

SB-3690A

Multi-Video System Converter



Input : 1x Composite Video / Stereo Audio (AR/AL),
 1x Component Video / Stereo Audio (AR/AL), 1x VGA / Audio, 1x HDMI
 Output : 1x VGA / Audio, 1x HDMI, 1x S/PDIF, 1x Composite Video

SCALER VIDEO PRO VGA HDMI
 COMPONENT COMPOSITE

01

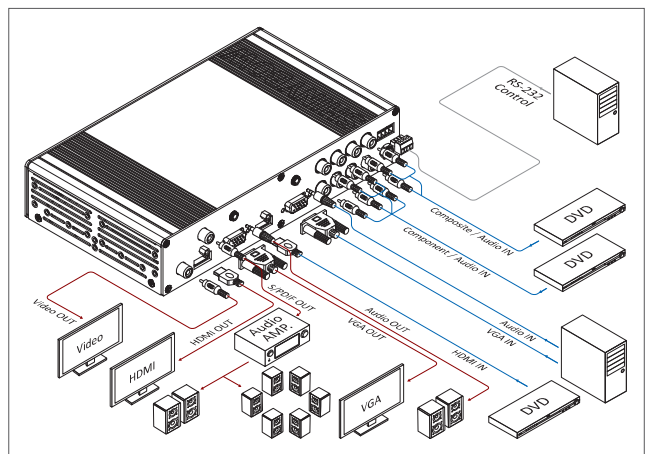


Ear Rack :
 #WM-1INCH-130MM

INTRODUCTION

The SB-3690A is a high performance video graphics scaler supporting four (4) different video Input signal types including 1xComposite Video with Audio, 1x Component Video with Audio, 1x VGA with Audio and 1x HDMI™. The available Output ports 1x HDMI™, 1x Composite Video and 1x VGA. ALL Output ports are active simultaneously. This scaler supports HDMI™ 1.3 formats and is HDCP 1.2 Compliant. The SB-3690A Auto-detects the Input video standard in the form of NTSC,PAL and SECAM systems and converts to High Definition RGB digital HD signal. The scaler supports full HDTV resolution 480i/p, 576i/p, 720p or 1080i/p-60Hz formats, higher DVI resolution up to 1920x1200. Zoom management can be selected between 5 modes. Input resolutions can be scaling up to 1080p and scaling down to 480p. Support menu for controlling brightness, contrast and saturation. Control is provided via front panel buttons with LED display, RS-232 or wireless IR remote control (included).

DIAGRAM TYPICAL



FEATURES

- Multi-Video Input from Video / Comp. / VGA / HDMI To Video / VGA / HDMI Digital Scaler
- Input : 1x Composite Video, 1x Component Video (YPbPr), 1x VGA and 1x HDMI
- Output : 1x Composite Video, 1x VGA(XGA to WUXGA) and 1x HDMI
- HDMI Video Scaler Support HDMI 1.3, HDCP 1.2 Compliant
- Support High VGA resolution Inputs and Output :
 VGA 640x480, SVGA 800x600, XGA 1024x768, WUXGA 1920x1200 (Maximum)
- Support Multi-TV Video Standard System Inputs and Output :
 NTSC3.58, NTSC-J, PAL, PAL-N, PAL-N Com-n, PAL-M, PAL60
- Input resolution Maximum 1080i 1920x1080 (only in Component Video)
- Support menu for controlling brightness, contrast and saturation
- Zoom management can be selected between 5 modes
- Provide IR remote control (38KHz)
- Various User Interface control :
 - Front Panel push button
 - IR wireless remote control
 - RS 232 interface control driver for 95/98/2000/xp
- Power supply DC12Volt, Universal Type switch 100~240VAC, 50/60Hz

SPECIFICATIONS

Type of Converter	4 in 3 out HDMI MultiVideo Scaler Converter
Video Input Signal	1x Composite Video, 1x Component (YPbPr), 1x VGA (RGBHV) and 1x HDMI
Audio Input	1x Stereo Audio (Video), 1x Stereo Audio (Comp.) and 1x Stereo Audio (VGA)
Video Output Signal	1x Composite Video, 1x VGA and 1x HDMI
Audio Output	1x Stereo Audio (PCM-2ch), 1x S/PDIF
HDMI/HDCP Support	HDMI 1.3 Receiver & Trasnmitter, compliant with HDCP 1.2
Video Color Subcarrier	NTSC-3.58 / NTSC-J 4.43 / PAL-4.433619 / PAL-M 3.575611 / PAL-N 3.582056 Mhz / PAL-60, 0.5 V-pp~2V-pp,75 Ohms
Frequency	VGA (640x480), SVGA (800x600), XGA (1024x768), Maximum WUXGA (1920x1200)
VGA Resolutions	VGA (640x480), SVGA (800x600), XGA (1024x768), Maximum WUXGA (1920x1200)
PAL/NTSC line Conversion	Composite Video 525 / 625Lines
PAL/NTSC Field Conversion	Composite 50 / 60 Hz Fields
Input Resolution	Component Video input Maximum 1080i-60 1920x1080
Output Scaler	HDMI up to 1080p-60 and PC up to WXGA 1920x1200
Source Status	Automatic scanning of input/output status
HDMI Cable Distance	Max. 15 meters (~49 feet), depending on cable quality
Infrared Frequency	38KHz
Chassis Material	Metal
Control	Front Panel, IR and RS-232
Safety Approvals	CE, FCC
Wall Mount Bracket	1 inch High Wall Mount Bracket (#WM-1INCH-130MM)
Dimension (WxDxH)	8.66" x 5.03" x 1.73" (220mm x 128mm x 44mm)
Weight	1.2 kg / 2.64 lb
Power Supply	DC 12V, @1.25A (World Wide Universal AC 100~240V 50/60Hz)