

# HDMI 8:1 Switcher + IR + Rs232

Model : 5604 4:1 HDMI SWITCHER



Model : 5605 4:1 HDMI-Optical-Digital SW



Model : 5607 8:1 DVI-AUDIO SWITCHER



Model : 5608 8:1 HDMI SWITCHER



**Input : 8x HDMI**

**Output : 1x HDMI**

**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.

## Instruction Manual

# SHINYBOW™ USA

## 8 : 1 HDMI SWITCHER

# 8:1 HDMI

## IR Remote Controller RS 232 PC Control



Model : 5608



Model : 5608MRM

# HDMI 8:1 Series



RoHS  
2002/95/EC

## HDMI Routing Switcher Series

Thank you for purchasing the SB-5608 HDMI 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 switcher.

## Introduction

SB-5608 is a HDMI switch featuring equalized TMDS inputs and pre-emphasized TMDS output. for high definition digital of TMDS signal. This switcher support data rates up to 1.65Gbps, enabling 1080P HDMI formats and UXGA(1600x1200) DVI resolution is ideally suited for High Definition LCD Television or Plasma display applications. Control is provided via Front push buttons with LED readout or IR remote controller. ARS 232 interface is provided for interfacing with third party control. Input cable equalizer enables use of long cables at the input (more than 20 meters of 24 AWG cable at 1080p). A windows-based control software package is included to provide complete control of the SB-5608 from a PC.

## Before you make any connections

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

## Features of the HDMI Switcher

This device can be operated in three modes: Use IR Remote controller or Manual and Rs232 PC control. In the selected by IR controller function or pushing the input 1,2,3,4, 5,6,7, or input 8 key Manual button on the front panel to settle Video sources position and use a PC Rs232 control, So if you have eight devices hooked up to the one input and only one has its power turned on, When in the manual mode, selected by pushing the for Video select Manual buttons on the front panel, selection of input V1, V2, V3, V4 V5,V6,V7 or V8 to be routed to the HDMI 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 amplifier pack ;

- (1) 1 Instruction Manual
- (2) 1 SB-5608 Switcher
- (3) 1 IR Remote Controller
- (3) 1 AC/DC Adaptor : 12VDC,@500mA

## SPECIFICATION:

Type of switcher	8 inputs to 1 output HDMI-DVI Switcher
Complete Solution	Fully Buffered inputs and outputs.
Data Rates	250 Mbps to 1.65 Gbps
Pixel clocks	25 Mhz to 165MHz
HDMI cable distance	20 meters at 1080p
Globally switchable	50Ω on termination
Single-supply	Operation 3.3V
Compatible Standard	HDCP, HDMI receiver and DVI
Infrared frequency	38KHz
HDTV support	1080p HDMI formats and UXGA 1600x1200 resolution
Bundling modes	Multiple channel
Switch featuring	TMDS inputs and outputs
Link switch	8:1 single HDMI-DVI
Power supply	Approval by CSA, TUV, CE, UL
Regulatory Approvals	CE, FCC, RoHS(2002/95/EC)
Dimensions (W.D.H.)	17.40 " (W) x 7.87 " (D) x 1.73 " (H)
Net Weight (Unit Only)	About 2050 gwm (with metal case)
Power Voltage Input	DC 12V @500mA, ~3A accepted

## Typical Hookup and Operation

### Front Panel



Front View:  
Input Select : 1~8 buttons  
Auto Scan Inputs : LED Readout  
Power SW : ON/OFF

### Rear Panel



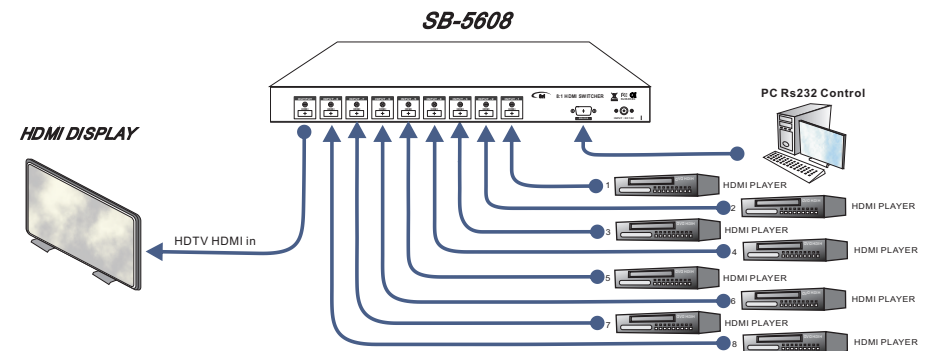
Rear View:  
Inputs : 1~8 HDMI ports  
Control : Rs232 PC control  
Power input : DC12V.@500mA



IR Remote Controller

## APPLICATIONS :

1. Multi-input displays
2. Projectors
3. A/V receiver
4. Set-Top boxes
5. Advanced television(HDTV) sets.



## 8:1 HDMI ROUTING SWITCHER+IR+RS232