

2:1:8 VGA DISTRIBUTOR

CONFORMANCE TEST REPORT

FOR **EN 61000-6-1 / EN 61000-6-3**

CE Report Number: ET94S-04-238-01

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

FC Report Number: ET94S-04-238-02

Model Number : SB-8180

Comment Number : SB-4140, SB-1110

Input : 2 x VGA(RGBHV)

Output : 8x VGA(RGBHV)

Power Input : DC +12V ,@500mA~3000mA ⊖ ⊕ ⊕

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

2:1:8 VGA DISTRIBUTION AMPLIFIER

2:1:8 VGA(RGBHV)

2 inputs To 8 outputs



Model : SB-1110

RoHS
2002/95/EC

2:1:8 VGA DISTRIBUTOR

VGA Distribution Amplifier Switcher Series

Thank you for purchasing the SB-1110 VGA-RGBHV 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 the switcher.

Part No.: SB-1110-28VGA

Introduction

SB-1110 is a high speed Video Bandwidth 310MHz, Maximum 380 Mhz VGA distribution amplifier. It is one of the most innovative 8 VGA-RGBHV distributor products with switch function on the market Today. SB-1110 support 2 VGA inputs and can be switch to 8 VGA distribution outputs for high resolution VGA, SVGA, XGA, SXGA, UXGA, WUXGA. Its design wall mount type. It has 2 individual inputs and with 8 same outputs. Because it use switch function into distribution amplifier, any input can be switch to 8 same outputs. It completely eliminates the need to constantly move around VGA input and output cables. The SB-1110 is a distribution amplifier with switch function is ideally suited for High Definition LCD Television or PC Plasma display applications. Control is provided via Front pushbuttons with LED readout or IR remote controller.

Supplied Accessories

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

- (1) 1 Instruction Manual
- (2) 1 SB-1110 switcher
- (3) 1 AC Adaptor : 12VDC, @500~3000mA

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 Distributor or by an authorized technician.
- e . Illegal duplication of copyrighted material is strictly prohibited by Federal Laws.

Specifications

Type of switcher	2 inputs to 8 outputs VGA Distribution Amplifier
Video Bandwidth	380MHz, (-3 dB) 200 mV p-p 310MHz, (-3 dB) 2V p-p
Complete Solution	2 x 8 Fully Buffered inputs and outputs.
Channel switching	15ns
Gain Flatness	90 Mhz , 0.1 dB
Differential Gain Error	0.01%, 0.1 dB
Differential Phase Error	0.02° , 0.1 dB (RL=150Ω)
Fast settling time	15ns To 0.1%
All Hostile Crosstalk	-84 db @ 5 MHz, -54 dB @ 50 MHz
Channel Crosstalk	-56 db @ 100 Mhz
Slew Rate	1000 V/μs, G=+1,2 V Step
High OFF Isolation	-100 dB@10MHz
Output Current	100 mA
Low power CMOS	600 uA Quiescent Current
Dimensions (W.D.H.)	8.66" (220mm) x 4.52" (115mm) x 1.73" (44mm)
Net Weight (Unit Only)	About 1260 gwm (with metal case)
Power Voltage Input	DC 12V @ 500mA or upto ~ 3 A accepted

Typical Hookup and Operation

Front View:
Power SW : ON/OFF, 2 channels LED Display, 2 Channel's SW

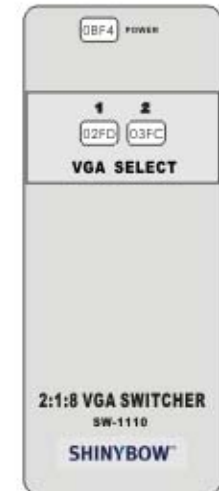


Rear View:
Input : 2 x VGA(RGBHV).
Output : 8 x VGA(RGBHV).
Power DC Input : DC12V, @ 500~3000mA.



IR Remote Unit

IR No.: SW-1110
IR Code : 28D7



Before you make any connections

Make sure all VGA devices to be connected to the outputs of VGA Distribution Amplifier is functioning according to their respective operation manuals before connecting to them.

INSTALLING:

VGA Monitor / LCD / Plasma

