

SB-1102

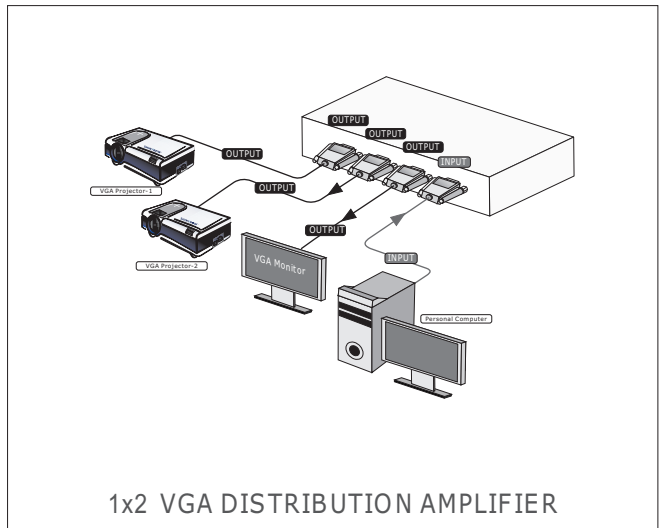
1x2 VGA DISTRIBUTION AMPLIFIER (VGA BOOSTER) **VGA** **EQ / LEVEL** **AMPLIFIER**

Input : 1x VGA(GBHV)

Outputs : 2x VGA(GBHV) with Booster, 1x VGA Preview Output



SB-1102 VGA DISTRIBUTION AMPLIFIER 1x2



SB-1102 is a 1x Input To 2x Outputs for VGA (RGBHV) signals distribution amplifier and 2xVGA outputs support booster function. For HD high resolution VGA(640x480), SVGA (800 x600), XGA(1024x768), SXGA(1280x1024), UXGA(1920x1200), WUXGA(1920x1200) Plasma Display or Monitor. Also support full HD resolutions for 480i, 480p, 576p, 720p, 1080i and 1080p HDTV. An ultrahigh speed current feedback amplifier with a phenomenal 5500V/us, slew rate that results in a rise time of 54.5ps, making it ideal as a pulse amplifier. The high slew rate reduces the effect of slew rate limiting and results in the large signal Bandwidth 440MHz(G=+2), Small signal Bandwidth (-3dB), 1000MHz (G=+1) delivers computer resolutions up to 2048 x 2048. Input and output connectors are HD-15 female type. Support wall mountable metal cases, 1 inch high. All units are +12VDC powered and the power switch supply for 100~230VAC 50/60Hz CE,FCC approval adaptor is included.

FEATURES

1. Support 1 input to 2 outputs of Signal VGA (RGBHV) Distribution Amplifier
2. Support 2x VGA Booster output function, 1x VGA Preview
3. Low Distortion over Wide Bandwidth Large Signal Bandwidth 440MHz, G=+2, Small signal Bandwidth 1GHz (-3dB) G=+1
4. High VGA resolutions for VGA, SVGA, XGA, UXGA, WUXGA (1920x1200) maximum up to 2048 x 2048 resolution
5. High Definition HDTV resolutions for 480p, 720p, 1080i and 1080p (1920x1080)
6. Support Lower power consumed full load under 500mA
7. Support EQ and LEVEL adjustable +/- 6dB
8. Terminal via HD DB15P Female connector
9. Safety approvals via test passing CE, FCC, RoHS(2002/95/EC)
10. Enclosure Support wall mountable
11. Power Supply : Universal switching DC12V, 0.66A.

SPECIFICATIONS

1. Type of Amplifier : 1 input to 2 outputs VGA Distribution Amplifier
2. Type of Signals : VGA (RGBHV) via HD-15p via HD-15P female connectors
3. Large Signal Bandwidth 440MHz, G=+2
4. Small signal Bandwidth 1GHz (-3dB) G=+1
5. Settling Time 10 ns to 0.1%, 2 V Step, G=+2
6. Scan rates accepted : 50Hz or 60Hz
7. Support High HD resolutions for VGA, SVGA, XGA, UXGA, WUXGA 1920x1200
8. Goods Video Specifications Gain Flatness 0.1 dB to 75 Mhz
9. Color Control : EQ and LEVEL adjust via 2x 1K Ohms VR on front panel
10. Safety approvals : CE, FCC, RoHS(2002/95/EC)
11. Enclosure type : Support 19" Ear rack mount pair for 1RU mountable
12. Dimensions(LxWxH) : 6.93" (176mm) x 3.15"(80mm) x 1.0"(27mm)
13. Net Weight (Unit Only) : About 960 gwm (with metal case)
14. Power Supply : DC12V, 0.42A.

Made in Taiwan