

# 1 in-8 out HDTV Distribution Amplifier

Model : SB-3737

## CONFORMANCE TEST REPORT

FOR **EN 55013 / EN 55020**

**CE** Report Number : ET93S-06-168-1

FOR **FCC 47 CFR / Part 15 Subpart B**

**FC** Report Number : ET93S-06-168-02

FOR **VCCI**

**VCI** Report Number : ET93S-06-168-03

Model Number : SB-3750

Comment Number :

**SB-3737**, SB-3733, SB-3716, SB-3730

SB-3714, SB-3710, SB-3708, SB-3709

SB-3706, SB-3705, SB-3704

SB-3737

Panel Ear mount Model No.: 1U440L



SB-3737MRM



**Input :** Component Video YPbPr, YCbCr, RGB  
Stereo Audio system (AR/VD, AL/HD)

**Output :** Component Video YPbPr, YCbCr, RGB  
Stereo Audio system (AR/VD, AL/HD)

**Power Input :** DC Type : DC12V , @500mA~up.

### 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™

## HDTV

### 1 input x 8 outputs

### Component Video/Audio Distribution Amplifier

### Component Video YPrPb, YCrCb, RGB

### Stereo Audio (AR/VD, AL/HD)



Model : SB-3737



Model : SB-3737MRM

## High 700 Mhz Video-Bandwidth

**Scan rates Accepted:**

50 Hz or 60 Hz, refresh:480i, 576i, 480P, 540P, 576P, 540p, 720p; 1080i, 1080p.

### Component Video/ Stereo Audio Splitter Series

Thank you for purchasing the SB-3737 Component Video / Stereo Audio distribution amplifier. 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 Amplifier.

## Introduction

Congratulations on your purchase of one of the most innovative component Video/Audio Signal distribution product on the market today. For Component Video/Stereo Audio, choose the 8 outputs SB-3737. For Component Video/Stereo Audio, This product provide multiple video and audio outputs that are identical to the source signal. He is useful for distributing signals from High quality Component Video Devices, Camcorders, Video Game consoles, Video Cds, DVDs, Satellite Receivers, STD Set Top Boxes, etc.

## Before you make any connections


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

## 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.
- Servicing must be by Shinybow or by an authorized technician.
- Illegal duplication of copyrighted material is strictly prohibited by Federal Laws.

## Supplied Accessories

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

- 1 Instruction Manual
- 1 SB-3737 Amplifier console
- 1 AC Adaptor : 12VDC, 500mA  or AC Type by power 100~240VAC

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



## SPECIFICATION:

<b>Model Number</b>	<b>SB-3737</b>
<b>Input/output</b>	1 input to 8 outputs Distribution Amplifier
<b>Type of Signals</b>	Component Video/Stereo Audio(AR/VD,AL/HD)
<b>Input</b>	<b>1 x Video-</b> <b>1 x Audio-</b> * Component Video : YPbPr, YCbCr, RGB * Stereo Audio - (Standard Left/HD, Right/VD pairs)
<b>Output</b>	<b>8 x Video-</b> <b>8 x Audio-</b> * Component Video : YPbPr, YCbCr, RGB * Stereo Audio - (Standard Left/HD, Right/VD pairs)
<b>Video Bandwidth</b>	>700MHz, G=+2,
<b>Small Signal Bandwidth(-3db)</b>	1Ghz, G=+1, 700MHz, G=+2,
<b>Setting time</b>	10ns to 0.1%, 2V Step, G=+2
<b>Low Distortion (SFDR)</b>	-66 dBc @ 20MHz, Second Harmonic -75 dBc @ 20MHz, Third Harmonic
<b>Third Order Intercept(3IP)</b>	26 dBm @ 70MHz, G=+10
<b>Gain Flatness</b>	0.1dB to 75 Mhz
<b>Differential Gain Error</b>	0.01%, RL=150Ω
<b>Differential Phase Error</b>	0.01%, RL=150 Ω
<b>In/Out Terminal</b>	Color-coded RCA female connectors.
<b>Size (L,W,H)</b>	17.32 in x 7.9 in x 1.7in (440x200x44mm)
<b>Net Weight (Unit only)</b>	5.00 lbs. (2.30kg) Approx.
<b>Power Consumed</b>	350mA Maximum
<b>Power Source</b>	DC 12 Volts, @500mA or up
<b>Enclosure type</b>	SB-3737 Ear mountable, SB-3737MRM - Rack mount type

## Typical Hookup and Operation

SB-3737



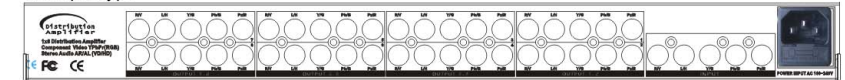
SB-3737MRM



DC input type



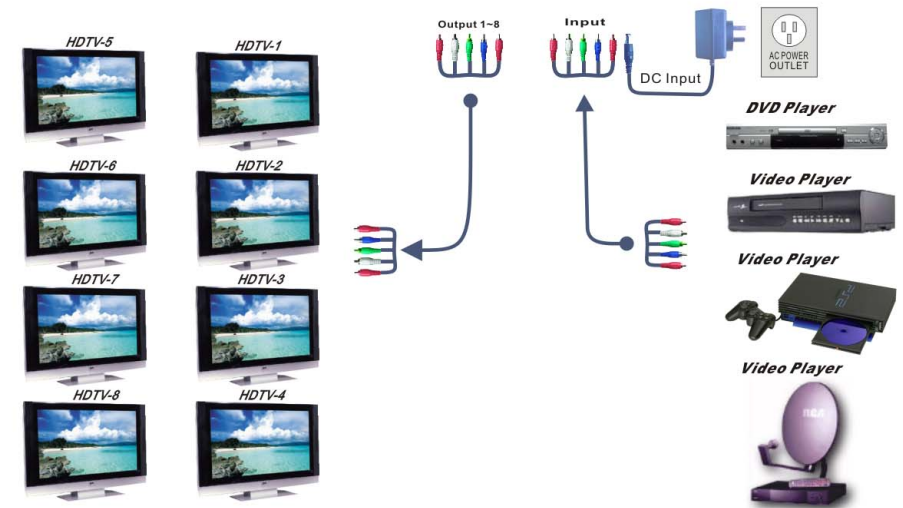
AC input type



## 1 To 8 Distribution Amplifier

**APPLICATION S:**

**Component System : 1. DVD 2. STB 3. Game Console 4. Satellite Receiver**



**Congratulations! The Distribution Amplifier is now ready for use.  
Switch on your player and TV and enjoy high quality color.**