

4x4 Composite Video Booster

4 ways Video Booster

CONFORMANCE TEST REPORT

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

CE Report Number : **ET94S-06-092-1**

FOR FCC 47 CFR / Part 15 Subpart B

FC Report Number : **ET94S-06-092-02**

Model Number : SB-2820

Comment Number :

SB-2819, SB-2818, SB-2817, SB-2816
SB-2815, SB-2814, SB-2813, SB-2812
SB-2811, SB-2810, SB-2809

Input/output : 4 ways Composite Video

Booster range : +0db ~ +6db

Power Input : +DC12V , @300mA



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

4 to 4 Video Booster

COMPOSITE VIDEO BOOSTER

4 ways Video Booster



Model : SB-2812 (RCA)



Model : SB-2811 (BNC)



RoHS
2002/95/EC

Composite Video Booster Series

Thank you for purchasing the SB-2812, SB-2811 Composite Video Signal booster. 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 booster.

Introduction

Congratulations on your purchase of one of the most innovative Composite Video Signals extend to Video monitor booster on the market Today. SB-2812 use by RCA connectors and SB-2811 use by BNC connectors. There are support four ways one by one extend signal booster. This product provide video amplify from +0db~+6db. And monitor display output quality that are identical to the video source composite video quality signals. He is useful for extend the composite video signal from the CCD security video or AV video/audio devices up to 300ft ~1000ft long distance video display monitors.

Before you make any connections

Make sure the Video Player to be connected to the video monitors are functioning according to their respective operation manuals before connecting them. Always connect the Booster to the video monitors at a time and make sure each works just as it did before it was connected.

Supplied Accessories

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

- (1) 1 Instruction Manual
- (2) 1 SB-2812 / SB-2811 booster
- (3) 1 AC Adaptor : 12VDC, @300mA

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



UK BS/CE Europe CE Middle Asia Australia SAA

Specifications

Model Number	SB-2812 (RCA), SB-2811 (BNC)
I/O port number	4x inputs to 4x outputs
Type of Signals	Composite Video
Input	Composite Video 1.00Vpp/75Ω SB-2812 use by RCA connectors, SB-2811 use BNC connectors
Output	Composite Video 1.00Vpp/75Ω SB-2812 use by RCA connectors, SB-2811 use BNC connectors
Video Bandwidth	>250MHz, G=+2,
Small Signal Bandwidth(-3db)	440Mhz, G=+1, 250MHz, G=+2,
Setting time	10ns to 0.1%, 2V Step, G=+2
Low Distortion (SFDR)	-66 dBc @ 20MHz, Second Harmonic -75 dBc @ 20MHz, Third Harmonic
Third Order Intercept(3IP)	26 dBm @ 70MHz, G=+10
Gain Flatness	0.1dB to 75 Mhz
Differential Gain Error	0.01%, RL=150 Ω
Differential Phase Error	0.01%, RL=150 Ω
In/Out Terminal	SB-2812 use RCA connectors, SB-2811 use BNC female connectors.
Size (L,W,H)	4.09 in x 2.83 in x 1.00 in (104mm x 72mm x 25mm)
Net Weight (Unit only)	1.00 lbs. (0.60kg) Approx.
Power Consumed	250mA Maximum
Power Source	DC 12 Volts, @300mA~500mA.

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.
- E. Illegal duplication of copyrighted material is strictly prohibited by Federal Laws.

Typical Hookup and Operation



Booster amplify Range : +0db~+6db

APPLICATION S: SDTV / HDTV / Plasma Monitors

