

Professional RGBHV 1 Input x 2 Output VGA Distribution Amplifier INSTRUCTION MANUAL



MODEL : SB-1102G

VGA Distribution Amplifier, Preview Output, Level & Equalizer

High Resolution 2048 x 2048

VGA RGBHV Distribution Amplifiers Series

Thank you for purchasing the S8-1102 VGA (RG8HV) 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.



SAFETY INFORMATION



1. Save the carton and packing material even if the equipment has arrived in good condition. Should you ever need to ship the unit, use only the original factory packing.
2. Read all documentation before operating your equipment. Retain all documentation for future reference.
3. Follow all instructions printed on unit chassis for proper operation.
4. Do not spill water or other liquids into or on the unit, or operate the unit while standing in liquid.
5. Make sure power outlets conform to the power requirements listed on the back of the unit.
6. Do not use the unit if the electrical power cord is frayed or broken. The power supply cords should be routed so that they are not likely to be walked on or pinched by items placed upon or against them, paying particular attention to cords and plugs, convenience receptacles, and the point where they exit from the appliance.
7. Always operate the unit with the AC ground wire connected to the electrical system ground. Precautions should be taken so that the means of grounding of a piece of equipment is not defeated.
8. Mains voltage must be correct and the same as that printed on the rear of the unit. Damage caused by connection to improper AC voltage is not covered by any warranty.
9. Power down & disconnect unit from mains voltage before making connections.
10. Never hold a power switch in the "ON" position.
11. Do not use the unit near stoves, heat registers, radiators, or other heat Producing devices.
12. Do not block fan intake or exhaust ports. Do not operate equipment on a surface or in an environment which may impede the normal flow of air around the unit, such as a bed, rug, carpet, or completely enclosed rack. If the unit is used in an extremely dusty or smoky environment, the unit should be periodically "blown free" of foreign matter.
13. Do not remove the cover. Removing the cover will expose you to potentially dangerous voltages. There are no user serviceable parts inside.
14. Do not drive the inputs with a signal level greater than that required to drive equipment to full output.
15. Non-use periods. The power cord of equipment should be unplugged from the outlet when left unused for a long period of time.
16. Service Information Equipment should be serviced by qualifier service personnel when:
 - A. The power supply cord or the plug has been damaged.
 - B. Objects have fallen, or liquid has been spilled into the equipment.
 - C. The equipment has been exposed to rain
 - D. The equipment does not appear to operate normally, or exhibits a marked change in performance
 - E. The equipment has been dropped, or the enclosure damaged.

IMPORTANT SAFETY INSTRUCTIONS

To insure the best from this product, please read this manual carefully. Keep it in a safe place for future reference.

To reduce the risk of electric shock, do not remove the cover from the unit. No user serviceable parts inside. Refer servicing to qualified personnel.

To reduce the risk of fire, do not expose the unit to rain, water or excessive moisture.

Do not force switched or external connections.

When moving the unit disconnect the serial port connections first then the power cable and finally the interconnecting cables to other devices.

Do not attempt to clean the unit with chemical solvents or aerosol cleaners, as this may damage the unit. Use a clean dry cloth.

Installation of this unit should be in a cool dry place, away from sources of excessive heat, vibration, dust, moisture and cold.

INTRODUCTION

CONFORMANCE TEST REPORT

FOR **EN 55020 / EN 55024**

CE REPORT NUMBER: **ET93S-12-050-1**

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

FC Report Number: **ET93S-12-050-02**

Model Number: SB-1102G

Comment Number :

SB-1112, SB-1112G, SB-1110, SB-1110G, SB-1108,
SB-1108G, SB-1106, SB-1106G, SB-1104, SB-1104G,
SB-1102, SB-1102G, SB-1116

Input: VGA (RGBHV), HO-15Pin Connector

Output: VGA (RGBHV), HO-15Pin Connector

Power Input: +DC12V, @300~660mA 



CAUTION
RISK OF ELECTRIC SHOCK
DO NOT OPEN



CAUTION: TO REDUCE THE RISK OF ELECTRIC SHOCK,
DO NOT REMOVE COVER (OR BACK),
NO USER SERVICEABLE PARTS INSIDE,
REFER SERVICING TO QUALIFIED SERVICE PERSONAL.

WARNING!

TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK
DO NOT EXPOSE THIS EQUIPMENT TO RAIN OR MOISTURE.



This symbol is intended to alert the user to the presence of uninsulated "dangerous voltage" within the products enclosure that enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.



This symbol is intended to alert the user to the presence of important operational and maintenance (servicing) instructions in the literature accompanying the appliance.

To prevent electric shock do not use this (polarised) plug with an extension cord, receptacle or other outlet unless the blades can be fully inserted to prevent blade exposure. To prevent electric shock, match wide blade of plug to wide slot, fully insert.

INTRODUCTION

Congratulations on your purchase of one of the most innovative VGA Signal distribution product on the market today. For SB-11 02 with 2 outputs VGAs. This product provide multiple VGA outputs that are identical to the VGA source signal. He is useful for distributing signals from High Resolution quality VGA 2048 x 2048 computer to 2 sets HD PC monitors or Projectors.

Before you make any connections

Make sure the computer to be connected to the Monitors distribution amplifier are functioning according to their respective operation manuals before connecting them. Always connect the PC to the VGA Monitors distribution amplifier one at a time and make sure each works just as it did before it was connected.

Supplied Accessories

Check that you have the fo llowing components in your converter pack;

- (1) 1 Instruction Manual
- (2) 1 SB- 1102 Amplifier
- (3) 1 AC Adaptor : 12VDC, @300-660mA 
ACIDC Adaptor Types : CE/ULISAA/BS

Safety Notice!

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

FEATURES & SPECIFICATIONS

FEATURES

- 1 Input to 2 DA Outputs and 1 Preview Output VGA Distribution Amplifier
- Low Distortion over Wide Bandwidth
- High resolution up to 2048 x 2048
- High Output Drive 175 mA Output Load Drive
- Scan rates accepted: 50Hz or 60Hz
- Enclosure type: Support wall mountable
- Size: (6.92")W x (3.15")D x (1")H inches

SPECIFICATIONS

- **Model Number:** SB-1102 1:2 VGA DISTRIBUTION AMPLIFIER
- **Type of Amplifier:** VGA (RGBHV) 1 input to 2 outputs
- **INPUT:** 1 x port of VGA (RGBHV), HD-15p Female connector
- **Preview Output:** 1 x port of VGA (RGBHV), HD-15p Female connector
- **OUTPUTS:** 2x port of VGA (RGBHV), HD-15p Female connector
- **VGA Resolution:** VGA - UXGA (16:9 or 4:3), 2048 x 2048 Maximum
- **Video Bandwidth:** >1GHz
- **Video Distortion:** <0.2db (Standard +/- 3d b)
- **Color Sacnning:** Level & Equalizer (Integrated Adapti ve)
- **Enclosure Type:** Metal Wall Rack mountable
- **Encoder/Decoder Unit:** FCC, CE, RoHS
- **Power Source:** DC 12 Volts , @300mA-660mA (Consumed 180mA Max.)
- **Size:** (6.92")L x (3.15")W x (1")H inches
- **Net Weight:** (Unit only) 1.50 lbs. Approx.

TYPICAL HOOKUP AND OPERATION

S8-1102

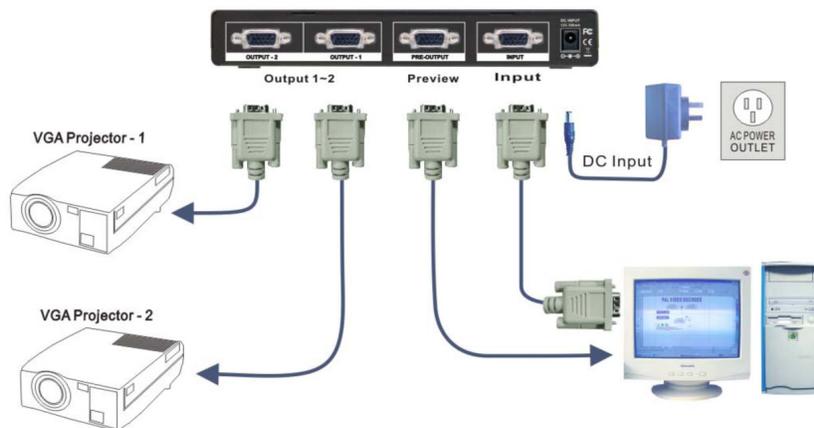


Safeguards and Precautions

- 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.

VGA 1 To 2 Distribution Amplifier

APPLICATION S: 2048x2048 high resolution Monitors



Congratulations! The Distribution Amplifier is now ready for use. Switch on your computer and monitors enjoy high quality color.

LIMITED WARRANTY

LIMITED WARRANTY

SHINYBOWUSA WARRANTY

SHINYBOWUSA Technology warrants this product against defects in materials and workman ship for a period of 1 year from the date of purchase.

Should this product, in SHINYBOWUSA Technology's opinion, Prove defective within this warranty period, SHINYBOWUSA Technology, at its option, will repair this product without charge, to whatever extent it shall deem necessary to restore said product to proper operation condition. This does not extend the warranty period.

This warranty does not apply if the fault has been caused by misuse, improper handling care, electrical or mechanical abuse, and abnormal operating condition or non-SHINYBOWUSA Technology authorized modification to the product.

If repairs are necessary under the warranty policy, the original purchaser must return the product to local distributor, freight prepaid.

After repairs are complete, the product will be returned.

REGULATORY COMPLIANCE

The product complies with the relevant standards for CE, FCC and RoHS approval.

The power Adaptor/Supply has been tested for compliance with UL.CSA and CE standards.

TROUBLESHOOTING

If you experience a <no signal> with this switcher or distributor outputs, first make certain that the signal being fed to its inputs is acceptable.

Disconnect the cables from the this switcher or distributor inputs and connect them directly to an appropriate monitoring device, if you do not see or hear a signal the problem may well be he signal source itself. Also check that the AC outlet you have used to power the switcher or distributor is actually providing power as a wall switch often controls an AC outlet.

The second most common problem with this switcher or distributor revolves around the cables, Inspect the cables for loose connectors or cable damage such as crushed cable or cables with cuts or nicks. Replace any cable exhibiting these problem.

You also must use the highest quality cables if you want to achieve the best results. Poor quality cables provide will poor quality signals.

SHINYBOW™ USA

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