4x2 HD-SDI Switcher

USER MANUAL

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TABLE OF CONTENTS

1 Introduction

2 Features

3 Panel Descriptions

4 Connecting and Operating the 4x2 HD-SDI Switcher

5 RMT4-IR Installation

6 Specifications

7 Warranty

INTRODUCTION

Congratulations on your purchase of the ex•tend•it 4x2 HD-SDI Switcher. Your complete satisfaction is very important to us.

Readily Access One of Four Sources with One or Two Displays

4 Sources + 1 or 2 Displays = Cost Effective Multi-Tasking

The ex•tend•it 4x2 HD-SDI Switcher is unique in its ability to connect two HD-SDI displays to four HD-SDI sources. Select from multiple sources using the IR remote control that comes with the unit. When selected, a source may be viewed on either one or two HD-SDI displays. Source switching is completed swiftly and high definition video up to 1080p is supported.

SDI

SDI (serial digital interface), used primarily in broadcasting, converts and transmits digital video through SDI connectors. It enables computers to process high definition, high quality video.

How it Works

Connect your HD-SDI sources and the one or two HD-SDI displays to the 4x2 HD-SDI Switcher. When all the equipment is powered and connected, switching can begin.

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 4x2 HD-SDI Switcher allows two HDTV DVI devices to be switched easily in to one HDTV DVI compatible monitor or projector. The 4x2 HD-SDI Switcher can also be placed at the end of a long DVI cable to regenerate the DVI signal.

Features

• Saves money—use one or two displays to access four sources

• Saves space—eliminates unnecessary hardware while increasing efficiency

• Saves time—switch between sources in an instant using the RMT-4 IR remote. Installs in seconds

• Lifetime support—includes one-year manufacturer's warranty and free technical support for the lifetime of the product

Includes:

(1) 4x2 HD-SDI Switcher
(1) 5v Power Supply
(1) RMT-4 IR remote control

SDI Out 1

SDI Out 2

Connects to 5VDC power supply

SDI In 1

SDI In 2

SDI In 3

SDI In 4

How to Connect the 4x2 HD-SDI Switcher to your devices

1 Connect your HD-SDI inputs into Input 1 thru 4 on the 4x2 HD-SDI Switcher.

2 Connect one or two displays into the outputs.

3 Connect the 5VDC power supply into the 4x2 HD-SDI Switcher.

How to Operate the 4x2 HD-SDI Switcher

1 Use the RMT4-IR remote control port to remotely toggle between sources.

RMT4-IR INSTALLATION

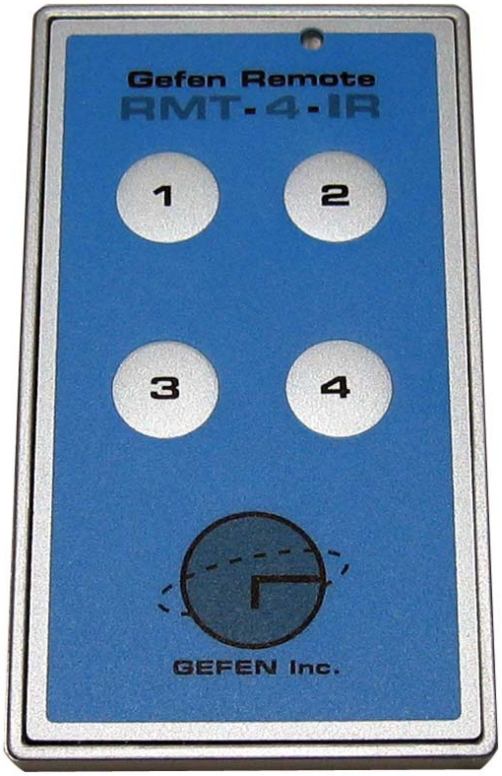
1. Remove battery cover from the back of the RMT4-IR remote.

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

• Input/Output: SDI - SMPTE 259M-C (270Mbps);HD-SDI - SMPTE 292M (1.485, 1.485/1.001 Gbps); NTSC; PAL:
720p @ 60, 59.94, 50Hz
1080p @ 30, 29.97, 25, 24 & 23.98Hz,
1080i @ 60, 59.94, 50, 48 & 47.95Hz

• Power Supply: 5VDC

• Power: external adapter with locking power connector

• Dimensions: 3.5“ D x 2.875” W x 1” H

• Shipping Weight: 4 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 EXT-HDSDI-442 features and specifications is subject to change without notice.