

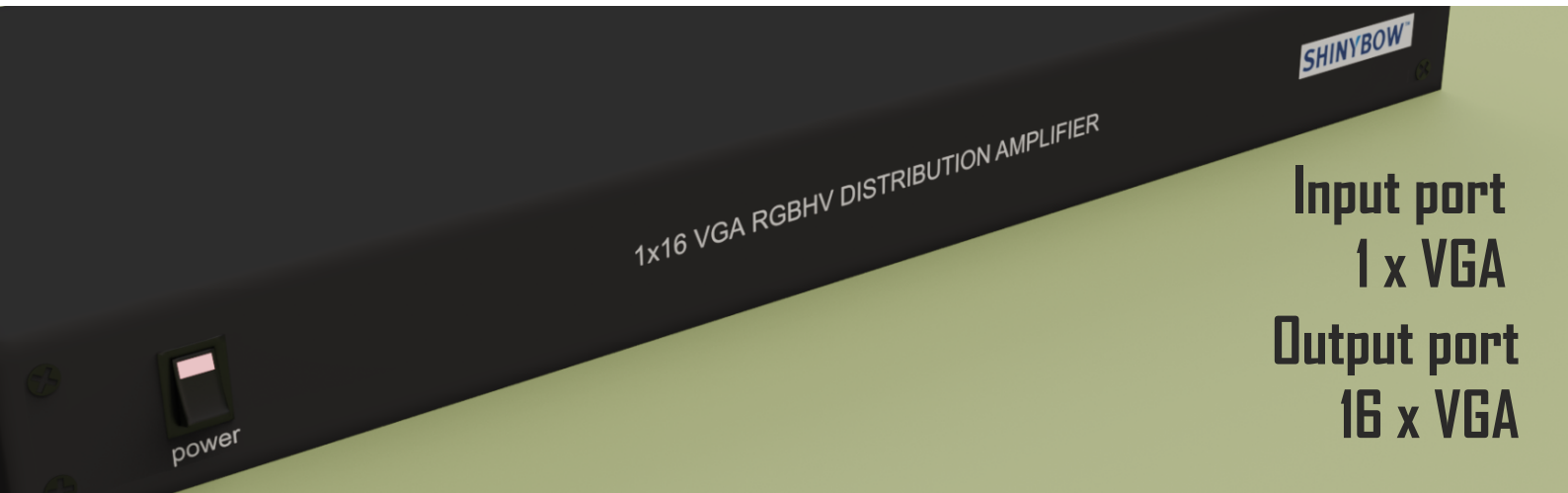


DESCRIPTION

SB-1116 is a 1 Input To 16 Outputs for VGA (RGBHV) signals distribution amplifier respectively. For HD high resolution VGA (640×480), SVGA(800×600), XGA(1024×768), SXGA(1280×1024) UXGA(1600×1200), WUXGA(1920×1200) 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 545ps, 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 at distances up to 150 feet away without signal deterioration. Signal quality is main-tained over a wide bandwidth with worst-case distortion of -40dBc @ 250MHz (G=+10, 1Vp-p). Input and output connectors are HD-15 female type. Support wall mountable metal cases, 1RU high. All units are +12VDC powered and the universal switching power 100~240VAC 50/60Hz adaptor is included.

SPECIFICATION

Type of Amplifier	:	1 input to 16 outputs VGA Distribution Amplifier
Type of Signals	:	VGA (RGBHV) via HD-15p via HD-15P female connectors
Large Signal Bandwidth	:	440MHz, G=+2
Small signal Bandwidth	:	1GHz (-3dB) G=+1
Settling Time	:	10 ns to 0.1%, 2 V Step, G=+2
Scan rates accepted	:	50Hz or 60Hz
Resolutions	:	VGA, SVGA, XGA, UXGA, WUXGA 1920x1200
Safety approvals	:	CE, FCC, Erp, WEEE
Enclosure type	:	Support 19" ear rackmount pair for 1RU mountable
Dimension (WxDxH)	:	17.32" x 7.80" x 1.73" (440mm x 200mm x 44mm)
Weight	:	2.45 kg / 5.4 lb
Power Supply	:	Universal switching 100~240VAC, 50/60Hz, DC12V,1.25A



Input port
1 x VGA
Output port
16 x VGA

resolutions

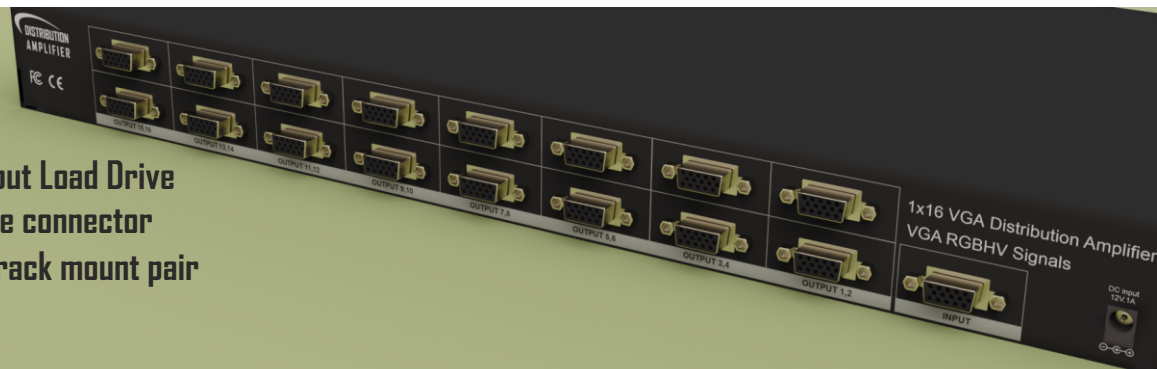
480p, 720p, 1080i and 1080p

High Output Drive 175 mA Output Load Drive

9.Terminal via HDdBI5P Female connector

10.Enclosure Support 19" Ear rack mount pair

1RU 19" rack mountable



Webpage



Youtube

