SB-5544BNC

4X4 AV MATRIX SWITCHER



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

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

EAR RACK: 1U-440L





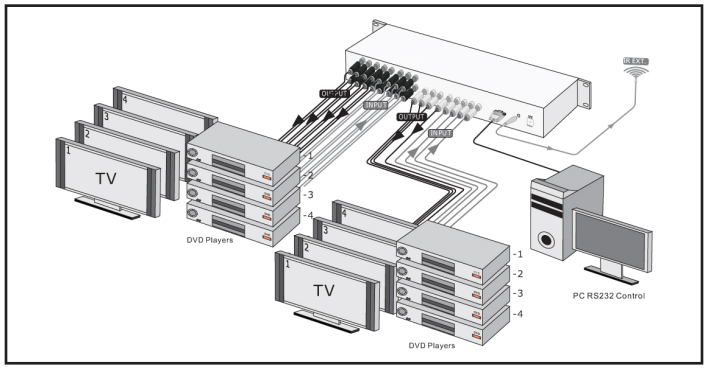
INTRODUCTION

SB-5544-BNC supported (4) inputs to (4) outputs signals Composite Video & Stereo Audio Matrix Router Switch. Composite Video use BNC and RCA for Audio connector. The Video Bandwidth is 450MHz and support LCM display show out the status. It's one of the most innovative Composite Video and Stereo Audio (AR/AL) Matrix Switching product on the market today. Supports 19 inch Ear mount pair part number #1U-440L 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. Supports world wide control functions:ALL/OFF/RECALL/ENTER/MEMORY/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

- 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 450MHz (13dB),200mVp-p, each path signals
- Audio Bandwidth 60MHz
- Audio Frequency Respond : 20Hz ~ 20KHz
- Supported selection buttons direct channel on front panel
- Video (BNC) 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)
- Support world wide (6)x control function keys: ALL / OFF / LOCK / RECALL / MEMORY / ENTER
- Support desktop with Ear mount and 19 inch 1U Rack mountable type panel
- Power supply DC12Volt, Universal Type Switch 100~240VAC, 50/60Hz

EXAMPLE



4X4 A/V MATRIX SWITCHER

SPECIFICATIONS

- Type of AV Switcher: (4) in To (4) out, A/V (Composite Video-Audio) Matrix Switcher
- Video Support :
  - Video : Composite Video 0.5~1.0Vpp, 75 Ohms, BNC 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 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 IR External port (switch control via 3.5mm OD Jack)
  - 1x RS-232 series interface (switch control)
- Source Status : Input status LEDs indicates presence of a live signal.
- (14) Function Control Keys 1.ALL, 2.OFF, 3.RECALL, 4.ENTER, 5.MEMORY, 6.LOCK, 7.Destination button (1) thru (4), 8.Source button (1) thru (4)
- Infrared Frequency : 38 KHz
- IR External Distance: ~984 feet / 300 meters maximum.
- AV I/O Connector: Video : BNC connector, Audio : RCA connector.
- Dimensions (LxWxH): 19 x 7.87 x 1.73 in (440x200x44mm)
- Rack Mount: 1RU High 19 "Rack Mount #1U-440L (with rack mount)
- Power Supply : DC12V / 2A (consumption 1000mA), Use Universal Type 50/60Hz,100~230 VAC
- Safety Approvals: CE, FCC, VCCI, Erp, WEEE
- Net Weight (Unit Only) : 2.45 Kgs / 4.09 lb