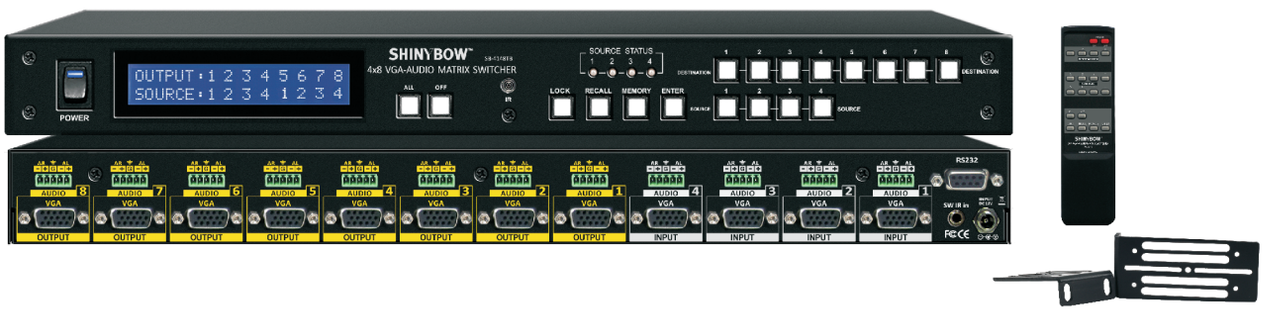
SB-4148TB

4x8 VGA-AUDIO MATRIX SWITCHER

VGA | AUDIO | MATRIX | Terminal Block | PRO

Inputs : 4x VGA(RGBHV), 4x STEREO AUDIO (Terminal Block 5-pins sockets)

Output : 8x VGA(RGBHV), 8x STEREO AUDIO (Terminal Block 5-pins sockets)

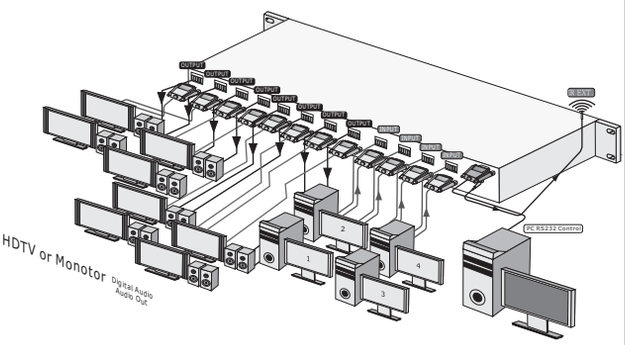


Ear Rack: 1U-440L

INTRODUCTION

SB-4148TB is a true (4) in To (8) out Matrix Switcher with high speed Video Bandwidth 425MHz, Maximum 450MHz, Audio Bandwidth 60MHz. Support signals for VGA and Audio product. It is an (4) individual VGA & Stereo Audio(AR/AL) inputs with (8) individual VGA(RGBHV) & Stereo Audio(use Terminal Block 5pins Female Sockets) outputs. Support 19 inch Ear mount pair part number #1U-440L and MRM is full 19 inch 1RU Rack mount part type. It support (4) individual inputs with (8) individual outputs. Because it is a matrix routing switcher, any inputs may be routed to any output. It completely eliminates the need to constantly move around VGA or Audio input and output cables. This switcher is ideally suited for full HD High Definition LCD TV, HD Television or HD Monitor for VGA (R,B,G,H,V) signals or full HD Plasma display monitor resolution applications. Support world wide (6) button function control keys: 1.ALL, 2.OFF, 3.RECALL, 4.ENTER, 5.MEMORY, 6.LOCK. Control is provided Front panel push buttons, IR remote or RS-232. A RS232 Windows GUI interface is provided for matrix routing control (Windows only).

SB-4148TB 4x8 VGA -Audio Matrix Switcher



4x8 VGA-AUDIO MATRIX SWITCHER

FEATURES

1. Support (4) inputs to (8) outputs VGA & Audio Matrix Switcher
2. Input signals via (4)x analog VGA (RGBHV) and Stereo Audio (Terminal Block 5pin Sockets)
3. Output signals via (8)x analog VGA (RGBHV) and Stereo Audio (Terminal Block 5pin Sockets)
4. Video Bandwidth 425MHz (-3dB), 200 mVp-p, maximum 450 MHz, each path signals
5. Audio Bandwidth 60MHz (Audio-Right = 60Mhz, Audio-Left = 60MHz)
6. Audio Frequency Response Range : 20Hz ~ 20KHz
7. Supported selection push buttons direct channel on front panel
8. Support PC Resolution VGA (640x480), SVGA (800x600), XGA (1024x768), SXGA (1280x1024), UXGA (1600x1200), WUXGA (1920x1200)
9. Low all hostile crosstalk of -83 dB @ 5 MHz
10. Excellent ESD rating : exceeds 4000 V
11. Various User Interface controls:
    - Windows based GUI control via RS232 port
    - Front Panel push buttons
    - IR wireless remote controller
    - IR External port (Switch Control)
    - Third party RS232 controller (via simple ASCII)
12. Compatible with full HD high resolution Video player device and LCD/Plasma monitor displays or Projector
13. Direct selection and confirm via Front push buttons with LED readout
14. Infrared : IR remote control (38KHz)
15. Support world wide (6)x control function keys:
    Front panel full controls: ALL / OFF / LOCK / RECALL / MEMORY / ENTER
16. Support RS232 interface control AP driver for PC 95/98/2000/xp
17. A Windows-based control software Driver packaged
18. Support desktop with Ear mount and 19 inch 1U Rack mountable type panel
19. Support Lower power consumed full load under 1250 mA
20. Power supply DC12Volt, Universal Type Switch 100~240VAC, 50/60Hz

SPECIFICATIONS

1.	Type of VGA switcher :	(4) inputs to (8) outputs VGA and Stereo Audio Matrix Switcher
2.	Video Support :	Analog VGA (75Ω), 1 Vp-p Output Signal (RGB) 0.7 Vp-p
3.	Resolution supports :	VGA, SVGA, XGA, SXGA, UXGA, WUXGA (1920x1200)
4.	Video Bandwidth :	VGA(RGBHV) : 425MHz, (-3 dB) 200 mV p-p, 450MHz, (-3 dB) 2V p-p R=425MHz, G=425MHz, B=425MHz, H=110MHz, V=110MHz
5.	Audio Frequency :	Response range : 20Hz ~ 20KHz
6.	Audio Bandwidth :	60MHz, (Audio-Right = 60MHz, Audio-Left = 60MHz)
7.	Input :	(4)x Video (VGA-RGBHV) use D-sub HD15P connectors (4)x Audio (Stereo Audio) use Terminal Block 5pin Sockets
8.	Output :	(8)x Video (VGA-RGBHV) use D-sub HD15P connectors (8)x Audio (Stereo Audio) use Terminal Block 5pin Sockets
9.	Source Status	Input status LEDs indicates presence of a live signal
10.	Gain Flatness :	90 Mhz , 0.1 dB
11.	Differential Gain Error :	0.01%, 0.1 dB
12.	Differential Phase Error :	0.02 , 0.1 dB (RL=150 W)
13.	Fast settling time:	15ns To 0.1%
14.	All Hostile Crosstalk :	-83 db @ 5 MHz, -54 dB @ 50 MHz
15.	Channel Crosstalk :	-56 db @ 100 MHz
16.	Slew Rate :	1000 V/us, G=+1,2 V Step
17.	High OFF Isolation :	-100 dB@10MHz
18.	Output Current :	100 mA
19.	Infrared Frequency :	38KHz
20.	IR External Distance:	~984 feet / 300 meters maximum.
21.	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) 1x RS 232 series interface (switch control)
22.	(18) Function key Control:	1.ALL, 2.OFF, 3.RECALL, 4.ENTER, 5.MEMORY, 6.LOCK, 7.Destination button (1) thru (8), 8.Source button (1) thru (4)
23.	Chassis Material :	Matal thin = 1 mm
24.	Safety Approvals :	CE, FCC, VCCI, Erp, WEEE
25.	Dimensions (LxWxH) :	17.32 "x 7.80 " x 1.73 "(440mm x 200mm x 44mm)
26.	Rack Mount :	1RU High 19 "Rack Mount #1U-440L (with rack mount)
27.	Net Weight (Unit Only) :	About 2.45kg / 5.4 lb
28.	Power Voltage Input :	DC 12V @ 2A , Use Universal switch Type 50/60Hz, 100~240 VAC

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