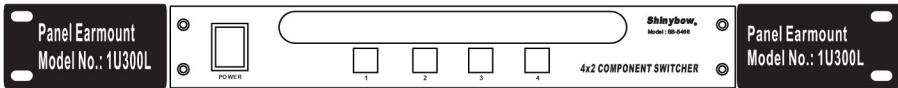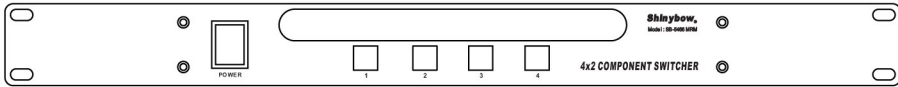# 4x2 HDTV Routing Switcher

Features

- **Video** : Component Video YPbPr(YCbCr)/ RGBHV **700 Mhz**
- **Coaxial** : Digital Audio , PCM , CV   **110 Mhz**
- **Audio** : Stereo Audio(AR-HD/AL-VD)

- **Processing**
  Scan rates Accepted: 50 Hz or 60 Hz, refresh: 480I, 576I, 480P, 576P, 1080I,
  540p, 720p; Supports Component switching resolutions up to 1080p.

- **Switching control: Via Infra Red Remote controler or Manu.**

SB-5466 (Ear Mount)

SB-5466MRM (Rack Mount)

Input : 4x Composite/Digital/Stereo Audio(AR/AL)

Output : 2x Composite/Digital/Stereo Audio(AR/AL)

Power Input : DC +12V , 500mA. ⊖─◉─⊕

Safety Notice!

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

Thank You for purchasing

Instruction Manual

SHINYBOW™USA

Professional

Routing Switcher
COMPONENT/DIGITAL/AUDIO

4 inputs > 2 outputs

Model : SB-5466

Model : SB-5466MRM

Component Video/Digital/Audio Stereo Switcher Series

Thank you for purchasing the SB-5466(Ear Mount)/SB-5466MRM (Rack Mount) Component Video / Audio Stereo Matrix Switcher. You will find this unit easy to install and highly reliable but it is essential that you read this manual throughly before attempting to use converter.

Introduction

Congratulations on your purchase of one of the most innovative Component/Digital/Stereo Audio switching product on the market Today. The SB-5466/SB-5466MRM is for Component Video(YPbPr/YCbCr)/Digital/Stereo Audio(AR/AL). This is a fully Matrix Switcher and with a IR Remote Controler. Each has 4 individual Component Video(YPbPr/YCrCb))/Digital/Stereo Audio(R/L) inputs with 2 identical Component Video(YPbPr/YCrCb)/Digital/Stereo Audio outputs. Useful for Routing signals from Component Video/Digital/Audio Source devices (such as: Video Game Consoles, DH Video Cds, DVDs, Satellite Receivers, CATV Set Top Boxes, etc.)

Before you make any connections

Make sure all Video devices to be connected to the Component Video Routing Switcher are functioning according to their respective operation manuals before connecting them.
Always connect the Component Video/Audio devices to the Component Video Routing Switcher one at a time and make sure each works just as it did before it was connected.
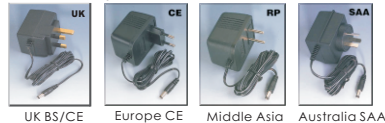
Features of the Component Video Routing Switcher

This device can be operated in two modes: IR Remote control or Manual. In the selected by pushing the IR key/Manual button on the front panel to the Video sources position, So, if you have four devices hooked up to the four inputs and only one has its power turned on, that device will be switched to the output by IR Remote control. Or When in the Manual mode, selected by pushing the for Video select Manual buttons on the front panel, selection of input AV1, AV2, AV3 or Av4 to be routed to the Composite Video/Audio output in done by repeatedly pressing the Input Channel button to toggle through the inputs.

Supplied Accessories

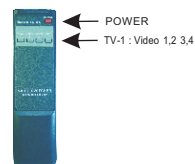Check that you have the following components in your converter pack ;
(1) 1 Instruction Manual
(2) 1 SB-5466 or SB-5466MRM switcher module
(3) 1 IR Remote Controler
(4) 1 AC Adaptor : 12VDC,@500mA ⊖–⊙–⊕

AC/DC Adaptor : CE/UL/SAA/BS

UK BS/CE   Europe CE   Middle Asia   Australia SAA

IR Remote Controler
POWER
TV-1 : Video 1,2 3,4

SPECIFICATION:

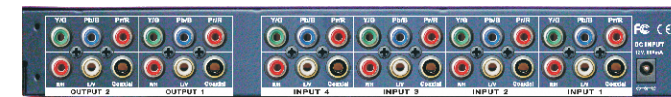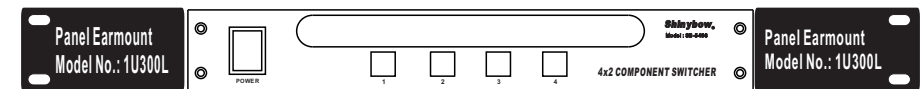|		
Type of Switcher	:	Front Panel Switches and IR Remote Control Switcher
Video Input		4 x Component 1 Vpp, 75 Ohms, RCA Socket.
Audio Input		4 x Digital (Digital Audio/PCM)
	:	4 x Stereo Audio: L+R 5Vpp, 47k Ohms. RCA socket
Video output	:	2 x Component 1Vpp, 75 Ohms, RCA Socket.
Audio Output		2 x Digital (Digital Audio/PCM)
	:	2 x Stereo Audio: L+R 5Vpp, 47k Ohms. RCA socket
Video Bandwidth	:	>700MHz. +/- 3db
Video Distortion	:	< 1.2 db
Audio Distortion	:	< 0.6 db
Channel Isolation	:	> 50 db
Signal to Noise Ratio	:	> 50 db
Power Consumption	:	@350mA.
Power Source	:	+12V DC @500mA.

Typical Hookup and Operation

Front Panel

Front View:
Power SW : ON/OFF
IR : Remote Controler
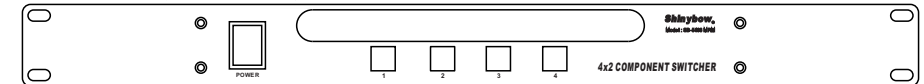LED display
Video Select Buttons

Rear Panel

Rear View:
Input : 4 x Component/Digital/Audio.
Output: 2 x Component/Digital/Audio.
Power DC Input : DC12V, @500mA.

SB-5466 (Ear Mount)

Panel Earmount Model No.: 1U300L   4x2 COMPONENT SWITCHER   Panel Earmount Model No.: 1U300L

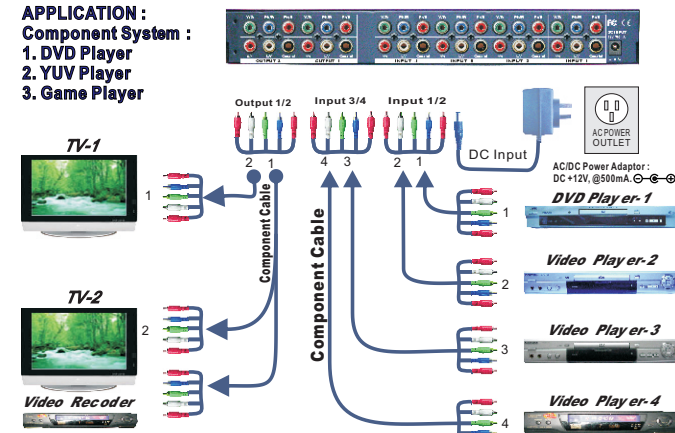SB-5466MRM (Rack Mount)

4x2 COMPONENT SWITCHER

Safeguards and Precautions

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

Installing : Wiring Diagram

APPLICATION :
Component System :
1. DVD Player
2. YUV Player
3. Game Player

Output 1/2   Input 3/4   Input 1/2

TV-1

TV-2

Video Recoder

Component Cable

DC Input

AC POWER OUTLET

AC/DC Power Adaptor : DC +12V, @500mA.⊖–⊙–⊕

DVD Player-1

Video Player-2

Video Player-3

Video Player-4

Congratulations! The switcher is now ready for use.
Switch on your player and HDTV and enjoy high quality colour.