

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INTRODUCTION

Congratulations on your purchase of the ex•tend•it SL 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 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.

Now you can switch easily and reliably between any combination of two DVI & USB 2.0 equipped computers (PC or Mac) - using only one keyboard, display and mouse. The DVI cross platform switcher saves space - there's no need to work on a desk crowded with double displays, 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 displays, mouse devices, keyboards etc.

FEATURES

Features

- Saves money on hardware costs
- Saves space on your desktop
- Save time and increase your productivity
- Maintains highest 1920 x 1200 x 60Hz resolution video
- No loss of quality
- Use either PC or Mac with USB keyboard/mouse
- Switches easily between any two DVI computers
- Switch between two DVI, USB 2.0 and Audio Sources
- Rackmountable

Includes:

- (1) SL Switcher
- (1) 5v Power Supply
- (1) RMT2-IR Remote
- (2) 6ft DVI cables
- (2) 6ft USB cables
- (2) Audio cables
- (1) User's Manual

PANEL DESCRIPTIONS



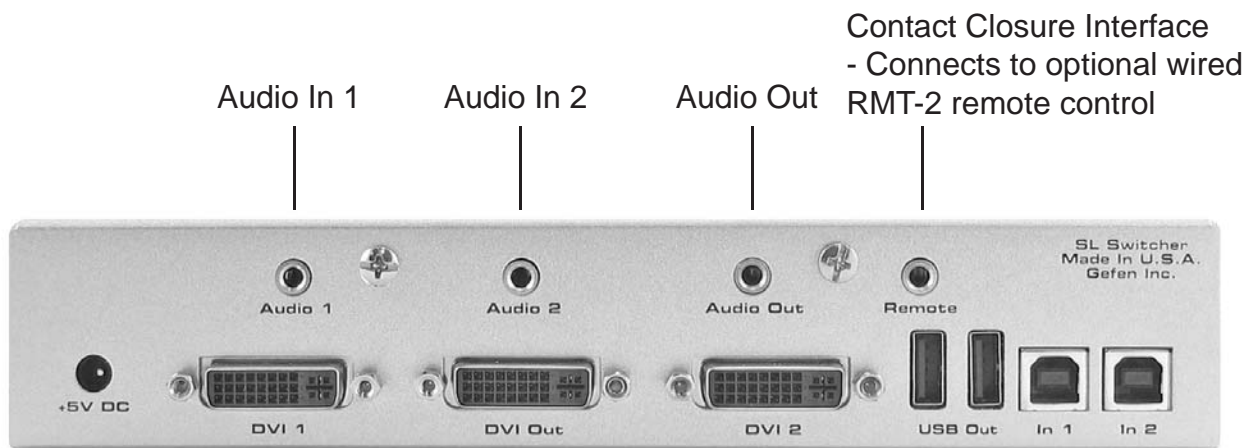
Power Indicator

IR Eye

Indicates which input is selected

Selector

Equalization Knobs



Audio In 1

Audio In 2

Audio Out

Contact Closure Interface - Connects to optional wired RMT-2 remote control

5VDC Input

DVI In 1

DVI Out

DVI In 2

USB Output

USB In 1

USB In 2

CONNECTING AND OPERATING THE 2X1 DVI SL SWITCHER

How to Connect the SL Switcher to your devices

- 1-** Connect the supplied cables from your first computer into the DVI In 1, USB In 1, and Audio In 1 connection in the back of the SL Switcher.
- 2-** Connect the supplied cables from your second computer into the DVI In 2, USB In 2, and Audio In 2 connection in the back of the SL Switcher.
- 3-** Connect the monitor to the DVI Out connection.
- 4-** Connect your USB devices (e.g. keyboard, mouse) into the USB Out.
- 5-** Connect your speakers to the Audio Out.
- 6-** Plug the 5VDC power supply into the SL Switcher.

How to Operate the SL Switcher

- 1-** Use the front panel push button to switch between sources.
- 2-** Use the RMT-2IR wireless remote control to remotely switch between sources.
- 3-** Use the optional RMT-2 wired remote control to remotely toggle between sources.

Operation Notes

When turning on or rebooting your computers, the SL Switcher must be selected to the computer that is booting until the computer completes the boot cycle. This step can be eliminated using the Gefen DVI Detective.

If you loose your picture when switch from source 1 to source 2 or vice-versa you will require a DVI Detective.

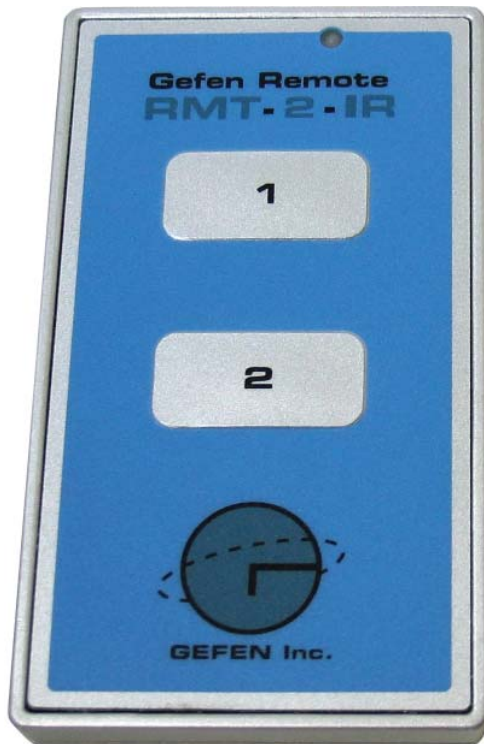
The equalization knobs can be used to balance out signal noise resulting from long cables for better picture quality.

If you are experiencing USB dropouts try using the switcher just as a USB hub by only connecting the USB cables from your computers to the switcher. Connect your devices to the USB out portion of the switcher and connect your display to your computer directly. Start your computer up and try switching. If your USB devices do come up normally then you will need a DVI Detective to negotiate the video/USB signals for faster switching. If they do not come up normally, then you will need to call tech support.

RMT2-IR INSTALLATION

1. Remove battery cover from the back of the RMT2-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 RMT2-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.

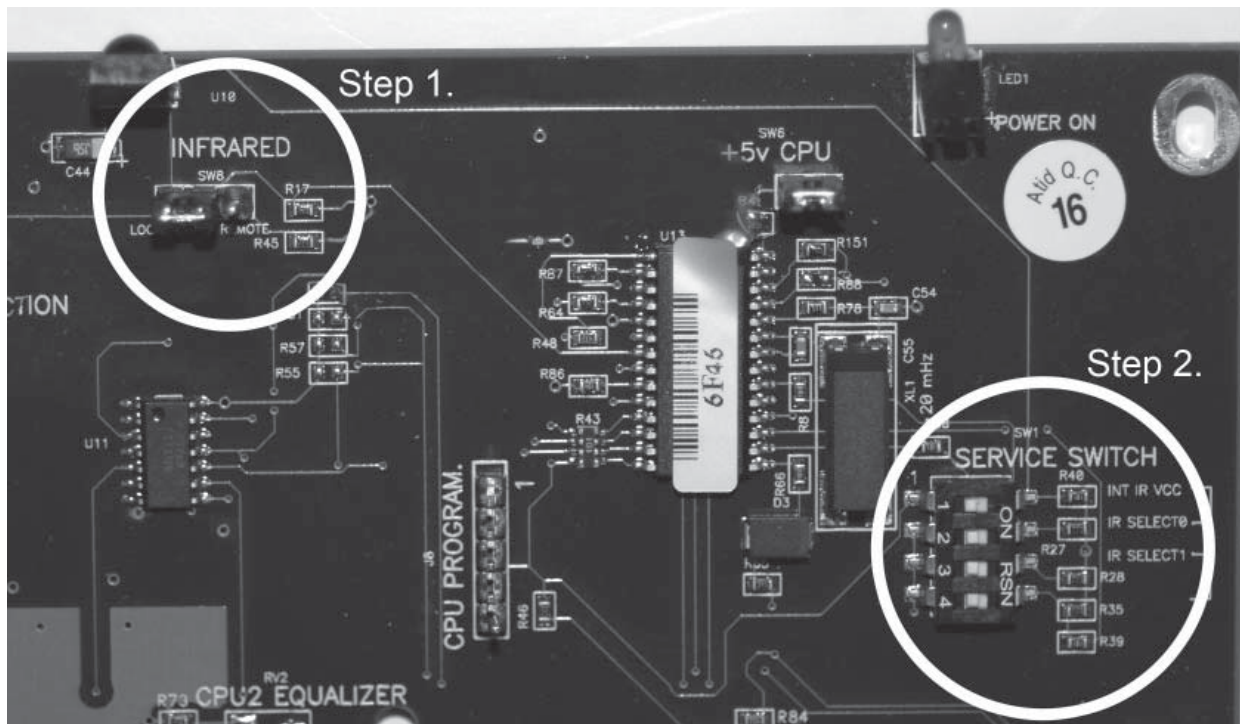
Note: The RMT2-IR ships with two batteries. One battery is required for operation, the second battery is complimentary.



IR EXTENDER INSTALLATION

How to Connect the IR Extender

- 1 Open the unit and move the jumper labeled INFRARED (pictured* as "Step 1" below) from Local to Remote
- 2 In the bank of switches labeled SERVICE SWITCH (pictured* as "Step 2" below), flip Service Switch #1 (top most switch) to the ON position
- 3 Reassemble the unit.
- 4 Plug the IR extender into the Remote port on the front of the Switcher Unit



*Note: Picture depicts upper right corner of the unit with the power light facing up.

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 x 60hz
DVI Input/Output Connector Type	DVI-I
USB 2.0 Input Connection	Type "B"
USB 2.0 Output Connection	Type "A"
Power Consumption	15 Watts (max.)
Power Supply	5 VDC
Dimensions	4.625"D x 8"W x 1.75"H
Rackmountable	1 Rack Space
Shipping Weight	5 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 SL Switcher features and specifications is subject to change without notice.