

# SB-8804LCM

8x8 Digital · Video · Audio Matrix Switcher

Input : 8x Digital Audio (S/PDIF) or Composite Video, Stereo Audio (AR/AL)  
 Output : 8x Digital Audio (S/PDIF) or Composite Video, Stereo Audio (AR/AL)

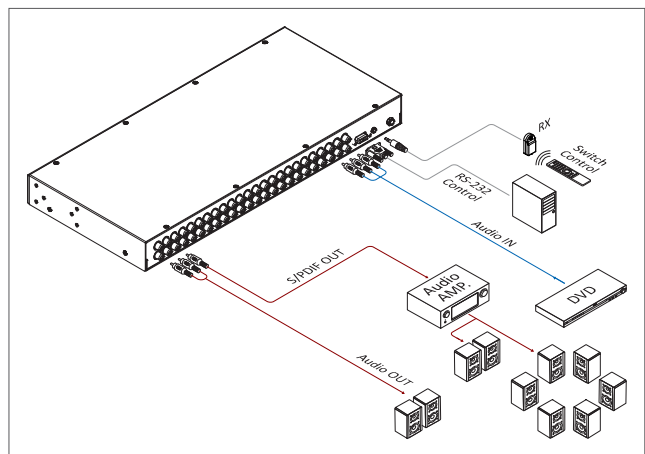
VOLUME SWITCHER MATRIX PRO  
 BALANCE DIGITAL VIDEO AUDIO



## INTRODUCTION

SB-8804LCM is a high speed Audio Matrix Switcher with 300MHz video Bandwidth, Maximum 325MHz. This product is applicable for both Digital Audio (S/PDIF) and Video (Composite Video) and Stereo Audio (AR/AL) signals switching. Stereo Audio output support Volume(+0~+100 levels) and Balance (L50~R50) control function. As an matrix switcher, 8 individual inputs can be routed to any 8 individual outputs, which completely eliminates the need to constantly move around cable. It is ideal for switching audio signals from VCRs, Camcorders, Video Game Console, Video CDs, DVDs, Satellite Receivers, CATV Set-Top Box, High Definition LCD TV, Plasma display monitor, and Audio Amplifier applications. Control is provided via front push buttons with LCM 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-8804LCM from a PC. The console support 19 inch ear mount pair (part number #1U-440L), which is easy for installation.

## DIAGRAM TYPICAL



## FEATURES

01. Support 8 inputs to 8 outputs Digital/Video-Audio Matrix Switcher
02. Support Digital Audio-S/PDIF (or Composite Video) and Stereo Audio (AR/AL)
03. Digital Audio Bandwidth : 300MHz (-3dB)
04. Excellent Audio switch with Digital Audio (S/PDIF) 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. Suitable for switching Audio Sources from HD high resolution Video player device To LCD/Plasma monitor display's Audio or Audio Amplifier
08. Direct selection via front push buttons with LED readout
09. Provide IR remote control (38KHz) and IR Extender (Maximum 300M) Support RS 232 interface control driver for 95/98/2000/xp
10. A Windows-based control software Driver is included in the package
11. Support Audio 1~8 Outputs with Volume adjustable
12. Wall mounted Far Rack included
13. Support lower power consumed full load under 1200 mA
14. Power supply offer a universal type 100~240 VAC switch

## SPECIFICATIONS

Type of switcher	8x8 Digital / Video-Audio Matrix Switcher
Type of Signals	Digital (S/PDIF) or Composite Video and Stereo Audio (AR/AL)
Audio Bandwidth	Digital Audio = 300MHz, (-3dB), Audio=60MHz
Audio Frequency Respond	20Hz ~ 20KHz
Audio Volume control	+0 ~ +100 levels (+6db)
Audio Balance control	L=+0 ~ +50, R=+51 ~ +100
Differential Phase Error	0.02 , 0.1 dB (RL=150)
Fast settling time	15ns To 0.1%
All Hostile Crosstalk	-84db @ 5MHz, -54db @ 50MHz
Channel Crosstalk	-56db @ 100MHz
Slew Rate	1000 V/us, G=+1,2 V Step
High OFF Isolation	-100dB @ 10MHz
Low quiescent current	<20uA
Controls	IR Remote Controller (38KHz), Front panel selection buttons with LED readout and RS-232 PC control
Safety Approvals	CE, FCC, VCCI, Erp, WEEE
Rack Mount Bracket	19 inch 1U High Rack Mount Bracket (1U-440L)
Dimension (WxDxH)	17.4" x 9.96" x 1.73" (442mm x 253mm x 44mm)
Weight	2.5 kg / 5.51 lb
Power Supply	DC 12V, @2A (World Wide Universal AC 100~240V 50/60Hz)