

# Shinybow SB-3877 8x2 HD Video Scaler/Switcher with 2 matrix outputs

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 if in PC resolution (1920x1200). 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 controller. A RS-232 interface is provided for interfacing with third party control or use the provided software. Input cable equalizer enables use of long cable runs of more than 50 feet (15 meters) when using 24 AWG cable at 1080i. A windows-based control software package is included to provide complete control of the SB-3866 from a PC.

## Features:

- Support 8 inputs to 2 outputs Multi Video Matrix Switcher
- Support VGA output resolution VGA, SVGA, XGA and SXGA, WXGA, WUXGA
- Supports HDMI output resolution for 720p & 1080p
- Fade to black between switching
- Push Button control, RS 232 control, IR Control
- 1U Rackmount Multi Video Matrix Switch

## Specifications:

- Video/Audio Inputs 8x Video Inputs: 2x HDMI (Digital Video-TMDS & Digital Audio-PCM) via HDMI connectors  
2x CVBS/S-Video(Y/C)/Audio Via Composite (1x RCA), S-Video (1x min din-4p) & Stereo Audio (2xRCA)  
2x Component Video (YPBPR)/Audio Via Component (3x RCA) & Stereo Audio (2xRCA)  
2x VGA (RGBHV) / Audio via VGA (2x HD-15P) & Stereo Audio (2xRCA)
- Video/Audio Outputs 2x Video Outputs: 2x HDMI (Digital Video-TMDS & Digital Audio-PCM) via HDMI connectors  
2x Digital Audio via 2x RCA 2x VGA (RGBHV) / Audio Via VGA (2x HD-15P) & Stereo Audio (2xRCA)
- Auto Detection TV Video System: NTSC-M 3.58, NTSC-J, 4.43, PAL-B-D-I-G-H-K, PAL-M, PAL-N, PAL-N COMB-N, SECAM (Impedance:75 ohms)
- SD Menu Selections: Adjust Color, Contrast, Brightness, Sharpness, Level and Gain
- Video Bandwidth: 250MHz, (-3 d B)
- Audio Bandwidth: >60MHz, (-3 d B)
- Audio Frequency Response: 20Hz ~ 20KHz
- Input Source Resolutions: HDMI for 480p, 720p & 1080p Component Video (YPBPR) for 480p, 720p & 1080p VGA for VGA (640x480), SVGA (800x600), XGA (1024x768), SXGA (1280x1024) Maximum
- Unit Output Resolutions: HDMI for 720p & 1080p VGA for SVGA (800x600), XGA (1024x768), SXGA (1280x1024), WXGA (1366x768) WXGA+ (1680x1050), WUXGA (1920x1200) Maximum
- Shipping Weight: 3.5 Kgs
- Control: Direct Front Panel menu, Remote control & RS-232/RS-485
- Rs232 Control: 9600 bps, No Parity, 8 bits, 1 Stop bit
- Safety Approvals: CE, FCC, RoHS (2002/95/EC)
- Dimensions (LXWXH): 19 x 7.87 x 1.75 (482mm x 200mm x 44mm)
- Power Supply: 12VDC, 3A (2.45A Max.) Universal Switch type 50/60Hz 100~230 VAC

## In the box:

- 8x2 Matrix Switcher
- IR Remote Control (2each)
- HDMI to DVI adapters (2each)
- Users Guide
- Rack Mount brackets
- AC/DC Adapter: 12VDC, 1000mA~3000mA
- RS-232 driver CD (All Windows Operating Systems)