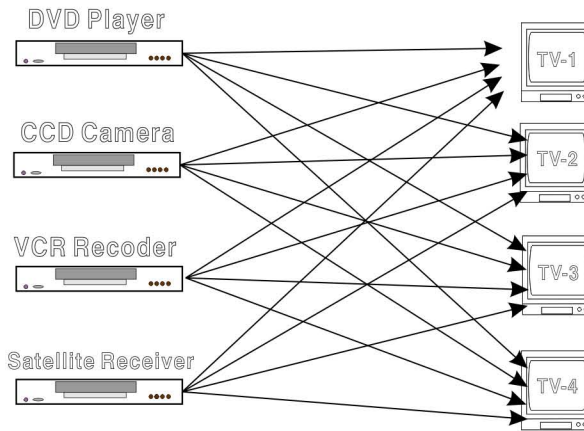


4x4 Matrix

APPLICATION

Video Equipment;

- * DVD Player
- * VCR Video Recoder
- * Video CD Player
- * Satellite Receiver
- * Security CCD Camera
- * Video Handycam
- * Video Game player



Model Number : SB-5544



- * 4 Display Channel Button
- * 4 LED's Display
- * IR Remote Controller



4 A/V Output Ports

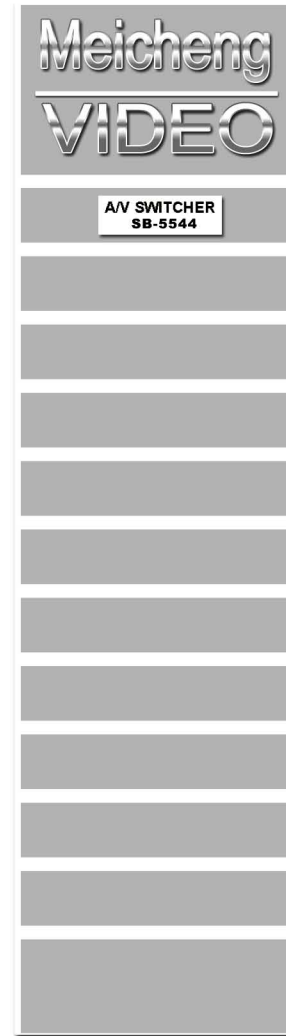
- Out 1 : Tv1
- Out 2 : Tv2
- Out 3 : Tv3
- Out 4 : Tv4

4 A/V Input ports

- IN-1 : Av1
- IN-2 : Av2
- IN-3 : Av3
- IN-4 : Av4

DC Input

12V, 1 A



Thank You for purchasing

Instruction Manual

4x4 Matrix Routing Switcher

Model No.: SB-5544

4 SOURCE & 4 OUTPUT STATION






4 x 4 Audio/Video Matrix Routing Switcher

Please read these instructions carefully before attempting to make connections to any of your AV devices. Save this manual for future reference.

Safety Notice!

To prevent damage to your television equipment use only the supplied AC Adaptor and make the power connections to your television.

Specifications

SB-5544	
Video Inputs	4x Composite Video, 75Ω On RCA Connectors
Audio Inputs	4x Stereo R/L, 40KΩ on RCA Connectors
Video Outputs	4x Composite Video, 75Ω on RCA Connectors
Audio Outputs	4x Stereo R/L, 100KΩ on RCA Connectors
Video Bandwidth	>20MHz
Video Distortion	<1.2db (Standard +/- 3db)
Audio Distortion	<0.6db (Standard +/- 3db)
Channel Isolation	>50db
S/N Ratio	<50db
Video Crosstalk	<60db
Control Method	Front Panel Switches and IR Remote Control Unit
Power Consumed	@350mA Maximum
Power Source	DC 12V, @500mA~1500mA   
Dimensions (H,W,D)	1.73in x 11.96in x 7.08in
Net Weight (Unit Only)	2.2 lbs. (1kg) Approx.

Safeguards and Precautions

- Keep this unit away from fire, extremely hot areas, water or moisture of any Kind.
- Do not place this unit on any support that is not firm, level and strong.
- Do not service the unit yourself. Opening the unit's housing will void the warranty.
- Service must be by Shinybow or by an authorized technician.
- Illegal duplication of copyrighted material is strictly prohibited by Federal Laws.

Introduction

Congratulations on your purchase of one of the most innovative Video/Audio switching products on the market today. The SB-5544 is a true Matrix Routing Switcher for Composite Video and Stereo Audio signals. It has 4 individual AV inputs with 4 individual AV outputs. Because it is a matrix router, any input may be routed to any output; or the same input may be routed to all outputs or any combination. It completely eliminates the need to constantly move around audio and video input and output cables. The SB-5544 is useful for routing signals from AV source devices (such as: VCRs, Camcorders, Video Game Consoles, Video CDs, DVDs, Satellite Receivers, CATV Set Top Boxes, etc.) to AV destination devices (such as: VCRs, DVD-Rs, TV Sets, Video Projectors, etc.). Selection of inputs is made via the Front Panel pushbuttons or an Infrared Remote Control unit.

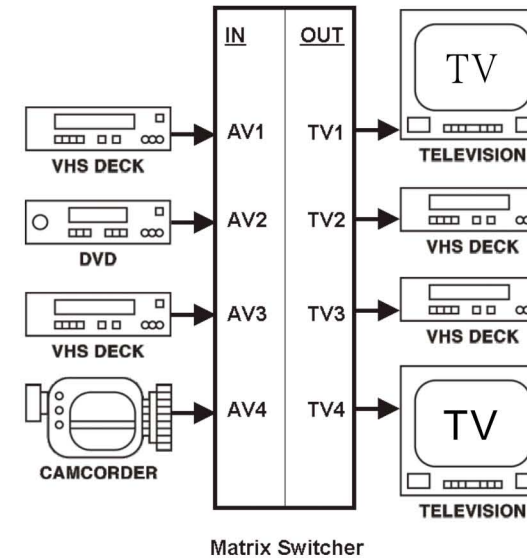
Before you make any connections

Make sure all AV devices to be connected to the SB-5544 Matrix Routing Switcher are functioning according to their respective operation manuals before connecting them. Always connect the AV devices to the Switcher one at a time and make sure each works just as it did before it was connected.

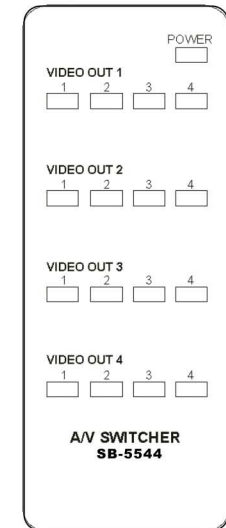
Operation of the Matrix Routing Switcher

There are four pushbuttons on the front panel. The first selects which of the 4 inputs is routed to Output 1, the second button selects which input is routed to Output 2, etc. Simply choose the button corresponding to the output you want to change and press it repeatedly to toggle through AV Inputs 1 thru 4. The front panel LEDs indicate which input is connected to its respective output at any given time. The IR Remote Control has a separate row of four buttons for each of the outputs. Each of these buttons corresponds to one of the four inputs. Simply press the appropriate button to select the desired input.

Typical Hookup and Operation



IR Remote Unit

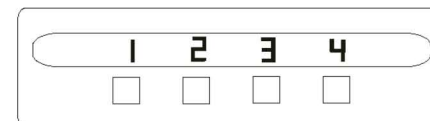


Matrix Switcher Routing Selection

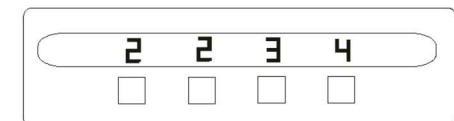
The drawings below show how the front panel LEDs will appear when Output 1 is changed from Inputs 1 thru 4. For these examples, Outputs 2, 3 and 4 remain unchanged.

- * Example 1 - Input 1 routed to Output 1.
- * Example 2 - Input 2 routed to Output 1.
- * Example 3 - Input 3 routed to Output 1.
- * Example 4 - Input 4 routed to Output 1.

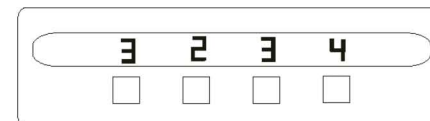
Example 1



Example 2



Example 3



Example 4

