

# Component Routing Switcher

Model : SB-5460

## IMPORTANT

**Note :** -----

The Switcher will work with most Video sources as the Composite Video & S-Video /Audio Video devices, And the DC power input available DC12V, 300mA ~ 500mA Adaptor.

**Input :** Composite Video (YPbPr)  
Stereo Audio system (R/L)

**Output :** Composite Video (YPbPr)  
Stereo Audio system (R/L)

**Power Input :** Available  
DC +12V , 300mA ~ 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**

**Component Video/Audio Switcher**

**Routing Switcher**

**YPbPr**

**4 inputs > 2 outputs**




**Model : SB-5460**

## Component Video/ Audio Stereo Switcher Series

Thank you for purchasing the SB-5460 Component Video / Audio Stereo Routing Switcher. You will find this unit easy to install and highly reliable but it is essential that you read this manual thoroughly before attempting to use converter.

## Supplied Accessories

Check that you have the following components in your converter pack ;

- (1) 1 Instruction Manual
- (2) 1 SB-5460 switcher module
- (3) 1 Five way RCA-to-RCA (YPbPr) Cable, Set coloured red, White, Green, Blue and Red
- (4) 1 AC Adaptor : 12VDC, 300mA ~ 500mA 
- (5) 1 IR Remote Controller

YUV connecting Cable :  
5RCA x 5RCA, L= 2M



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



UK BS/CE



Europe CE



Middle Asia



Australia SAA

IR Remote Controller



POWER  
TV-1 : Video 1, 2, 3, 4

## Introduction

Congratulations on your purchase of one of the most innovative Component Video (YPbPr)/Audio switching products on the market today. The SB-5460 for Component Video (YPbPr) / Stereo Audio. This is a fully Routing Switcher and with a IR Remote Controller. Each has 4 individual Component Video/Stereo Audio (R/L) inputs with 2 identical Component Video (YPbPr)/Audio outputs and useful for routing signals from Component Video /Audio Source devices (such as : Video Game Consoles, Video Cds, DVDs, Satellite Receivers, CATV Set Top Boxes, ect.) To Component Video/Audio destination devices (such as : DVD-Rs, TV Sets, Video Projectors, ect.)

## Before you make any connections

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

## Features of the Component (YPbPr) 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.

## Single Source Operation

When only one source device, such as a DVD is connected, always connect the device to the Component Video/Audio Switcher's Av1 input. Because Av1 is the default input, it will automatically be fed to the Component Video outputs when the Component Video Switcher's DC input plug is push off the switcher. All of video output select position will be memory when the Component Video switcher's power button is turned off.

## 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.

## Typical Hookup and Operation

Front Panel

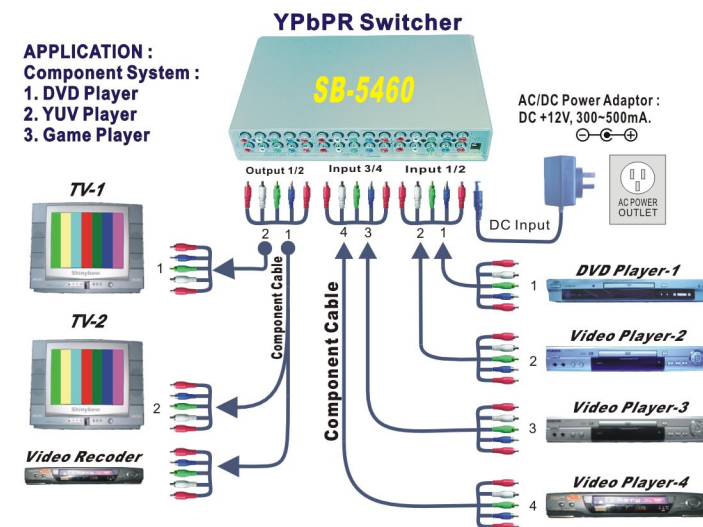


Front View:  
Power SW : ON/OFF  
IR : Remote Controller  
Video Select : 1 ~ 4 Buttons

Rear Panel



Rear View:  
Input : 4 x Component Video/Audio.  
Output : 2 x Component Video/Audio.  
Power DC Input : DC12V, 300 ~ 500mA.



## Dual Outputs

Both of the Component Video outputs will have the same signal that has been selected by internal switching logic of Component Video Switcher. These dual output are provided for convenience.

## SPECIFICATION:

Type of Switcher	: Front Panel Switches and IR Remote Control
Video Input	: 4 x Component (YPbPr) 1 Vpp, 75 Ohms, RCA Socket.
Audio Input	: 4 x Stereo Audio: L+R 5Vpp, 47k Ohms. RCA socket
Video output	: 2 x Component (YPbPr) 1Vpp, 75 Ohms, RCA Socket.
Audio Output	: 2 x Stereo Audio: L+R 5Vpp, 47k Ohms. RCA socket
Video Bandwidth	: Maximum 120MHz. +/- 3db
Video Distortion	: < 1.2 db
Audio Distortion	: < 0.6 db
Channel Isolation	: > 50 db
Signal to Noise Ratio:	> 50 db
Power Consumption :	+12V DC @ 300mA ~ 500mA.
Power Source	: AC to DC Adapter

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