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Ultra Video to VGA Converter
Triple-Level Video Scaler

Operation Manual



Ambery Model: AV-8

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This ultra video to VGA converter allows you to watch videos at high resolution on a computer monitor, projector, LCD/TFT flat panel, Plasma/LCD TV, HDTV monitor or any other VGA display. It accepts both composite video and s-video inputs plugged in at the same time and outputs at 3 selectable high resolutions VGA signals with sharp & crystal clear images for sensational visual experiences.

Features:

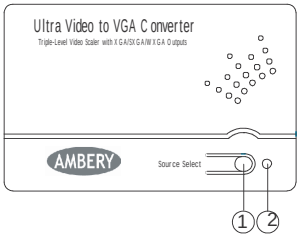
- Converts analog interlaced video signals into progressive scan VGA signals.
- Triple-level video upscaler with high video definition outputs up to WXGA 1366x768 pixels for displays.
- Fully supports 16:9 wide-screen expansion for large-screen Plasma panel and HDTV display and 4:3 ratio for standard projection or PC VGA screen displays as well.
- Operates in NTSC 3.58 and PAL system.
- Motion adaptive 3D Y/C separation comb filter.
- 3D (frame based) motion adaptive YNR/CNR noise reduction(for Y/C video input)
- Advance 3D motion adaptive de-interlace.
- Automatic 2:2 & 3:2 film mode detection
- 50/60Hz frame rate conversion ensures glitch-free display
- High-resolution VGA RGBHV output pictures.
- Plug & play. No driver/software required for operation.
- Palm size.

This package includes:

1. Ultra video to VGA converter
2. Universal AC/DC adaptor
3. User manual

Operation Controls and Functions:

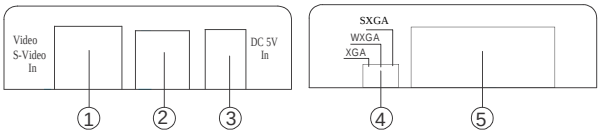
Top Panel



1. Input select button: Input selection switch toggles between composite and S-Video input source.
   Green light illuminates when you have selected a composite input signal, whilst orange light means you have selected an S-Video input signal.
2. LED Indicator : LED indicator shows which input signal is selected.

Operation Controls and Functions:

Front and Real Panel

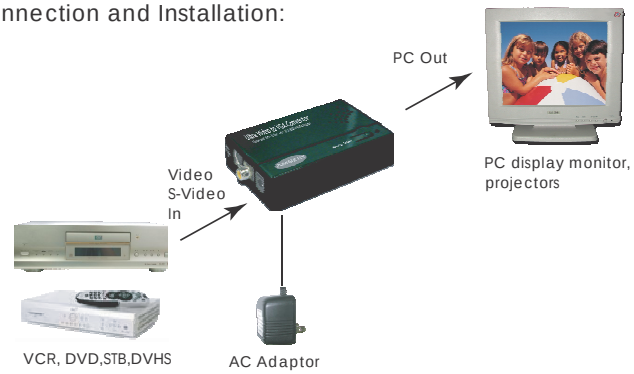


1. S-Video input.
2. Composite video input.
3. DC power supply input.
4. VGA output switch: Output resolution selection: XGA 1024x768, SXGA 1280x1024 and WXGA 1366x768, all at 60Hz vertical rate.
5. VGA output:HD-15 Female connector.

Specification:

- Input connectors: Composite video (RCA jack)x1, 1 Vp-p 75 ohm /S-video (mini-din) x 1, 1Vp-p 75 ohm
- Input source selection: Press the input select switch to select between composite and s-video.
- Output connectors: D-sub 15 female (RGB 0.7Vp-p 75 ohm, H/sync. 3 Vp-p, V/sync. 3Vp-p)x 1
- Output resolutions:
  XGA: 1024 x 768 @60Hz
  SXGA: 1280 x 1024 @60HZ
  WXGA: 1366 x 768 @60Hz (wide-screen mode)
- Power: DC 5V 1A, center positive
- Dimensions: 153x122x57mm
- Weight: 200gs

Connection and Installation:



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