SB-3877

8X2 MULTI FORMAT VIDEO MATRIX ROUTING SWITCHER
8 IN'S CONVERTED TO (2) VGA & (2) HDMI OUTPUTS



INPUTS: 8X INPUTS: 2X CVBS/SV/AUDIO, 2X HDMI 2X COMPONENT VIDEO-AUDIO, 2X VGA-AUDIO

OUTPUTS: 2X GROUPS: (1X VGA, 1X HDMI, 1X SPDIF, 1X AUDIO)

EAR RACK: 1U-440L





INTRODUCTION

The SB-3877 is a Multi-Video switcher featuring (8) inputs and (2) outputs (independent of each other) making this a true Matrix Routing Switcher. The inputs are comprised of: 2x HDMI, 2x Composite Video w/ Audio, 2x S-Video w/ Audio, 2x Component video w/ Audio and 2x VGA w/ Audio. The outputs are 2x HDMI w/ Digital Audio, 2x VGA w/ Audio. Note that you can use BOTH the VGA Output and the HDMI Output simultaneously, giving you (2) outputs per channel for a total of (4) outputs per chassis.

When switching between sources, the output will fade to black then fade-in to the new source you selected. Formats supported are NTSC/PAL/SECAM video systems allowing you to do format conversion. Supports High Definition Digital signal with data rates enabling 1080p formats or PC resolution (1920x1200). Audio is presented on all outputs regardless of selected video signal type and the volume control is set for either output channel or independent of each other. It completely eliminates the need to constantly move around HD input and output cables. Control is provided via front push buttons with LED readout or IR remote control. RS-232 interface is provided for interfacing with third party control or using the provided software. Input cable equalizer enables use of long cable runs of more than 50 feet (15M) when using 24 AWG cable at 1080i. A windows-based control software package is included to provide complete control of the SB-3877 from a PC.

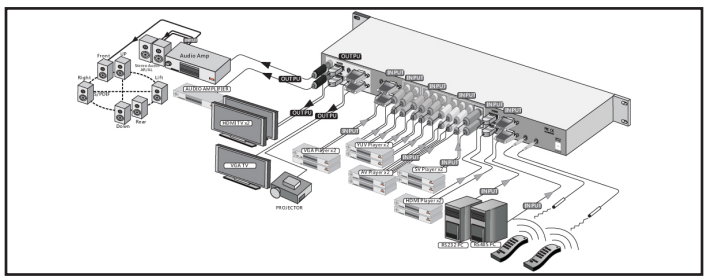
FEATURES

- Supports (8) inputs to (2) outputs Matrix Switching multivideo signal as VGA/S-Video/Composite Video/Component Video/Audio/HDMI
- Inputs: 2x AV, 2x S-Video/Audio, 2x Component/Audio & 2x VGA/Audio, 2x HDMI
- Outputs: 2x (VGA+Stereo Audio), 2x HDMI
- Automatic detection system for TV standards, Composite Video/S-Video and HDTV Component Video 50/60Hz, 480p, 720p and 1080i/p from input
- Automatically scans (8) input video sources with LED display on the front panel
- Direct video input selection by front panel buttons with LED readout
- Direct VGA output resolution selection. VGA resolution up to 1920x1200 HD
- Auto scaling video picture up and down
- Adjust Stereo Audio Volume on front panel
- OSD (on screen display) for menu color, resolution and input sources selection
- HDMI and HDCP compliant
- Supports RS-232 interface control driver for Win 95/98/2000/XP
- An IR receiver on the front panel for infrared remote control and an IR external port on the rear panel for extending distance to about 300M
- Desktop or rack mountable with 19 inch ear mount brackets

SPECIFICATIONS

- Video Scaling Outputs: 2x via HD-15 Female connector, (Audio: 4x RCA & 2x OD3.5 connectors)
- Video Input Signals:
  - TV standards : NTSC-M 3.58, NTSC-J 4.43, PAL-B-D-I-G-H-K, PAL-M, PAL-, PAL-N COMB-N, SECAM (Impedance ohms)
  - Composite Video: 2x via RCA connectors
  - S-Video(Y/C) : 2x via 4 pin Mini-Din Female connectors
  - Component Video (YPBPR): 6x via RCA connectors
  - PC-VGA (RGBHV): 2x via HD-15 Female connectors
  - HDMI: 2x HDMI connectors, Digital Video (TMDS), Digital Audio (PCM)
- OSD Menu Selections & Adjustments:
  - Input sources: 1 & 2 HDMI, 3 & 4 AV, 5 & 6 Component Video/Audio, 7 & 8 VGA
  - Color: Contrast, Brightness, Sharpness, Level and TINT
  - VGA output resolutions: VGA, SVGA, XGA, SXGA, WXGA, WSXGA+, WUXGA
- Video Bandwidth: 400MHz, (-3dB), Audio Bandwidth: 60MHz, (-3dB)
- Audio Frequency Respond: 20Hz~20KHz
- Safety Approvals: CE, FCC, VCCI
- Dimension (LxWxH): 19 x 7.87 x 1.75 in (482x200x44 mm)
- Power Supply: 12VDC/3A

EXAMPLE



8X2 MULTIVIDEO MATRIX SWITCHER