

## SB-1110

2x1:8 VGA Switcher Distribution Amplifier

Input : 2x VGA (RGBHV)  
Output : 8x VGA (RGBHV)

VGA AUDIO SWITCHER

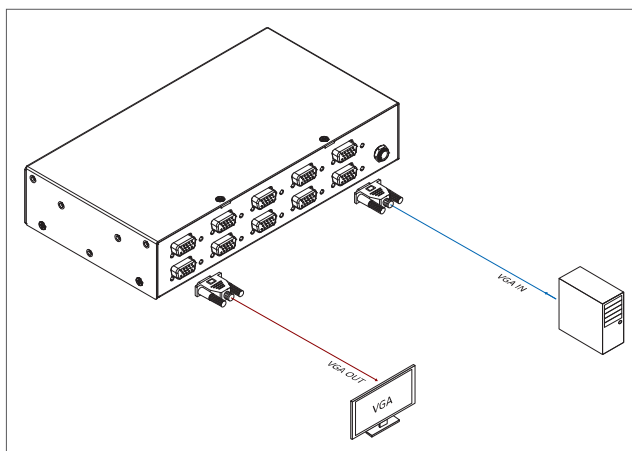


### INTRODUCTION

SB-1110 is a high speed Video Bandwidth 310MHz, Maximum 380MHz VGA Routing switcher distribution amplifier product. It's one of the most innovative VGA switching product. There's 2 individual inputs with 8 individual outputs, any input may be routed to any outputs. It completely eliminates the need to constantly move around VGA input and output cables. This switcher distribution amplifier is suited to full HD LCD Television or Plasma display monitor applications. Control is provided via direct selection front push buttons with LED readout.

05

### DIAGRAM TYPICAL



### FEATURES

01. Support 2 inputs to 8 outputs VGA Switcher Distribution Amplifier
02. Support PC Resolution VGA (640x480), SVGA (800x600), XGA (1024x768), SXGA (1280x1024), UXGA (1600x1200), WUXGA (1920x1200)
03. Video Bandwidth : 380MHz (-3dB), 200 mVp-p
04. Excellent Video(VGA-RGBHV) and Stereo Audio Performance
05. Low all hostile crosstalk of -83dB @ 5MHz
06. Excellent ESD rating : exceeds 4000 V
07. Switching RGBHV in LCD monitors and plasma displays
08. Suitable for full HD high resolution Video player device and LCD/Plasma monitor displays
09. Direct selection and confirm via front push buttons with LED readout
10. Support Lower power consumed full load under 550 mA
11. Power supply offer a universal type 100~240 VAC switch

### SPECIFICATIONS

Type of switcher	2 inputs to 8 outputs VGA Switcher Distribution Amplifier
Video Bandwidth	380MHz, (-3dB) 200 mV p-p, 310MHz, (-3dB) 2V p-p, R=325MHz, G=325MHz, B=325MHz, H=110MHz, V=110MHz
Gain Flatness	90MHz, 0.1dB
Differential Gain Error	0.01%, 0.1dB
Differential Phase Error	0.02, 0.1dB (RL=150W)
Fast settling time	15ns To 0.1%
All Hostile Crosstalk	-84dB @ 5MHz, -54dB @ 50MHz
Channel Crosstalk	-56dB @ 100MHz
Slew Rate	1000 V/us, G=+1,2 V Step
High OFF Isolation	-100dB@10MHz
Output Current	100 mA
Low power CMOS	550 uA Quiescent Current
Controls	front panel selection buttons with LED readout
Safety Approvals	CE, FCC, VCCI, Erp, WEEE
Dimension (WxDxH)	8.66" x 4.48" x 1.73" (220mm x 114mm x 44mm)
Weight	0.85 kg / 1.87 lb
Power Supply	DC 12V, @0.5A (World Wide Universal AC 100~240V 50/60Hz)