SB-5526
4x2 Component · Digital · Optical · Audio Matrix Switcher

Input   : 4x Component Video (YPbPr) / Digital Audio (PCM) / Optical (Toslink) / Stereo Audio (AR/AL)
Output : 2x Component Video (YPbPr) / Digital Audio (PCM) / Optical (Toslink) / Stereo Audio (AR/AL)
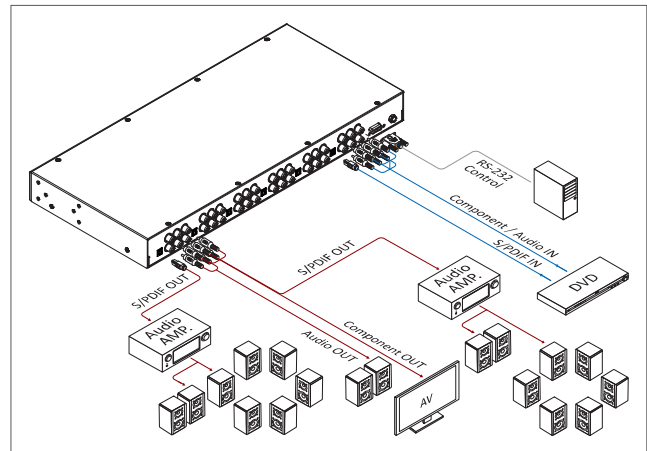
MATRIX   PRO

Ear Rack : 1U-440L

INTRODUCTION

SB-5526 is a high speed Video Bandwidth 325MHz Maximum 380MHz Matrix Router Switcher product. It's one of the most innovative Component Video (YPbPr) Digital Audio(PCM), Optical(Toslink) and Stereo Audio(AR/AL) Switching products on the market today. Support 19 inch Ear mount pair part number #1U-440L. It has 4 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 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-5526 from a PC.

DIAGRAM TYPICAL

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FEATURES

01. Support 4 inputs to 2 outputs Component-Digital-Optical-Audio Matrix Switcher
02. Support HDTV Resolution 480i, 480p, 576p, 720p
03. Video Bandwidth : 325MHz (-3dB), 200 mVp-p
04. Excellent Video(Component), Digital Audio, Optical and Audio Performance
05. Audio Frequency Respond : 20Hz ~ 20KHz
06. Low all hostile crosstalk of -83dB @ 5MHz
07. Excellent ESD rating : exceeds 4000 V
08. Switching Component Video YPbPr, Digital Audio(PCM) and Audio signals
09. Suitable for full HD high resolution Video player device and LCD/Plasma 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 1500 mA
16. Power supply offer a universal type 100~240 VAC switch

SPECIFICATIONS

Type of Switcher	4 x 2 Component Video/Optical/Digital Audio and Stereo Audio Matrix Switcher
Type of Signal	Component Video/Optical/Digital Audio and Stereo Audio connectors
Complete Solution	Fully Buffered inputs and outputs
Channel switching	15ns
Scan rates accepted	50Hz or 60Hz
Video Performance	90MHz 0.1dB Gain Flatness, 0.01% Differential Gain Error
Differential Phase Error	0.02, 0.1dB (RL=150)
Video Bandwidth	380MHz, (-3dB) 200mVp-p, 310MHz (-3dB) 2Vp-p
High resolution	Refresh for HDTV 408p, 576p, 720p, 1080i60, 1080p60
Digital Bandwidth	110MHz
Audio Frequency Respond	20Hz~20KHz, +0.05dB
Slew rate	1000 V/us
OFF isolation	-100dB @ 10MHz
All Hostile Crosstalk	-84dB @ 5MHz, -54dB @ 50MHz
Digital	Coaxial (S/PDIF) Digital Audio (PCM) 10Mbps
Optical (S/PDIF) in/out	Toslink (PS:OC3=STM1=155.52 Mbps)
Controls	IR remote controller, front pressed buttons with LED readout, RS-232
Safety approvals	CE, FCC, VCCI
Rack Mount Bracket	19 inch 1U High Rack Mount Bracket (1U-440L)
Dimension (WxDxH)	17.4" x 7.87" x 1.73" (442mm x 200mm x 44mm)
Weight	2.4 kg / 5.29 lb
Power Supply	DC 12V, @1.25A (World Wide Universal AC 100~240V 50/60Hz)