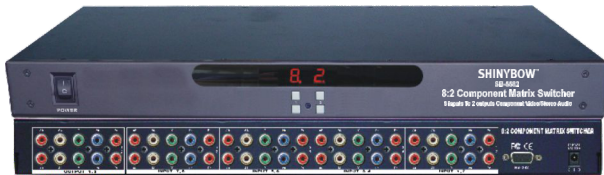


## SB-5582

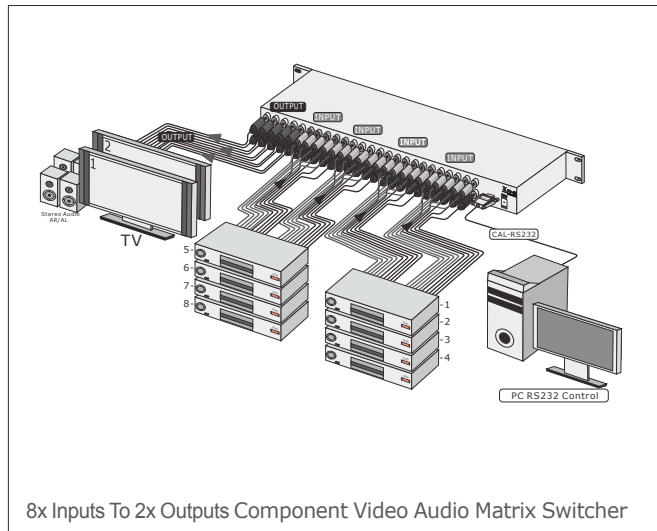
### 8x2 COMPONENT • AUDIO MATRIX SWITCHER

COMPONENT AUDIO MATRIX PRO

Inputs : 8x COMPONENT(YPbPr), STEREO AUDIO (AR/AL)  
Outputs : 2x COMPONENT(YPbPr), STEREO AUDIO (AR/AL)



#### SB-5582 COMPONENT / AUDIO MATRIX SWITCHER 8x2



SB-5582 is a high speed Video Bandwidth 325MHz, Maximum 380MHz Matrix router switcher product. Its one of the most innovative Component Video(YPBPR), 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 1RU Rack mount type. It has 8 individual inputs with 2 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 Component Video, Digital Audio and Stereo Audio input and output cables. This matrix switcher is ideally suited for full HD High Definition LCD HDTV Television for resolution 480p, 720p 1080i and 1080p 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-5582 from a PC.

06

#### FEATURES

1. Support 8 inputs to 2 outputs Component Video Audio Matrix Switcher
2. Support HDTV Resolution 480i, 480p, 576p, 720p, 1080i and 1080p
3. Video Bandwidth : 325MHz (-3dB), 200 mVp-p
4. Excellent Video(Component), Digital Audio and Stereo Audio Performance
5. Audio Frequency Respond : 20Hz ~ 20KHz
6. Low all hostile crosstalk of -83 dB @ 5 Mhz
7. Excellent ESD rating : exceeds 4000 V
8. Switching Component Video YPBPR and Stereo Audio signals
9. Suitable for full HD high resolution Video player device and LCD/Prasma monitor displays
10. Direct selection and confirm via Front pushbuttons with LED readout
11. Infrared : IR remote control (38KHz)
12. Support RS 232 interface control driver for 95/98/2000/xp  
A Windows-based control software Driver packaged
13. RS 232 protocol list with manual attached
14. Enclosure type : Support 19 inch Ear & 1RU Rack mountable pane
15. Support Lower power consumed full load under 800 mA
16. Power supply offer a universal type 100~230 VAC switch

#### SPECIFICATIONS

1. Type of switcher : 8 inputs to 2 outputs Component Video Audio Matrix Switcher
2. Video Bandwidth : 325MHz, (-3 dB) 200 mV p-p, 380MHz, (-3 dB) 2V p-p,  
R=325MHz, G=325MHz, B=325MHz, Digital=110MHz, Audio=60MHz
3. Audio Bandwidth : 60MHz, (-3dB) (Audio-Right=60MHz, Audio-Lift=60MHz)
4. Audio Frequency Respond :20Hz ~20KHz
5. Gain Flatness : 90 Mhz , 0.1 dB
6. Differential Gain Error : 0.01%, 0.1 dB
7. Differential Phase Error : 0.02 , 0.1 dB (RL=150 Ω)
8. Fast settling time: 15ns To 0.1%
9. All Hostile Crosstalk : -84 db @ 5 MHz, -54 dB @ 50 MHz
10. Channel Crosstalk : -56 db @ 100 Mhz
11. Slew Rate : 1000 V/us, G=+1,2 V Step
12. High OFF Isolation : -100 dB@10MHz
13. Output Current : 100 mA
14. Low power CMOS : 550 uA Quiescent Current
15. Controls : IR Remote Controller(38KHz), Front panel selection buttons with LED readout and RS232 PC control
16. Safety Approvals : CE, FCC, RoHS(2002/95/EC)
17. Dimensions (W.D.H.) : 17.32" (440mm) x 7.80" (200mm) x 1.73" (44mm)
18. Net Weight (Unit Only) : About 1940 gwm (with metal case)
19. Power Voltage Input : DC 12V @ 2A