

## SB-3879

### HDMI VIDEO SCALER



Inputs : 1x COMPOSITE/AUDIO, 1x S-VIDEO/AUDIO, 1x COMPONENT VIDEO/AUDIO,  
1x VGA/AUDIO, 1x DVI/Audio, 1x HDMI, 1x DisplayPort  
Outputs : 1x HDMI, 1x VGA, 1x S/PDIF, 1x STEREO AUDIO

VIDEO | HDMI | PRO

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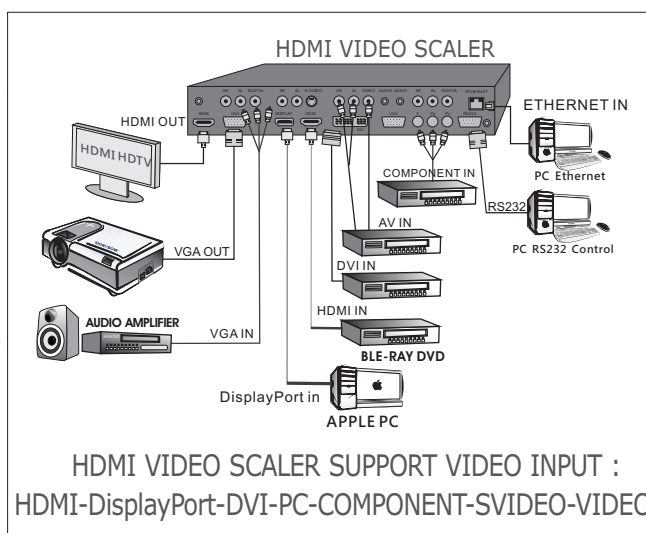
Ear Rack: 1U-300L

#### INTRODUCTION

The SB-3879 is a professional high performance video graphics scaler supporting seven (7) different inputs and output signal, HDMI, VGA and S/PDIF & Stereo Audio. The Inputs are comprised of 1x Composite Video & Audio, 1x S-Video & Audio, 1x Component Video & Audio, 1x VGA & Audio, 1x DVI & Audio, 1x DisplayPort and 1x HDMI. The available output ports are 1x HDMI, 1xVGA, 1x S/PDIF and 1x Stereo Audio. This scaler supports S-Video with 3D comb filter, HDMI 3D 1.4a formats, HDCP 2.0 Compliant, and HDCP. It is able to auto detects the video standard format of input signal from NTSC/PAL/SECAM system, and convert to high definition RGB digital HD signal.

The scaler supports full HDTV resolution data rates enabling 480i/p, 576i/P, 720p or 1080i/p formats, higher DVI resolution (1920x1200), HDMI 1080p-60, DP (2560x1600) which is ideally for high definition 3D TV, HDTV, Plasma display or monitor applications. Control is provided via front panel buttons with LED monitor, RS-232, Ethernet, or IR remote control (included). A RS-232 interface is provided for interfacing with third party controller. The windows-based control software package is included to provide complete control of the SB-3879 from a PC.

#### SB-3879 HDMI VIDEO SCALER



#### FEATURES

- HDMI Video Scaler Support HDMI 1.4a 3D formats, HDMI V1.4 Transmitter & Receiver, HDMI 1.4, DVI 1.0, HDCP 2.0 Compliant.
- Wide range scales HD resolutions any PC (XGA to WUXGA) and HDMI resolutions 480i/480p, 576i/576p, 720p, 1080i & 1080p from Any analog video, S-Video(Y/C), Component Video (YPbPr), PC VGA, DVI, HDMI or Display Port resolutions.
- Input port Composite Video, S-Video(Y/C), Component Video(YPbPr) 480i/p, 576i/p, 720p, 1080i/p, DVI (1920x1200), HDMI 1080p-60, Display Port (2560x1600).
- Output Support PC VGA (XGA to WUXGA) and HDMI 1080P-60 with Deep color 36-bit., Digital audio support SPDIF and Stereo Audio outputs.
- Input resolution up to 1080p, 1920x1080, 1920x1200 and 2560x1600 (only in DP).
- Bypass XGA & 720P 120Hz 3D signal for DLP link 3D ready projector for active 3D display. and audio receivers/amplifiers.
- Advanced 3D de-interlace, smooth edge algorithm and 3/2:2 film mode processing.
- Support 3D formats: Frame packing, side by side and top/bottom signal types.
- Support full HD @24Hz full HD 3D signal with special algorithm for RH/LH synchronization.
- Support intelligent color adjustment (Discrete RGB color adjustment, Hue, saturation, sharpness, contrast, brightness and (4) preset color modes).
- OSD (on screen display) for menu color, resolution and input source selections.
- Various User Interface control:
  - Windows based GUI control via RS232 port
  - Front Panel push button
  - IR wireless remote control
- Ethernet with built-in web browser
- Third party RS232 controller (via simple ASCII)
- Support IR Remote and IR Extender with cable distance up to ~ 1000' (300M) Maximum.
- Desktop with optional 19 inch Rack mount (included).
- Power supply DC12Volt, Universal Type switch 100~240VAC, 50/60Hz.

#### SPECIFICATIONS

- Scaler Type : 7 in 2 out HDMI Video Scaler
- Video Input Signal : 1x Composite/1x S-Video/1x Component / 1x VGA/ 1x DVI/ 1x HDMI/ 1x DP
- Audio Input Signal : Digital Audio (PCM), Stereo Audio
- Video Output Signal : 1x RGB, 1x HDMI
- Audio Output Signal : 1x S/PDIF Digital Audio, 1x Analog Audio RH/LH, 1x HDMI Audio
- 3D Support : 3D Video Format in HDMI 1.4a (225MHz)
- Input Resolution : 7. Input Resolution : Up to 1080p-60, 1920x1200, and DP 2560x1600
- Output Resolution : Up to 1080p-60 and 1920x1200
- Source Status : Automatic scanning of input/output status
- HDCP Support : DVI/ HDMI/ Display Port, compliant with HDCP 2.0
- HDMI Compliance : HDMI 1.4a receiver and transmitter
- HDMI Cable Distance : Max. 15 meters (~49 feet), depending on cable quality
- Infrared Frequency : 38KHz
- Chassis Material : Metal
- IR Extend Distance : 300 meters (~1000 feet) line cable via IR extender
- Control : IR remote control, RS-232, front panel push buttons
- Dimensions : 11.96"x 6.06" x 1.73"(304mm x 154mm x 44mm)
- Rack Mount : 19-inch panel type (1U-44L)
- Power Supply : Input 100 ~ 240 VAC, 50/60 Hz Output DC 12V, 3A
- Safety Approvals: CE, FCC, RoHS
- Temperature : 32F ~ 100F (0~32C)
- Net Weight (Unit only) : 1.4 kgs / 3.09 lb

## SB-3877

### 8x2 MULTIVIDEO TO HDMI-VGA MATRIX SWITCHER



HDMI VGA COMPONENT VIDEO PRO

Inputs : 8xInputs: 2xCVBS/SV/Audio, 2xComponent Video-Audio, 2xVGA-Audio, 2xHDMI

Outputs : 2xGroups : (1xVGA, 1xHDMI, 1xSPDIF, 1xAudio)



Ear Rack:1U-440L

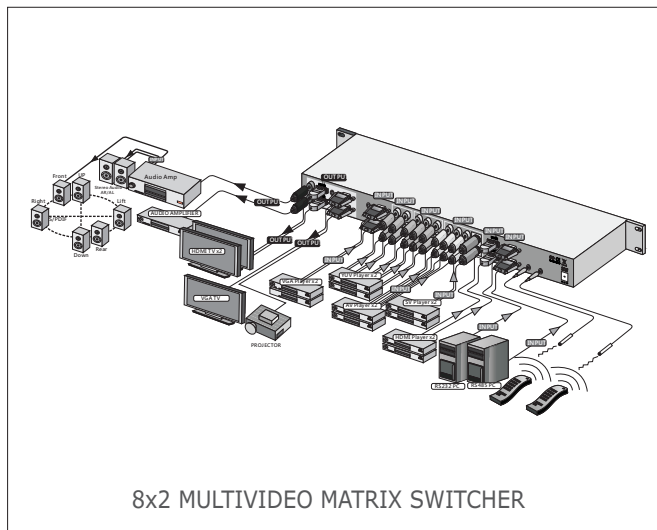
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#### INTRODUCTION

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, 2 x 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). 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 controller. A 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 (15 meters) 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.

#### SB-3877 MultiVideo Matrix Switcher 8x2



8x2 MULTIVIDEO MATRIX SWITCHER

#### FEATURES

- Support 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
- Automatically detection system for TV standards, composite video/S-Video and HDTV Component Video 50/60Hz, 480p, 720p and 1080i/p from input
- Automatically scan 8 input video sources and display by LED on 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
- Support RS232 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.
- Support desktop with ear mount and 19 inch rack mountable type panel

#### 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 : 2 x via RCA connectors  
S-Video(Y/C) : 2 x via 4 pin Mini-Din Female connectors  
Component Video(YBPBR) : 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, (-3 d B), Audio Bandwidth: 60MHz, (-3 d B)
- Audio Frequency Respond: 20Hz~20KHz
- Safety Approvals: CE, FCC, VCCI
- Dimension(LxWxH): 19"x 7.87"x 1.75"(482mm x 200mm x 44mm)
- Power Supply: 12VDC/3A

## SB-3878

### 8x2 MULTIVIDEO To HDMI-HDBaseT-VGA Matrix Switch with Scaler

Compatible 4K2K



Inputs : 1x COMPOSITE/AUDIO, 1x COMPONENT VIDEO/AUDIO, 2x VGA/AUDIO,  
1x Display Port, 1x DVI/Audio & 2x HDMI  
Outputs : 2x HDMI, 2x VGA, 2x S/PDIF, 2x STEREO AUDIO, 2x HDBaseT Transmitter



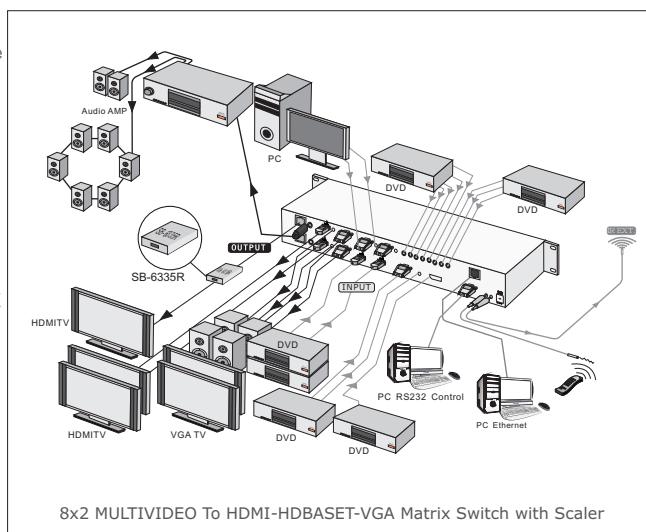
Ear Rack:1U-440L

#### INTRODUCTION

The SB-3878 is a Professional High performance compatible HD 4K2K Video Graphics 8x2 matrix switch with scaler. Supporting Six (8) different inputs Signal are comprised of 1x Composite Video & Audio, 2x VGA & Audio, 1x DVI & Audio, 1x Component Video (YPBPR) & Audio, 1x DisplayPort and 2x HDMI (support 4K2K compatible).

The available Output ports are 2x HDMI (support 4K2K scaler), 2x VGA, 2x S/PDIF, 2x Stereo Audio and 2x HDBaseT Transmitter (4K2K). Support Video with 3D comb filter, HDMI 3D 1.4a formats, HDCP 2.0 Compliant, DVI/ HDMI/ Display Port support HDCP. Composite Video input signal Auto-Detects the video standard format from NTSC/PAL/SECAM system. Composite Video output signal support video standard format from NTSC/PAL system. Compatible high HD definition RGB digital HD 4K2K signal. The scaler supports full HDTV resolution data rates enabling 480i/p, 576i/p, 720p, 1080i/p or compatible 4K2K-24Hz/30Hz formats, Higher DVI resolution (1920x1200), HDMI 1080p-60/4K2K, DP (2560x1600) is ideally suitable for High Definition 3D TV, HDTV, Plasma display or Monitor applications. Control is provided via front panel buttons with LED readout, RS-232, Ethernet and IR remote control (included), An RS232 interface is provided for interfacing with third party controller. A windows-based control software package is included to provide completely control of the SB-3878 from a PC.

#### SB-3878 MULTIVIDEO To HDMI-HDBASET-VGA Matrix Switch with Scaler 8x2



8x2 MULTIVIDEO To HDMI-HDBASET-VGA Matrix Switch with Scaler

#### FEATURES

- HDMI-HDBaseT 8 inputs To 2 outputs Matrix Switch with Video Scaler, Compatible 4K2K, Support HDMI 1.4a 3D formats, HDMI V1.4, HDBaseT Transmitter (Support 4K2K), DVI 1.0, HDCP 2.2 Compliant.
- Wide range scales HD resolutions any PC (XGA to WUXGA) and HDMI resolutions 480i/480p, 576i/576p, 720p, 1080i/p & 4K2K from Any analog composite video, Component Video (YPBPR), PC VGA, DVI, HDMI or Display Port resolutions.
- Input support are 1xComposite Video, 1xComponent Video(YPBPR) 480i/p, 576i/p, 720p, 1080i, 2x VGA, 1x DVI (1920x1200), 2x HDMI 1080p-60/compatible 4K2K, 1x Display Port (2560x1600).
- Output support are 2x PC VGA (XGA to WUXGA), 2x HDMI 1080P-60 with Deep color 36-bit., 2x Digital Audio support SPDIF and 2x Stereo Audio outputs.
- Input resolution up to 1080p, 1920x1080, 1920x1200 and 2560x1600 (only in DP).
- Bypass XGA & 720P 120Hz 3D signal for DLP link 3D ready projector for active 3D display.
- Advanced 3D de-interlace, smooth edge algorithm and 3:2/2:2 film mode processing.
- Support 3D formats: Frame packing, side by side and top/bottom signal types.
- Support full HD 4K2K@24Hz 3D signal with special algorithm for RH/LH synchronization.
- Support intelligent color adjustment (Discrete RGB color adjustment, Hue, saturation, sharpness, contrast, brightness and (4) preset color modes).
- OSD (on screen display) for menu color, resolution and input source selections.
- Various User Interface control:
  - Windows based GUI control via RS232 port
  - Front Panel push button
  - IR wireless remote control
  - Ethernet with TCP/IP (not a web browser)
  - Third party RS232 controller (via simple ASCII)
- Support IR External port with 3C line cable distance up to ~984' (300M) Maximum.
- Desktop with optional 19 inch Rack mount (included).
- Power supply DC12Volt, Universal Type switch 100~240VAC, 50/50Hz.

#### SPECIFICATIONS

- Type of Scaler: 8x2 HDMI High Quality HD 4K2K Video matrix switch scaler.
- HDMI Compliant : HDMI 1.4a compliant receiver and output transmitter, DVI 2.0, DVI/HDMI/DisplayPort Compliant with HDCP 2.0 specification
- HDCP Supports : Composite/Component(YPbPr)/VGA/DVI/HDMI/Display-Port
- Video Inputs : S/PDIF, Digital Audio (PCM) and Stereo Audio.
- Audio Inputs : 2x VGA (RGBHV), 2x HDMI, 2x HDBaseT Transmitter.
- Video Outputs : 2x S/PDIF digital audio, 2x Analog audio RH/LH, or HDMI audio
- Audio Outputs : Up to 1080p-60/4K2K(HDMI), DVI 1920x1200 and 2560x1600(DP)
- Input Resolution : Up to HDMI 1080p-60/4K2K and VGA 1600x1200
- Output Resolution : IR EXT, Select buttons on the front panel, RS232 & Ethernet
- Controls: 3D Video format in HDMI 1.4a (340MHz)
- 3D Supports: 480i, 480p, XGA@60, 480P, 720P-60, 1080P-60, 4K2K, XGA@50, 576P, 720P@50, 1080P@50, UXGA@60, UXGA@50, WXGA@60, WXGA@50, XGA@60, XGA@50, 1400x1500@50, 1400x1500@60, 1920x1200@60, 1280x800@60, SVGA@60, 1280x800@50, 1080p@24, 720p@120, 720p@100, XGA@120
- Output Timing: 98 feet (30Meter) maximum depending on the cable quality.
- Infrared frequency: 38KHz.
- IR Extender Distance: IR Extender with cable distance up to ~984 feet (300M) max.
- Safety Approvals: CE, FCC, Reach.
- Dimensions (LxWxH): 18.97" x 7.87" x 1.73"(482mm x 150mm x 11mm)
- Power Supply: Input 100~240VAC, 50/60Hz, output 12VDC, 5A.
- Shipping Weight : 2.05 Kgs / 3.42 lb





## MULTIVIDEO SCALER : 2x Outputs Serial items:

VIDEO HDMI PRO

### SB-3878



**Outputs :**  
2x HDMI (booster),  
2x VGA,  
2x S/PDIF,  
2x STEREO AUDIO,  
2x HDBaseT Transmitter (Distance 100M Extender)

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### SB-3878V2



**Outputs :**  
2x HDMI (w/booster), ,  
2x VGA,  
2x S/PDIF,  
2x STEREO AUDIO,  
2x Composite Video (NTSC/PAL TV system)

### SB-3878V1



**Outputs :**  
2x HDMI (w/booster), ,  
2x VGA,  
2x S/PDIF,  
2x STEREO AUDIO,  
1x Composite Video (NTSC/PAL TV system)  
1x HDBaseT Transmitter (Distance 100M Extender)

### SB-3878C1



**Outputs :**  
2x HDMI (w/booster),  
1x HDMI,  
2x VGA,  
2x S/PDIF,  
2x STEREO AUDIO,  
1x HDBaseT Transmitter (Distance 100M Extender)

### SB-3878H1



**Outputs :**  
2x HDMI (w/booster),  
1x HDMI,  
2x VGA,  
2x S/PDIF,  
2x STEREO AUDIO,  
1x Composite Video (NTSC/PAL TV system)

### SB-3878H2



**Outputs :**  
2x HDMI (w/booster),  
2x HDMI,  
2x VGA,  
2x S/PDIF,  
2x STEREO AUDIO,

## Applicable HDBaseT Receiver serial items :

SB-6320R HDBaseT 100M Rx



HDMI-HDBaseT 100M Receiver  
Controls:  
IR in/out + RS-232 + 2xLAN + Audio

SB-6335R HDBaseT 100M Rx



HDMI-HDBaseT 100M Receiver  
Controls:  
IR in/out + RS-232 + LAN

SB-6333R HDBaseT 70M Rx



HDMI-HDBaseT 70M Receiver  
Controls:  
IR in/out + RS-232

## SB-3876

### 8x2 HDMI-VGA To HDMI-VGA Matrix Switch with Scaler



Compatible 4K2K



Inputs : 4x VGA/AUDIO, 4x HDMI

Outputs : 2x VGA/AUDIO, 2x HDMI, 2x S/PDIF, 2x Stereo Audio and 2x HDBaseT Transmitter



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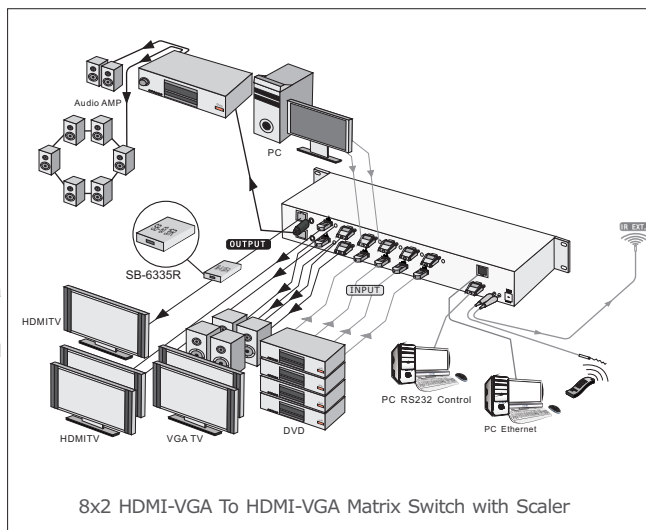


Ear Rack:1U-440L

#### INTRODUCTION

The SB-3876 is a Professional High performance compatible HD 4K2K Video Graphics 8x2 matrix switch with scaler. Supporting two (2) different inputs Signal are comprised of 4x VGA & Audio and 4x HDMI (compatible 4K2K). The available Output ports are 2x HDMI (compatible 4K2K), 2x VGA, 2x S/PDIF, 2x Stereo Audio and 2x HDBaseT Transmitter (4K2K). Support Video with 3D comb filter, HDMI 3D 1.4a formats, HDCP 2.0 Compliant, DVI/HDMI/DisplayPort support HDCP. Support high HD definition RGB digital HD 4K2K signal. Supports full HD resolution data rates enabling 480i/p, 576i/P, 720p, 1080i/p or 4K2K-24Hz/30Hz formats, Higher VGA resolution (1600x1200), HDMI 1080p-60/4K2K(compatible) is ideally suit for high Definition 3D TV, HDTV, Plasma display or Monitor applications. Control is provided via Front panel buttons with LED readout, RS-232, Ethernet, or IR remote control (included), or Ethernet control Via TCP/IP (not a web browser). An RS232 interface is provided for interfacing with third party controller. A windows-based control software package is included to provide completely control of the SB-3876 from a PC.

#### SB-3876 HDMI-VGA To HDMI-VGA Matrix Switch with Scaler 8x2



8x2 HDMI-VGA To HDMI-VGA Matrix Switch with Scaler

#### FEATURES

- HDMI-HDBaseT 8 inputs To 2 outputs Matrix Switch with 4K2K(compatible) Scaler, Compatible 4K2K, supports HDMI 1.4a 3D formats, HDMI V1.4, HDBaseT Transmitter (4K2K), DVI 1.0, HDCP 2.2 Compliant.
- Wide range scales HD resolutions any PC (XGA to WUXGA) and HDMI resolutions 480i/480p, 576i/576p, 720p, 1080i/p & 4K2K from Any PC VGA or HDMI resolutions.
- Input support are 4x HDMI 1080p-60/4K2K, 4x PC VGA.
- Output support are 2x PC VGA (XGA to WUXGA), 2x HDMI 1080P-60 with Deep color 36-bit, 2x Digital Audio support SPDIF, 2x Stereo Audio and 2x HDBaseT Transmitter outputs.
- Input resolution up to 1080p, 1920x1080, 1920x1200 and 3886x2160 (only in HDMI).
- Bypass XGA & 720P 120Hz 3D signal for DLP link 3D ready projector for active 3D display.
- Advanced 3D de-interlace, smooth edge algorithm and 3:2:2 film mode processing.
- Support 3D formats: Frame packing, side by side and top/bottom signal types.
- Support full HD 4K2K@24Hz 3D signal with special algorithm for RH/LH synchronization.
- Support intelligent color adjustment (Discrete RGB color adjustment, Hue, saturation, sharpness, contrast, brightness and (4) preset color modes).
- OSD (on screen display) for menu color, resolution and input source selections.
- Various User Interface control:
  - Windows based GUI control via RS232 port
  - Front Panel push button
  - IR wireless remote control
  - Ethernet with TCP/IP (not a web browser)
  - Third party RS232 controller (via simple ASCII)
- Support IR External port with 3C line cable distance up to ~984' (300M) Maximum.
- Desktop with optional 19 inch Rack mount (included).
- Power supply DC12Volt, Universal Type switch 100~240VAC, 50/60Hz.

#### SPECIFICATIONS

- Type of Scaler: 8x2 HDMI High Quality HD 4K2K Video matrix switch scaler.
- HDMI Compliant: HDMI 1.4a compliant receiver and output transmitter, DVI 2.0, HDMI Compliant with HDCP 2.0 specification
- HDCP Supports: VGA/HDMI
- Video Inputs: Multi-Audio Digital Audio (HDMI) and Stereo Audio.
- Audio Inputs: 2x VGA, 2x HDMI, 2x HDBaseT Transmitter.
- Video Outputs: 2x S/PDIF digital audio, 2x Analog audio RH/LH, or HDMI audio
- Audio Outputs: Up to 1080p-60/4K2K (HDMI), 1600x1200 (VGA)
- Input Resolution: Up to HDMI 1080p-60/4K2K and VGA 1600x1200
- Output Resolution: IR EXT, Select buttons on the front panel, RS232 & Ethernet
- Controls: 3D Video format in HDMI 1.4a (340MHz)
- 3D Supports: 480i, 480p, XGA@60, 480P, 720P-60, 1080P-60, 4K2K, XGA@50, 576P, 720P@50, 1080P@50, UXGA@60, UXGA@50, WXGA@60, WXGA@50, XGA@60, XGA@50, 1400x1500@50, 1400x1500@60, 1920x1200@60, 1280x800@60, SVGA@60, 1280x800@50, 1080p@24, 720p@120, 720p@100, XGA@120
- Output Timing: 98 feet (30Meter) maximum depending on the cable quality.
- HDMI Cable Distance: 38KHz.
- Infrared frequency: IR Extender with cable distance up to ~984 feet (300M) max.
- IR Extender Distance: CE, FCC, Reach.
- Safety Approvals: 18.97"x 7.87" x 1.73"(482mm x 150mm x 11mm)
- Dimensions (LWH):
- Power Supply: Input 100~240VAC, 50/60Hz, output 12VDC, 5A.
- Shipping Weight: 2.05 Kgs / 3.42 lb

### MULTIVIDEO SCALER : 2x Outputs Serial items:

VIDEO HDMI PRO

SB-3876



**Outputs :**

2x HDMI (w/booster),  
2x VGA,  
2x SPDIF,  
2x STEREO AUDIO,  
2x HDBaseT Transmitter (Distance 100M Extender)

SB-3876V2



**Outputs :**

2x HDMI (w/booster),  
2x VGA,  
2x SPDIF,  
2x STEREO AUDIO,  
2x Composite Video (NTSC/PAL TV system)

SB-3876V1



**Outputs :**

2x HDMI (w/booster),  
2x VGA,  
2x SPDIF,  
2x STEREO AUDIO,  
1x Composite Video (NTSC/PAL TV system)  
1x HDBaseT Transmitter (Distance 100M Extender)

SB-3876C1



**Outputs :**

2x HDMI (w/booster),  
1x HDMI  
2x VGA,  
2x SPDIF,  
2x STEREO AUDIO,  
1x HDBaseT Transmitter (Distance 100M Extender)

SB-3876H1



**Outputs :**

2x HDMI (w/booster),  
1x HDMI  
2x VGA,  
2x SPDIF,  
2x STEREO AUDIO,  
1x Composite Video (NTSC/PAL TV system)

SB-3876H2



**Outputs :**

2x HDMI (w/booster),  
2x HDMI  
2x VGA,  
2x SPDIF,  
2x STEREO AUDIO,

### Application HDBaseT Receiver serial items :

SB-6320R HDBaseT 100M Rx



HDMI-HDBaseT 100M Receiver

Controls:

IR in/out + RS-232 + 2xLAN + Audio

SB-6335R HDBaseT 100M Rx



HDMI-HDBaseT 100M Receiver

Controls:

IR in/out + RS-232 + LAN

SB-6333R HDBaseT 70M Rx



HDMI-HDBaseT 70M Receiver

Controls:

IR in/out + RS-232



## SB-8100

### 8x2 Composite Video & VGA to Composite Video & VGA Selector Switch

Inputs : 8x Group (4x VIDEO, 4x VGA-RGBHV)

VIDEO VGA PRO

Outputs : 2x Group (2x VGA, 2x VIDEO-Preview Video outputs)

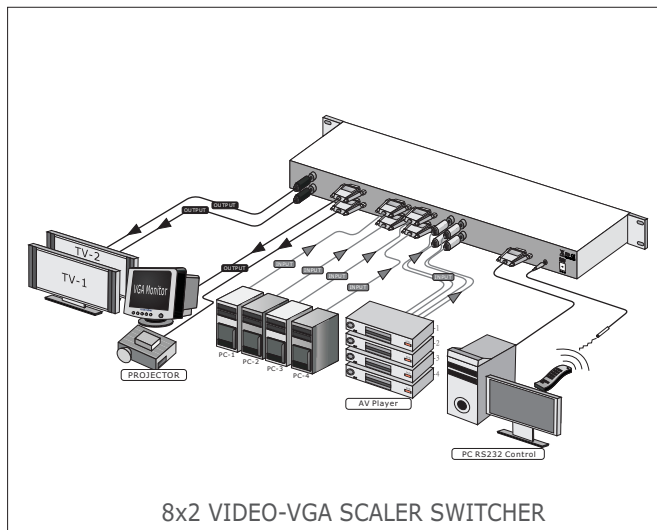


Ear Rack:1U-440L

#### INTRODUCTION

The SB-8100 is a 8:2 Routing Switcher featuring 8 inputs and pre-emphasized 2 VGA outputs. There are 4x Composite Video, 4x VGA(RGBHV) input ports and 2x VGA identical signal VGA output ports. It supports two video preview output for four video input sources. Composite Video inputs can auto detect standard TV video format, NTSC/ PAL/ SECAM system, and supports high definition RGB digital HD signal. This switcher supports full VGA data rates, which enabling in PC Resolution VGA (640x480), SVGA(800x600), XGA(1024x768), SVGA(1280x1024), WXGA(1366x768), WXGA+(1440x900), WSXGA(1680x1050), WUXGA(1920x1200 HD). Therefore, it is ideally for high definition LCD TV, HDTV, Full HD television, Plasma display or monitor applications. Control is provided via front pressed buttons with LED readout or IR remote controller. A RS-232 interface is provided for interfacing with third party control. A windows-based control software package is included to provide completely control of the SB-8100 from a PC.

#### SB-8100 Video-VGA Scaler Switcher 8x2



#### FEATURES

1. Support 8 inputs to 2 outputs VGA Routing Switcher
2. Inputs : 4x Composite Video, 4x VGA(RGBHV)  
Outputs : 2x VGA(RGBHV), 2x Video Preview from Video 1,2,3 & 4 inputs
3. Automatic detection of input TV standards Composite Video NTSC-M 3.58, NTSC-J 4.43 PAL, PAL-N, PAL-N Comb-N, PAL-M system
4. Automatically scan 8 input video sources by LED display on front panel
5. Direct Video and VGA Input & VGA Resolution selections
6. Automatically 3D Motion Adaptive de-interlacing SD up to HD
7. Support both of Down Scaling and Up Scaling
8. Adjust VGA output level & HV value by VR on front panel
9. Two PC-VGA(RGBHV) outputs for same signals
10. Supports two Video outputs for previewing video from input 1, 2, 3 & 4 sources
11. Support RS-232 interface control driver for Win 95/98/2000/XP
12. An IR transceiver on the front panel by infrared remote control and an IR extension port on the rear panel that can extend distance for about 300 M.
13. Support desktop with ear mount and 19 inch rack mountable type panel

#### SPECIFICATIONS

1. Video Scaling outputs: 2x VGA via HD-15 Female connectors, (2x Video via 2x RCA connectors )
2. Video Input Signals: TV standards : 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)  
Composite Video : 4x via RCA connectors  
PC-VGA(RGBHV) : 4x via HD-15 Female connectors
3. Video Signal selections: Video sources : Input 1, 2, 3 & 4  
VGA sources : Input 5, 6, 7 & 8  
VGA output resolutions: VGA (640x480), SVGA(800x600), XGA(1024x768), SXGA(1280x1024), WXGA(1366x768), WXGA(1440x900),WSXGA(1680x1050), WUXGA(1920x1200 HD)
4. Video bandwidth : 400MHz, (-3 d B),
5. Audio Bandwidth: 60MHz, (-3 d B)
6. Audio Frequency Respond: 20Hz~20KHz
7. Safety Approvals: CE, FCC,VCCI
8. Dimension(LxWxH): 19"x 7.87"x 1.75"(482mm x 200mm x 44mm)
9. Power Supply: 12VDC, Universal type 50/60Hz 100~230 VAC, 2A
- 10.Shipping Weight : 2.85 Kgs / 4.75 lb

## SB-3680

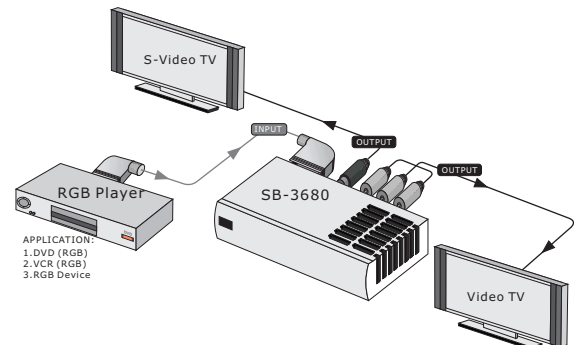
### SCART-RGB To S-VIDEO/VIDEO/AUDIO CONVERTER

Inputs : 1x SCART(RGB), 1x Stereo Audio

Outputs : 1x S-Video, 1x Composite Video, 1x Stereo Audio



### SB-3680 SCART-RGB > VIDEO CONVERTER



01

#### FEATURES

1. SCART To S-Video/Composite Video/Audio Converter
2. Support S-Video (Y/C) 100Vpp/75Ω and Stereo Audio (AR/AL)
3. Video Bandwidth: 80MHz (-3dB)
5. Audio: Stereo Audio (AR/AL)
6. Gain Flatness: 0.1dB to 20 Mhz, RL=150Ω
7. Differential Gain Error: 0.03%, RL=150Ω
8. Differential Phase Error: 0.030, RL=150Ω
9. Switch SCART input signals to video signals for TV monitors and plasma displays
10. It is also suitable for SCART RGB signals
11. Terminals: SCART plug, Mini-4din Female, RCA connectors
13. Safety approvals: CE, FCC, VCCI
14. Dimensions (LxWxH): 6.02"x 3.07"x 1.42" (153mmx 78mmx 36mm)
15. Power Supply: DC12V / 1A
16. Net Weight (unit only): 0.25 Kgs / 0.55 lb

SB-3680 is one of the most innovative SCART ( RGB ) Decoder products.

It converts RGB signals from SCART plug device (full pin connected) into S-Video or Composite Video and Stereo Audio signals. It is perfect for SCART ( RGB ) Video device, such as Video Game Consoles, Video CDs, DVDs, Satellite Receivers, CATV Set Top Boxes, and works well with TV set. The video from output of S-Video and Composite Video will be showed simultaneously.

## SB-2840

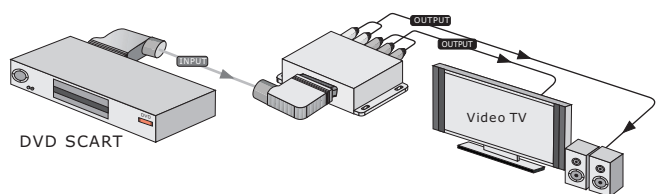
### SCART-RGB To COMPONENT-AUDIO CONVERTER

Inputs : 1x SCART(RGB), 1x Stereo Audio

Outputs : 1x Component Video (YPbPr), 1x Stereo Audio



### SB-2840 SCART>COMPONENT CONVERTER



#### FEATURES

1. SCART To SDTV Component Video/ Audio Converter
2. Support Component Y/Pb/Pr, Y/CbCr. 1.00Vpp/75Ω, Stereo Audio (AR/AL)
3. Video Bandwidth: >165MHz (-3dB), 200 mVp-P
4. YUV output for SDTV 480i (13.50MHz), 480P (27.00MHz)
5. Gain Flatness: 0.1dB to 20 Mhz, RL=150Ω
6. Differential Gain Error: 0.03%, RL=150Ω
7. Differential Phase Error: 0.030, RL=150Ω
8. Switch SCART signal form devices into TV monitors and plasma displays
9. Suitable for 480i, 480P
10. Use RCA connectors
11. Wall mountable
12. Safety approvals: CE, FCC
13. Dimensions (LxWxH): 5.04"x 2.85"x 1.08" (128mmx72.5mm\*27.5mm)
14. Power Supply: DC12V / 1A
15. Net Weight (unit only): 0.3Kgs/ 0.66lb

SB-2840 is one of the most innovative converter for switching SCART

(RGB/Stereo Audio) to YUV Component Video (YPbPr/YCbCr)/Stereo Audio Signals.

This product provides high resolution HDTV quality output which is able to detect source and output the correspondent video signal. It is ideal for distributing signals from SCART-RGB DVD or High resolution SCART-RGB Video source to HDTV displays at high resolutions.



## SB-2833

### HDMI / DVI To VGA / DIGITAL / AUDIO CONVERTER

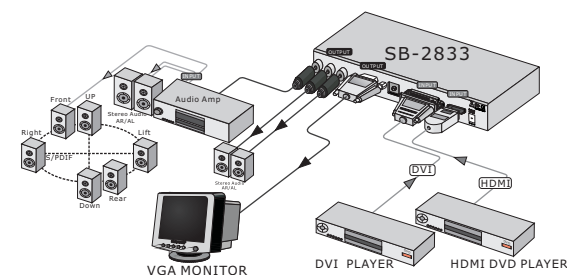


HDMI VGA CONVERTER

Inputs : 1x HDMI, 1x DVI

Outputs : 1x VGA, 1x Digital Audio, 1x Stereo Audio

### SB-2833 HDMI-DVI > VGA CONVERTER



#### FEATURES

1. Support HDMI/DVI Digital Audio Video to Analog VGA Converter
2. Inputs : 1x HDMI (Digital Video/Audio) & 1x DVI (Digital Video)  
Output s: 1xVGA+Stereo Audio & 1x Digital Audio(PCM)
3. Automatic detect ing video of 480P,720P and 1080i/p from HDMI and DVI input
4. Direct HDMI & DVI input selecti on by butt ons on front panel
5. VGA Output resolu ti on selecti ons:  
SVGA(800x600), XGA(1024x768), SXGA(1280x1024), WSXGA(1366x768),  
WXGA(1440x900), WSXGA+(1680x1050), UGA (1600x1200), WUXGA (1920 x 1200)
6. Support Digital Audio (PCM) and Stereo Audio outputs
7. Support wall mount type

#### SPECIFICATIONS

1. Video/ Audio Input Signal s: HDMI : Digital Video, Digital Audio (PCM), 1x HDMI connector  
DVI : Digital Video, 1x DVI connector
2. Video/ Audio Outputs: VGA(RGBHV) : 1x via HD-15 Female connector  
Digital Audio(PCM) : 1x via RCA connector  
Stereo Audio : 2x via RCA Connectors
3. Video Bandwidth : 350MHz, (-3dB), Audio Bandwidth: 50MHz, (-3dB)
4. Audio Frequency Respond : Audio Frequency Respond : 20Hz~20KHz
5. Safety Approval s: Safety Approval s: CE, FCC
6. Dimensi on(LxW xH): Dimensi on(LxW xH): 8.27"x 4.49"x 1.06"(210mm x 114mm x 27mm)
7. Power Supply: Power Supply: 12VDC, Universal type 50/60Hz 100~230VAC / 2A
8. Net Weight (unit only): Net Weight (unit only): 0.7 kgs / 1.54 lb

## SB-2835

### VGA To HDMI CONVERTER

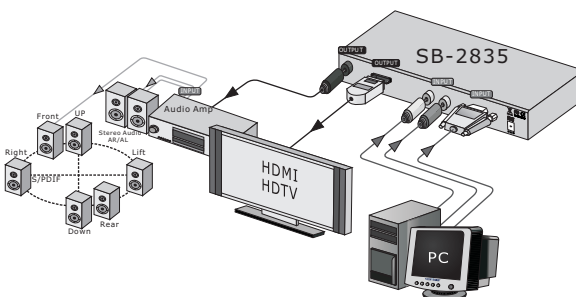


HDMI VGA CONVERTER

Inputs : 1x VGA, 1x Stereo Audio

Outputs : 1x HDMI(Video+Audio), 1x Digital Audio

### SB-2835 VGA > HDMI CONVERTER



#### FEATURES

1. VGA to HDMI Converter
2. Inputs : 1x VGA (RGBHV) & 1x Stereo Audio (AR/AL)  
Outputs: Video : 1x HDMI (Digital Video + Digital Audio)  
Audio : 1x Digital Audio(PCM)
3. Automatically detects for VGA, SVGA, XGA signal
4. Highest input resolution is SXGA(1280x1024)
5. Output automatically scan HDMI resolution of 480p, 720p or 1080i/p
6. Support HDMI version 1.3 with HDCP Compliant
7. Support audio(PCM) outputs
8. Wall mount type enclosure

#### SPECIFICATIONS

1. Video/ Audio Input Signal s: VGA (RGBHV) 1x HD-15p Female Connector  
Stereo Audio(AR/AL) 2x via RCA Connectors
2. Video/ Audio outputs Signal s: HDMI, 1x HDMI connector  
Digital Audio(PCM) 1x via RCA connector
3. Video Bandwidth : 450MHz, (-3dB), Audio Bandwidth: 50MHz, (-3dB)
4. Audio Frequency Respond : 20Hz~20KHz
5. Safety Approval s: CE, FCC
6. Dimensi on(LxW xH): 8.27"x 4.49"x 1.06"(210mm x 114mm x 27mm)
7. Power Supply: 12VDC, Universal type 50/60Hz 100~230VAC, 2A

## SB-2818

### VGA To COMPONENT CONVERTER

VGA COMPONENT CONVERTER

Inputs : 1x VGA(RGBHV), 1x Stereo Audio  
Outputs : 1x Component(YPbPr), 1x Stereo Audio



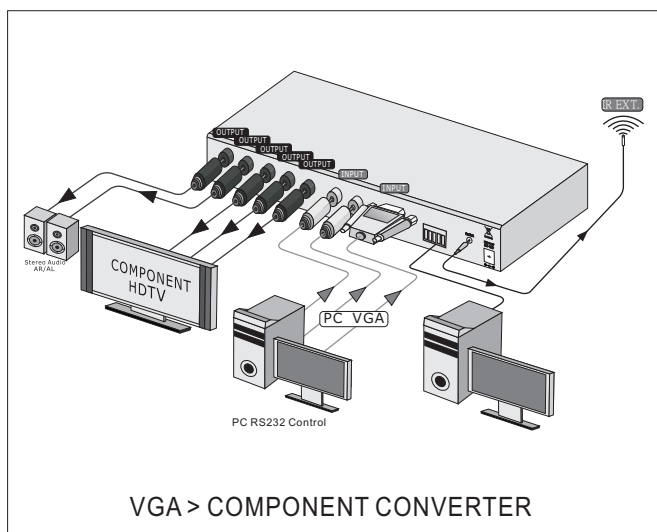
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#### INTRODUCTION

SB-2818 is one of the most innovative VGA / AUDIO (AR/AL) and Stereo Audio Signals Connect to Component Video (YPbPr) Monitor / Stereo Audio (AR/AL) converters on the market today. It is used to convert VGA and Audio signals to Component Video+Audio via RCA connectors.

This product provides high- quality Component Resolution, 480i/p, 720p, 1080i/p outputs that are identical to the quality of source signals. It is useful for converting and scaling up and down VGA video signals to video of high HD resolution quality on Component Video (YPbPr) display.

#### SB-2818 VGA > COMPONENT CONVERTER



#### FEATURES

1. VGA to Component Video Converter
2. Inputs Video : 1x VGA (RGBHV)  
Audio : 1x Stereo Audio(AR/AL)  
Outputs Video : 1x Component Video (YPbPr)  
Audio : 1x Stereo Audio(AR/AL)
3. Automatically detect input resolution for VGA, SVGA, XGA, SXGA, WXGA, WSXGA+, WUXGA
4. Automatically down Scale and up Scale for video input/ output
5. Selections for input Component Video 50 & 60 Hz, resolution of 480p/720p/1080 p
6. Support 3D motion adaptive de-interlacing SD up to HD
7. Support wall mount type

#### SPECIFICATIONS

- |                             |                                                                                                      |
|-----------------------------|------------------------------------------------------------------------------------------------------|
| 1. Input Signals:           | Video: VGA(RGBHV) via 1x HD-15P Female Connector<br>Audio: Stereo Audio(AR/AL) via 2x RCA connectors |
| 2. Outputs Signals:         | Video : Component Video(YPbPr) via 3x RCA connectors<br>Audio : Stereo Audio via 2x RCA connectors   |
| 3. Output Selections:       | Component Video resolution and Frequency of 50/60Hz                                                  |
| 4. Video bandwidth :        | 350MHz, (-3 dB), Audio Bandwidth: 50MHz, (-3 dB)                                                     |
| 5. Audio Frequency Respond: | 20Hz~20KHz                                                                                           |
| 6. Safety Approvals:        | CE, FCC                                                                                              |
| 7. Dimension(LxWxH):        | 8.27"x 4.49"x 1.06"(210mm x 114mm x 27mm)                                                            |
| 8. Power Supply:            | 12VDC, Universal type 50/60Hz 100~230 VAC, 2A                                                        |
| 9. Net Weight(unit only):   | 0.7 kgs/1.54 lb                                                                                      |

## SB-2829

### COMPONENT To VGA CONVERTER

Inputs : 1x Component Video(YPBPR), 1x Stereo Audio  
Outputs : 1x VGA(GBHV), 1x Stereo Audio

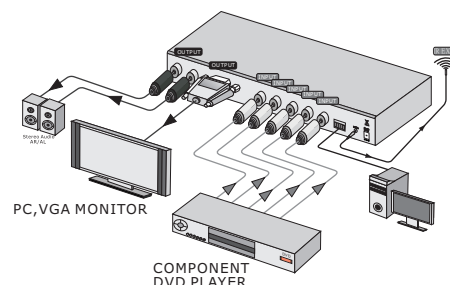


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#### FEATURES

1. Support Component Video to VGA Converter
2. Inputs Video : 1x Component Video (YPBPR)  
Audio : 1x Stereo Audio(AR/LAL)  
Outputs Video : 1x VGA (RGBHV)  
Audio : 1x Stereo Audio(AR/LAL)
3. Automatic detection HDTV Component Video Standards 480p, 720p AND 1080i/p Resolution system
4. Automatically control Down Scaling and Up Scaling for Video in/out
5. Direct Output VGA Resolution VGA, SVGA, XGA, SXGA, WXGA, WSXGA+ WUXGA Selections
6. Support wall mount Type

### SB-2829 COMPONENT >VGA CONVERTER



#### SPECIFICATIONS

1. Input Signals: Video: Component Video(YPBPR) 3x via RCA Connectors  
Audio: Stereo Audio(AR/LAL) 2x via RCA Connectors
2. Outputs Signals: Video : VGA(GBHV) 1x via HD-15P connector  
Audio : Stereo Audio via 2x RCA connectors
3. Output Selections: Direct VGA Resolution Output Selections
4. Video bandwidth : 350MHz, (-3dB)
5. Audio Bandwidth: 50MHz, (-3dB)
6. Audio Frequency Response : 20Hz-20KHz
7. Safety Approvals: CE, FCC
8. Dimension(LxWxH): 3"x 3.15"x 1"(176mm x 80mm x 25mm)
9. Power Supply: 12VDC, Universal type 50/60Hz 100-230 VAC

## SB-2834

### VIDEO / S-VIDEO To COMPONENT CONVERTER COMPONENT VIDEO CONVERTER

Inputs : 1x Composite Video, 1x S-Video(Y/C)  
1x Stereo Audio(AR/LAL)

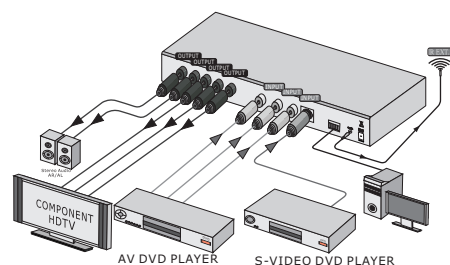
Outputs: 1x Component(YPBPR), 1x Digital Audio, 1x Audio



#### FEATURES

1. Support CVB S/SV to Component Video Converter
2. Inputs Video : 1x Composite Video & 1x S-Video (Y/C)  
Audio : 1x Stereo Audio(AR/LAL)  
Outputs Video : 1x Component Video (YPBPR)  
Audio : 1x Digital Audio(PCM), 1x Stereo Audio(AR/LAL)
3. Automatic detection TV Standards system NTSC-M3, 58, NTSC-J Ei a, PAL, PAL-N, PAL-60, PAL-M input system
4. Automatic control UP and Down Screen when Video or S-Video in/out
5. Direct Selection the Component Video 480p/ 720p/ 1080p Resolutions output
6. Support 5% of overscan range of HDTV Screen output
7. Support Screen up/ down and adjusted
8. Support wall mount type

### SB-2834 CV/SV > COMPONENT CONVERTER



#### SPECIFICATIONS

1. Input Signals: Video: Composite Video 1x RCA & 1x S-Video(Y/C) & 1x 4p Mini-Din Connector  
Audio: Stereo Audio(AR/LAL) 2x RCA & Digital Audio via 1x RCA Connector
2. Outputs Signals: Video : Component Video(YPBPR) via 3x RCA connectors  
Audio: Stereo Audio(AR/LAL) 2x RCA Connectors
3. Output Selection: Direct Component Video Resolution and Frequency 50/60Hz Output Selections
4. Video Bandwidth : 200MHz, (-3dB)
5. Audio Frequency Response : 50 MHz, (-3dB)
6. Audio Bandwidth: 20 Hz~ 20 KHz
7. Safety Approvals: CE, FCC
8. Dimension (LxWxH): 8.66" x 4.48" x 1.76" (220mm x 114mm x 44mm)
9. Power Supply: 12VDC, Universal type 50/60Hz 100-240 VAC



## SB-3800

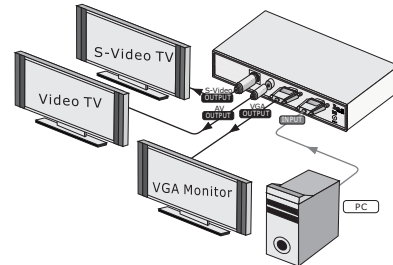
### PC-VGA To NTSC • PAL VIDEO CONVERTER

VGA S-VIDEO VIDEO CONVERTER

Inputs : 1x VGA(RGBHV)  
Outputs : 1x VGA, 1x S-Video(Y/C), 1x Composite Video



### SB-3800 PC to S-VIDEO • COMPOSITE VIDEO



01

#### FEATURES

1. Support VGA To VGA / Video / S-Video Converter
2. Input : 1x VGA (1024x768 Maximum)  
Output : 1x VGA + S-Video + Composite Video
3. Support High VGA resolution Inputs:  
VGA 640x480, SVGA 800x600, XGA (1024x768 Maximum)
4. Support Multi-TV Video or S-Video standard system , and NTS C3.58, NTSC-J, PAL-BDIGK system
5. VGA Down to Composite or S-Video TV NTSC/PAL system
6. Direct TV video standard system selections
7. Support lower power consumed full load under 210 mA
8. Power supply offers a universal type 100~240 VAC switch

#### SPECIFICATIONS

1. Type of Converter: PC To S-Video/Composite Video Converter
2. Accept Signals: VGA/S-Video/Composite Video connectors
3. Color Subcarrier Frequency: NTSC-3.589545/PAL-4.433619/PAL-M3.575611/PAL-N3.582056MHz
4. Video Output: 1 V-pp,75 Ohms
5. PAL/NTSC Line Conversion: 525 625 Lines
6. PAL/NTSC Field Conversion: 50 60 Hz Fields
7. Safety Approvals: CE, FCC
8. Dimensions (LxWxH.): 7.87" (200mm) 5.12 x " (130mm) x 1.73" (44mm)
9. Net Weight (Unit Only): About 0.45kg/1 lb
10. Power Voltage Input : DC 12V @ 1A

## SB-3860

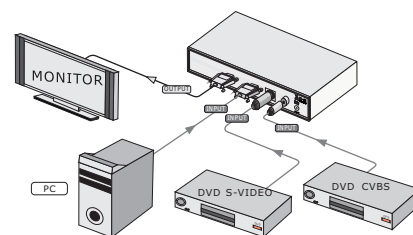
### NTSC/PAL VIDEO To PC-VGA CONVERTER

VGA S-VIDEO VIDEO CONVERTER

Inputs : 1x S-Video(Y/C)), 1x Video, 1x VGA(RGBHV)  
Outputs : 1x VGA(RGBHV)



### SB-3860 S-VIDEO • COMPOSITE to VGA



#### FEATURES

1. Support VIDEO / S-VIDEO To VGA Converter
2. Input: 1x S-Video + 1x Composite Video, 1x VGA output  
Output: 1x VGA ( Output Resolution up to SXGA 1280x1024 Maximum)
3. Support High VGA resolutions Outputs:  
VGA 640x480, SVGA 800x600, XGA 1024x768, SXGA 1280x1024(Maximum)
4. Support Multi-TV Video or S-Video standard system inputs:  
NTSC 3.58, NTSC-J, PAL, PAL-N, PAL-N Com-n, PAL-M, PAL60
5. Output scale up Composite or S-Video to SVGA high resolution
6. Direct Video/ S-Video inputs selections on front panel
7. Auto Scan TV Video standard system inputs
8. Direct VGA output resolutions selections
9. Support lower power consumed full load under 810 mA
10. Power supply offer a universal type 100~240 VAC switch

#### SPECIFICATIONS

1. Type of Converter: S-Video/Composite Video To VGA Converter
2. Type of Signal: VGA/S-Video/Composite Video connectors
3. Color Subcarrier Frequency: NTSC-3.589545/PAL-4.433619/PAL-M3.575611/PAL-N3.582056MHz
4. Video Output: 1 V-pp,75 Ohms
5. PAL/NTSC line Conversion: 525 625 Lines
6. PAL/NTSC Field Conversion: 50 60 Hz Fields
7. Safety Approvals: CE, FCC, VCCI
8. Dimensions (WxLxH): 7.87"x5.12 " x 1.73" (200mmx130mmx44mm)
9. Net Weight (Unit Only): About 0.45kg/1 lb (with metal case)
10. Power Voltage Input : DC 12V @ 2A

## SB-3690

### NTSC/PAL/VGA To NTSC/PAL/VGA MULTI-VIDEO CONVERTER

CONVERTER

Inputs : 1x Composite Video, 1x S-Video(Y/C), 1x VGA  
Outputs : 1x Composite Video, 1x S-Video(Y/C), 1x VGA

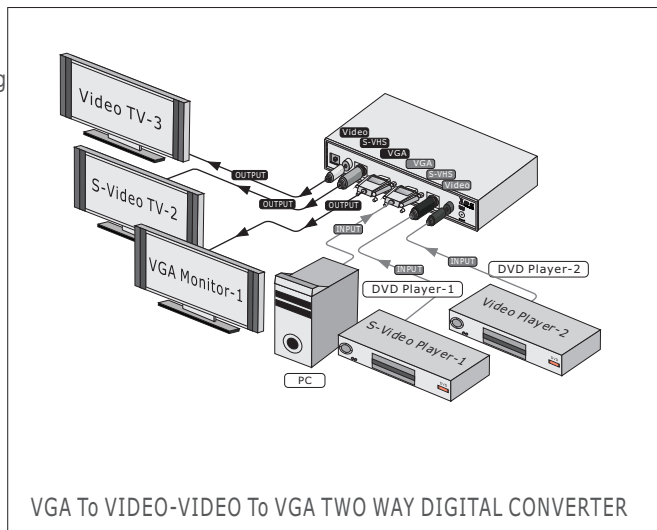


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#### INTRODUCTION

The SB-3690 Multi-video system converter is designed to convert TV Video systems or computer VGA signal with Digital Signal Processing (DSP), and output through VGA format or worldwide video format. It also regenerates sync- pulse and can help stabilize video signals with poor quality, such as video from multi-generation video tape. It embodies many useful features such as Composite, S-Video, and VGA.

#### SB-3690 VGA • NTSC • PAL to VGA • NTSC • PAL



#### FEATURES

1. Support VGA / NTSC / PAL To VGA / NTSC / PAL Converter
2. Input: 1x VGA (1024x768 Maximum) +S-Video+Composite Video  
Output: 1x VGA (1280x1024 Maximum)+S-Video+Composite Video
3. Support High VGA resolution Inputs and Outputs:  
VGA 640x480, SVGA 800x600, XGA 1024x768, SXGA 1280x1024(Maximum)
4. Support Multi-TV Video Standard System Inputs and Outputs:  
NTSC3.58, NTSC-J, PAL, PAL-N, PAL-N Com-n, PAL-M, PAL60
5. Support VGA down To Composite or S-Video TV NTSC/PAL System
6. Composite or S-Video scaling up To SVGA High resolution output
7. VGA To Video Scaling down and Video to VGA Scaling Up function
8. Direct inputs selections for VGA, Video, S-Video
9. Direct selections for TV Video Standard System
10. Direct resolutions selections for VGA output

#### SPECIFICATIONS

1. Type of Converter: VGA/NTSC/PAL To VGA/NTSC/PAL Converter
2. Type of Signal: VGA/S-Video /Composite Video connectors
3. Color Subcarrier Frequency: NTSC-3.58 / NTSC-J 4.43  
PAL-4.433 619 / PAL-M 3.575 611 / PAL-N 3.582 056 Mhz / PAL-60
4. Video Output: 0.5 V-pp~2V-pp,75 Ohms.
5. PAL/NTSC line Conversion : 525~625Lines
6. PAL/NTSC Field Conversion : 50~60 Hz Fields
7. VGA Resolutions : VGA(640x480), SVGA(800x600), XGA(1024x768), Maximum SXGA(1280x1024)
8. Safety Approvals: CE, FCC, VCCI
9. Dimension: 9.45"x5.71"x1.77" (240mmx145mmx45mm)
10. Power Supply: 12VDC, 100~230 VAC universal Switch.
11. Net Weight (Unit Only) : About 0.5kg /1.1 lb

## SB-3686

### NTSC/PAL To NTSC/PAL DIGITAL CONVERTER

S-VIDEO VIDEO CONVERTER

Inputs : 1x Composite Video, 1x S-Video(Y/C)

Outputs : 1x Composite Video, 1x S-Video(Y/C)



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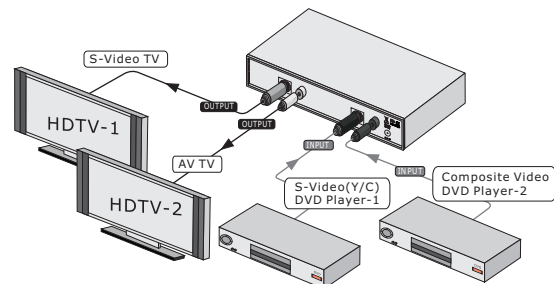
#### INTRODUCTION

The UPGRADE SB-3686 uses digital process to convert NTSC/PAL television signal to NTSC or PAL.

This product also regenerates sync-pulse and can help stabilize poor quality video signals such as signals from multi-generation video tape.

It embodies many useful functions such as composite or S-Video selectable inputs which are manual pressed on the rear.

#### SB-3686 NTSC/PAL TWO WAY CONVERTER



#### NTSC/PAL TWO WAY DIGITAL CONVERTER

#### FEATURES

1. Support NTSC / PAL To NTSC / PAL Digital Converter
2. Input: 1x S-Video(Y/C) + 1x Composite Video  
Output: 1x S-Video(Y/C) + 1x Composite Video
3. Auto scan TV standard system inputs:  
NTSC 3.58, NTSC-J, PAL, PAL-N, PAL-N Com-n, PAL-M, PAL60
4. Support Composite Video or S-Video Output System :  
NTSC 3.58, NTSC-J, PAL, PAL-N, PAL-N Com-n, PAL-M
5. Auto Line Field Control NTSC-525 / PAL-625 Function
6. Direct Video, S-Video inputs selections
7. Direct TV System NTSC 3.58, NTSC-J, PAL, PAL-N, PAL-N Com-n, PAL-M selections
8. Support low power switch DC 12V

#### SPECIFICATIONS

1. Type of Converter: NTSC/PAL To NTSC/PAL Digital Converter
2. Type of Signal: S-Video(Y/C)/Composite Video connectors
3. Color Subcarrier Frequency:  
NTSC-3.58 / NTSC-J 4.43  
PAL-4.433619 / PAL-M 3.575611 / PAL-N 3.582056 Mhz / PAL-60
4. Video Output: 0.5 V<sub>pp</sub>~2V<sub>pp</sub>, 75 Ohms.
5. PAL/NTSC line Conversion: 525↔625 Lines
6. PAL/NTSC Field Conversion: 50↔60 Hz Fields
7. Safety Approvals: CE, FCC, RoHS(2002/95/EC)
8. Dimension: 7.7" x 4.8" x 1.7"(203mm x 123mm x 43mm)
9. Power Supply: 12VDC, 100~230 VAC Universal Switch.