NTSC/PAL to VGA Convertor

Converter with PC and Audio Bypass (CM-331)

Operation Manual

Introduction

This unit automatically converts any video signal (NTSC, PAL or SECAM) into a high resolution VGA signal.

Precautions
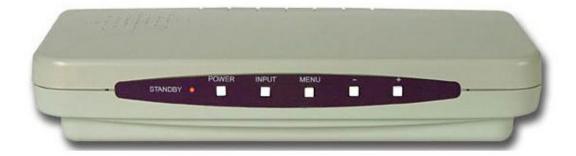
1. Do not expose this product to direct sunlight.
2. Keep the unit away from radiator, heat sources and magnetic field.
3. Do not place it in very dusty or humid locations.
4. Use this unit in a horizontal position only.
5. Do not put heavy objects on top of the converter.
6. Put the unit in an open space that has good ventilation.
7. If the unit is acting abnormally keep the unit away from TV or other electronic equipment.
8. Unplug the unit from the power supply when it is not to be used for a long period of time.

Features

- Operates in NTSC 3.58, NTSC 4.43, PAL, PAL M, PAL N, or SECAM automatically.
- Superior VGA quality.
- Adjustable control on Color, Brightness, Contrast and Tint.
- Plug & Play - No software driver required.
- On Screen Display (OSD) adjustment.
- Stereo audio input and output.
- Bypassed PC output saves the work of re-plugging when changing source between video and PC inputs.

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44-48 Maitland Road, Mayfield East, NSW, 2304 Australia, sales@converters.tv
Phone +61 249689313   Fax +61 249689314
www.converters.tv

Operation controls and functions

Front Panel

1. **Power ON indicator-** The indicator will light up when the power is on.
2. **Power ON/OFF button-** This is the button used to turn on or off the unit.
3. **Input button-** Pressing the button allows for manual selection of 2 input sources and then by passed PC source signal is chosen. Repeatedly pressing the input button toggles through the available inputs from PC, S-Video or Composite-Video.
4. **Menu button-**It is capable of adjusting various signal parameters of the incoming Composite or S-Video.
   Repeatedly pressing the menu button toggles through the available adjustments, as indicated on screen display. Those adjustment controls include- brightness, contrast, colour and tint.
5. **+/- Buttons-** Pressing the + button increases the value of each adjustment control selected, e.g. by pressing the + button you may choose to increase the level of picture brightness.
   Pressing the – button decreases the value of the adjustment control selected.

- **NOTE-**1. The settings are automatically saved after adjustment.
   2. These adjustments have no effect on the incoming computer signal, which is simply passed through the unit.
   3. Press + and – buttons together in order to return to default values.

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Rear Panel

1. **DC- 7.5V-** This is the power supply input port.
2. **V-In-** This is the Composite Video input port.
3. **S-In-** This is the S-Video input port.
4. **PC In-** This is the PC input port. Connect the computers VGA output signal to the HD 15 connector PC input port.
5. **PC Out-** This is the PC output port. Connect the RGBHV output to the destination computer monitor or other display device via HD 15 connector PC Output port.
6. **V-L/V-R Audio Input-** This is the stereo audio input for V-In video source.
7. **S-L/S-R Audio Input-** This is the stereo audio input for S-In video source.
8. **PC Audio Input-** This is the audio input for video source.
9. **Audio Output-** This is the audio output to amplifier.

Connection and Installation

The AC adaptor power unit should not be plugged into a wall outlet until all connections are complete.

- Connect the Audio amplifier into the audio output port (Number 9 on rear panel).
- Connect your audio input video source (PC/Notebook/Mac) into the PC input port (Number 8 on the rear panel).
- Connect your audio input video source (either Composite Video or S-Video) into either the V-L/V-R or S-L/S-R input ports (Number 6/7 on the rear panel).
- Connect the computers VGA output signal to the HD 15 connector PC input port (Number 5 on rear panel).
- Connect the RGBHV output to the destination computer monitor or other display device via HD 15 connector PC Output port (Number 4 on rear panel).
- Connect your Composite Video/S-Video input device to the V-In/S-In port (Number 2/3 on rear panel).

Once all connections are complete, switch the power button ON and please connect the power supply provided to the power socket.

NOTE - this model does not work with LCD Panels.

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Specifications

Input Signal	1 x Composite Video: 1 Vp-p 75 ohm RCA jack. 1 x S-Video: Y/C in, 4 Pin Din connector. 1 x VGA: 0.7 Vp-p RGB, 15 Pin D-Sub connector. 1 x S Audio (R, L) 1 x V Audio (R, L) 1 x PC Audio
Output Signal	1 x VGA: 0.7 Vp-p RGB, 15 Pin D-Sub connector. 1 x Audio: 47k ohm 350m Vrms phone jack.
Power Supply	DC 7.5V 300mA Center positive
Dimensions	290 (W) x 145 (D) 50 (H) mm
Accessory	AC adaptor, one set of video RCA cable, one set of audio RCA cable.