SB-8180LCM

8x8 VGA MATRIX SWITCHER

VGA MATRIX SWITCHER PRO

Inputs : 8x VGA(RGBHV)
Outputs : 8x VGA(RGBHV)



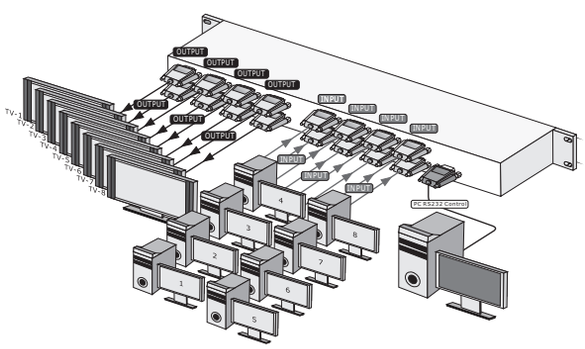


Ear Rack: 1U-440L

INTRODUCTION

SB-8180LCM is a high speed Video Bandwidth 310MHz, Maximum 380Mhz VGA Matrix switcher product. Its one of the most innovative VGA/RGBHV switching product on the market Today. Support 19 inch Ear mount pair part number #1U-440L and MRM is 19 inch Rack mount type. It has 8 individual inputs with 8 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 input and output cables. This matrix switcher is ideally suited for full HD High Definition LCD TV or Plasma display monitor applications. Control is provided via Front push buttons 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-8180 from a PC.

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FEATURES

1. Support 8 inputs to 8 outputs VGA Matrix Switcher
2. Support PC Resolution VGA (640x480), SVGA (800x600), XGA (1024x768), SXGA (1280x1024), UXGA (1600x1200), WUXGA (1900x1200)
3. Video Bandwidth : 380MHz (-3dB), 200 mVp-p
4. Excellent Video(VGA-RGBHV) and Stereo Audio Performance
5. Low all hostile crosstalk of -83 dB @ 5 Mhz
6. Excellent ESD rating : exceeds 4000 V
7. Switching RGBHV in LCD monitors and plasma displays
8. Suitable for full HD high resolution Video player device and LCD/Plasma monitor displays
9. Direct selection and confirm via Front pushbuttons with LED readout
10. Infrared : IR remote control (38KHz)
11. Support RS 232 interface control driver for 95/98/2000/xp
    A Windows-based control software Driver packaged
12. RS 232 protocol list with manual attached
13. Enclosure type : Support 19 inch Ear & Rack mountable panel
14. Support Lower power consumed full load under 550 mA
15. Power supply offer a universal type 100~240 VAC switch

SPECIFICATIONS

Type of switcher : 8 inputs to 8 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
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/ʯs, 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 3.43" (88mm)
Net Weight (Unit Only) : About 2050 gwm (with metal case)
Power Voltage Input : DC 12V @ 2A

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