

2:1:8 VGA Distribution Amplifier

8x VGA (RGBHV) Distribution Amplifier with 2 ways VGA inputs + IR Remote Control

SB-1110



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.

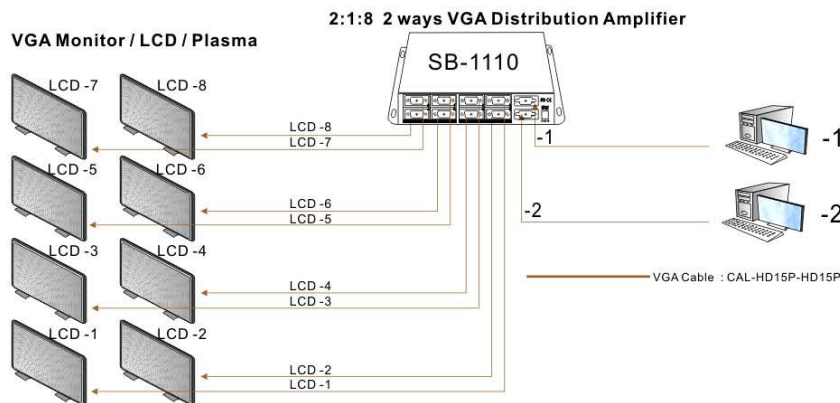
Key Features

- Support 2 inputs to 8 outputs VGA Distribution Amplifier
- 2 x 8 high speed nonblocking switch arrays
- Complete solution. Buffered inputs. Eight output amplifier
- Video Bandwidth : 380MHz (-3dB), 200 mVp-p
- Excellent Video Performance
- Low power of 45mA
- Low all hostile crosstalk of -83 dB @ 5 Mhz
- Excellent ESD rating : exceeds 4000 V
- Switching RGBHV in LCD monitors and plasma VGA displays monitors
- Suitable for XGA, SXGA, UXGA, WUXGA(1920x1200) resolution displays
- Front pushbuttons with LED readout
- Infrared : IR remote control (38KHz)
- Enclosure type : Support wall mount
- Support Lower power consumed full load under 450 mA

Specifications

Type of switcher	2 ways 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

Installing



Order Information

Item Number	Accessories (Packaged)	Part Number	Accessories (non - Packaged)
• SB-1110	4:4 VGA Matrix Switcher	• CAL-HD15P-15P	VGA Cable: HD15P-HD15P Male
• MPA-SW1200EUR	Switch Adaptor : 12VDC, @800mA.		