

## SB-5544

### 4x4 AV Matrix Switcher

Input : 4x Composite Video, Stereo Audio (AR/AL)  
 Output : 4x Composite Video, Stereo Audio (AR/AL)

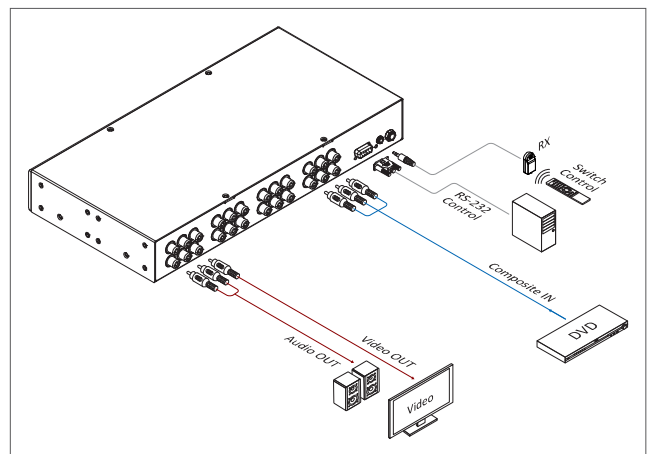
MATRIX PRO AUDIO VIDEO



### INTRODUCTION

SB-5544 support (4) Inputs to (4) Outputs signals Composite Video & Stereo Audio Matrix Router Switch. The Video Bandwidth is 450MHz and support LCM display show out the status. Its one of the most innovative Composite Video and Stereo Audio (AR/AL) Matrix Switching product on the market today. Support 19 inch Ear mount pair part number #1U-300L and MRM is full 19 inch 1RU Rack mount part type. It has (4) individual inputs with (4) individual outputs. Because it is a Matrix Switcher, so any input may be routed to any output. It completely eliminates the need to constantly move around Composite Video and Stereo Audio input and output cables. This switcher is ideally suited for full High Definition LCD HDTV Television for NTSC 50/60Hz and PAL 50/60Hz TV system or HD Plasma display monitor resolution applications. Support world wide control functions: ALL/OFF/RECALL/ENTER/MEMORY/EDID/LOCK, Control is provided via front panel push buttons, IR remote or RS-232. A RS-232 Windows GUI interface is provided for matrix routing control (Windows only).

### DIAGRAM TYPICAL



### FEATURES

01. Supports 4x inputs to 4x outputs A/V (Composite Video-Audio) Matrix Switcher
02. Input/Output signals via Composite Video & Stereo Audio(AR/AL)
03. Higher Video Bandwidth 450MB each path signals
04. Supported selection buttons direct channel on front panel
05. Audio support Stereo Audio (AR/AL)
06. Various User Interface controls :
  - Windows based GUI control via RS-232 port
  - Front Panel push button
  - IR wireless remote controller
  - Third party RS-232 controller (via simple ASCII)
07. Wall mounted Ear Rack included
08. Power supply DC12Volt, Universal Type Switch 100~240VAC, 50/60Hz

### SPECIFICATIONS

Type of AV Switcher	4 in To 4 out, A/V (Composite Video-Audio) Matrix Switcher
Video support	Composite Video 0.5~1.0Vpp, 75 Ohms, RCA connector, 4x Video (Composite Video) use BNC connectors
Audio support	Stereo Audio (AR/AL), Via 2x RCA connector (Red/white) 4x Audio (Stereo Audio) use RCA connectors
Video Bandwidth	450MHz (-3db), 200mVp-p, Higher resolution formats
Audio Bandwidth	60MHz, (-3db), Audio-R60MHz, Audio-L 60MHz
Audio Frequency	Respond 20Hz ~20KHz
Low all hostile crosstalk	-56dB @ 5MHz, -45dB @ 50MHz
Gain control	60MHz 0.1dB gain flatness
Scan Rates Accepted	50Hz or 60Hz
Switch Controls	1x Select & Function buttons on front panel (Data status via LCM panel show out) 1x IR Remote Controller (switch control) 1x RS-232 series interface (switch control)
Infrared Frequency	38 KHz
IR External Distance	~984 feet / 300 meters maximum
AV I/O Connector	Video : RCA, Audio : RCA connector
Safety Approvals	CE, FCC, VCCI, Erp, WEEE
Rack Mount Bracket	19 inch 1U High Rack Mount Bracket (1U-300L)
Dimension (WxDxH)	11.9" x 6.06" x 1.73" (304mm x 154mm x 44mm)
Weight	1.4 kg / 3.08 lb
Power Supply	DC 12V, @1.25A (World Wide Universal AC 100~240V 50/60Hz)