

SB-5588LCM

8x8 Component · Digital · Audio Matrix Switcher

Input : 8x Component Video (YPbPr) / Digital Audio (PCM) / Stereo Audio (AR/AL)
 Output : 8x Component Video (YPbPr) / Digital Audio (PCM) / Stereo Audio (AR/AL)

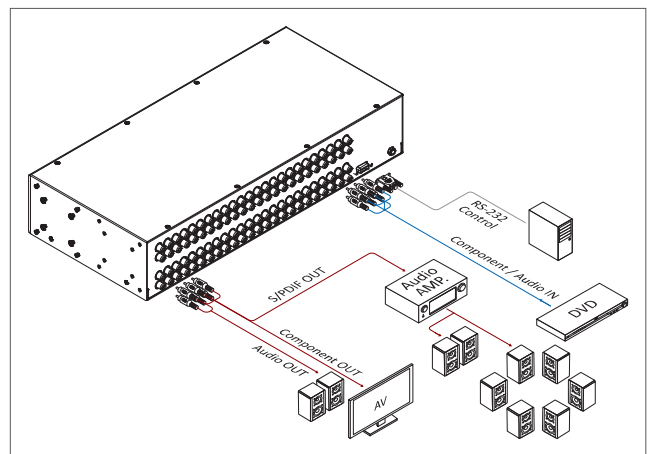
COMPONENT MATRIX PRO
 VOLUME BALANCE



INTRODUCTION

SB-5588 is a high speed Video Bandwidth 325MHz Matrix Router Switcher product. It's one of the most innovative Component Video (YPbPr), Digital Audio (PCM) and Stereo Audio (AR/AL) switching products on the market today. Stereo Audio output support the Volume control (+0~+100 levels) and Balance adjusting (L=0~50, R=51~100) function. Support 19 inch Ear mount pair part number #2U-440L. 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 Component Video, Digital Audio and Stereo Audio input and output cables. This matrix switcher is ideally suited for full HDTV for the resolution of 480p, 720p. Control is provided via front pushbuttons with LED readout or IR remote controller. A RS-232 interface is provided for interfacing with third party control. A Windows-based control software package is included to provide complete control of the SB-5588 from a PC.

DIAGRAM TYPICAL



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FEATURES

01. Support 8 inputs to 8 outputs Component-Digital-Audio Matrix Switcher
02. Support HDTV Resolution 480i, 480p, 576p, 720p
03. Video Bandwidth : 250MHz (-3dB), 200 mVp-p
04. Excellent Video(Component), Digital Audio and Stereo Audio Performance
05. Audio Frequency Respond : 20Hz ~ 20KHz
06. Stereo Audio output support Volume (+0~+100 levels) and Balance (L50~R50) control function.
07. Low all hostile crosstalk of -83dB @ 5MHz
08. Excellent ESD rating : exceeds 4000 V human body model
09. Switching Component Video YPbPr, Digital Audio (PCM) and Audio signals
10. Suitable for full HD high resolution Video player device and LCD/Plasma monitor displays
11. Direct selection and confirm via Front pushbuttons with LED readout
12. Infrared : IR remote control (38KHz)
13. Support RS-232 interface control driver for 95/98/2000/xp A Windows-based control software Driver packaged
14. RS-232 protocol list with manual attached
15. Enclosure type : Support 19 inch Ear & 2RU Rack mountable pane
16. Support Lower power consumed full load under 1500 mA
17. Power supply offer a universal type 100~240 VAC switch

SPECIFICATIONS

Type of switcher	8 inputs to 8 outputs Component-Digital-Audio Matrix Switcher
Video Bandwidth	250MHz, (-3dB) 200 mV p-p, 380MHz, (-3dB) 2V p-p, R=325MHz, G=325MHz, B=325MHz, Digital=110MHz, Audio=60MHz
Audio Bandwidth	60MHz, (-3dB) (Audio-Right=60MHz, Audio-Left=60MHz)
Audio Frequency Respond	20Hz ~ 20KHz
Audio Volume control	+0 ~ +100 levels (+6db)
Audio Balance control	L=+0 ~ +50, R=+51 ~ +100
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	-83dB @ 5MHz, -54dB @ 50MHz
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	IR Remote Controller (38KHz), Front panel selection buttons with LED readout and RS-232 PC control
Safety Approvals	CE, FCC, VCCI
Rack Mount Bracket	19 inch 2U High Rack Mount Bracket (2U-440L)
Dimension (WxDxH)	17.4" x 9.96" x 1.73" (442mm x 253mm x 88mm)
Weight	3.25 kg / 7.16 lb
Power Supply	DC 12V, @2A (World Wide Universal AC 100~240V 50/60Hz)