SB-5544

4X4 AV MATRIX SWITCHER

CONTROLS VIA FRONT PANEL SELECT BUTTONS, IR EXTEND AND RS-232



INPUTS: 4X COMPOSITE VIDEO, 4X STEREO AUDIO (AR/AL)

OUTPUTS: 4X COMPOSITE VIDEO, 4X STEREO AUDIO (AR/AL)

EAR RACK: 1U-300L





INTRODUCTION

The SB-5544 is a true Matrix Routing Switcher for Composite Video and Stereo Audio signals. It has (4) individual AV inputs with (4) individual AV 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 audio and video input and output cables. The SB-5544 is useful for routing signals from AV source devices (such as: VCRs, Camcorders, Video Game Consoles, Video CDs, DVDs, Satellite Receivers, CAT5 Set Top Boxes, etc .) to AV destination devices (such as: VCRs, DVD-Rs, TV Sets, Video Projectors, etc.). 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. Supports 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).

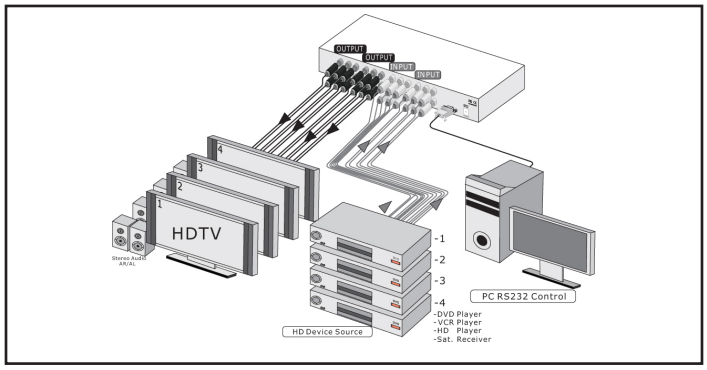
FEATURES

- Supports 4x inputs to 4x outputs A/V (Composite Video-Audio) Matrix Switcher
- Input/Output signals via Composite Video & Stereo Audio(AR/AL)
- Higher Video Bandwidth 450MB each path signals
- Supported selection buttons direct channel on front panel
- Video support Composite Video switch the NTSC or PAL TV system
- Audio support Stereo Audio (AR/AL)
- Supported RS-232 serial interface protocol commands list
- Control PC RS-232 Drive compatible with win-95/98/2000/xp
- 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)
- Supports desktop with ear mount and 19 inch 1U Rack mountable type panel
- Power supply DC12Volt, Universal Type Switch 100~240VAC, 50/60HzC

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 connectorsComplete Solution: Fully Buffered inputs and outputs
- 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 Response: 20Hz ~20KHz
- Low Hostile Crosstalk: -56dB@5MHz, -45dB@50MHz
- Gain Control: 60MHz 0.1 db 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
- Dimensions (LxWxH): 11.97 x 5.95 x 1.73 in (304x150x44mm)
- Rack Mount: 1RU High 19" Rack Mount #1U-300L (with rack mount)
- Net Weight (Unit Only) : 1.4 Kgs / 3.09 lb
- Power Supply : DC12V / 2A (consumption 1000mA), Use Universal Type 50/60Hz,100~240 VAC

EXAMPLE



4X4 A/V MATRIX SWITCHER