

## SB-4144 4x4 VGA-AUDIO MATRIX SWITCHER

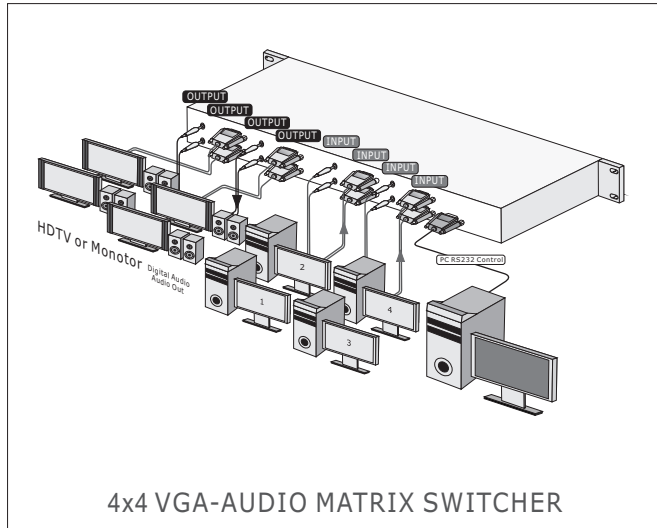
VGA AUDIO MATRIX SWITCHER PRO

Inputs : 4x VGA(GBHV), 4x STEREO AUDIO (AR/AL)  
Outputs : 4x VGA(GBHV), 4x STEREO AUDIO (AR/AL)



Ear Rack : 1U-440L

### SB-4144 VGA-AUDIO MATRIX SWITCHER 4x4



4x4 VGA-AUDIO MATRIX SWITCHER

SB-4144 is a high speed Video Bandwidth 310MHz, Maximum 380MHz VGA and Audio Matrix switcher product. Its one of the most innovative VGA/RGBHV and STEREO AUDIO (AR/AL) switching products on the market Today. Support 19 inch Ear mount pair part number #1U-440L and MRM is 19 inch Rack mount type. It has 4 individual inputs with 4 individual outputs. Because it is a matrix router, any input may be routed to any output; or the same input may be routed to all outputs or any combination. It completely eliminates the need to constantly move around VGA and Stereo Audio input and output cables. This matrix switcher is ideally suited for full HD High Definition LCD Television or Plasma display monitor applications. Control is provided via Front pushbuttons with LED readout or IR remote controller. A RS232 interface is provided for interfacing with third party control. A Windows-based control software package is included to provide complete control of the SB-4144 from a PC.

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#### FEATURES

- Support 4 inputs to 4 outputs VGA/Audio Matrix Switcher
- Support PC Resolution VGA (640x480), SVGA (800x600), XGA (1024x768), SXGA (1280x1024), UXGA (1600x1200), WUXGA (1900x1200)
- Video Bandwidth : 380MHz (-3dB), 200 mVp-p
- Excellent Video(VGA-RGBHV) and Stereo Audio Performance
- Audio Frequency Respond : 20Hz ~ 20KHz
- Low all hostile crosstalk of -83 dB @ 5 Mhz
- Excellent ESD rating : exceeds 4000 V
- Switching RGBHV in LCD monitors and plasma displays
- Suitable for full HD high resolution Video player device and LCD/Prasma monitor displays
- Direct selection and confirm via Front pushbuttons with LED readout
- Infrared : IR remote control (38KHz)
- Support RS 232 interface control driver for 95/98/2000/xp  
A Windows-based control software Driver packaged
- RS 232 protocol list with manual attached
- Enclosure type : Support 19 inch Ear & Rack mountable pane
- Support Lower power consumed full load under 550 mA
- Power supply offer a universal type 100~230 VAC switch

#### SPECIFICATIONS

Type of switcher : 4 inputs to 4 outputs VGA Matrix Switcher  
Video Bandwidth : 380MHz, (-3 dB) 200 mV p-p, 310MHz, (-3 dB) 2V p-p  
R=325MHz, G=325MHz, B=325MHz, H=110MHz, V=110MHz  
Audio Bandwidth : 60MHz, (-3dB) (Audio-Right=60MHz, Audio-Left=60MHz)  
Audio Frequency Respond : 20Hz ~ 20KHz  
Gain Flatness : 90 Mhz , 0.1 dB  
Differential Gain Error : 0.01%, 0.1 dB  
Differential Phase Error : 0.02 , 0.1 dB (RL=150 Ω)  
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/us, G=+1,2 V Step  
High OFF Isolation : -100 dB@10MHz  
Output Current : 100 mA  
Low power CMOS : 550 uA Quiescent Current  
Controls : IR Remote Controller(38KHz), Front panel selection buttons with LED readout and RS232 PC control  
Safety Approvals : CE, FCC, RoHS(2002/95/EC)  
Dimensions (W.D.H.) : 17.32" (440mm) x 7.80" (200mm) x 1.73" (44mm)  
Net Weight (Unit Only) : About 2550 gwm (with metal case)  
Power Voltage Input : DC 12V @ 2A