VGA to NTSC/Pal Video Converter/

(CPT-360)

Operation Manual

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Introduction

This unit allows information from your computer (VGA) to be viewed on a TV in either PAL or NTSC. It converts three most often used PC modes- 1024 x 768, 800 x 600, 640 x 480 into NTSC and PAL with a touch of the remote control.

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

- Plug-and-play design, no software drivers required.
- Cross-platform compatibility for PC, Macintosh and Notebook.
- 3 levels of brightness control plus 8 levels of sharpness control.
- Traditional Zoom & Pan.
- 2X Zoom for one specific area.
- Screen freeze/unfreeze.
- Vertical and horizontal over-scan/under-scan control.
- Simultaneous display on PC and TV monitor.
- Composite, S-Video (S-VHS or Hi-8) and RGB output.
- Video output available in NTSC and PAL.
- Automatically supports scan rate from 50 Hz up to 100Hz.
- Selective high clarity 5-line anti-flicker filter.
- Built-in colour bar generator.

Operation controls and functions

Front Panel

1. **Stand-by indicator-** The indicator will light up when in stand-by mode.
2. **ON indicator-** This indicator will light up when in power ON mode.
3. **Power button-** Push this button in order to turn the power ON, or release to switch the power off.
4. **Zoom button-** Push the button to zoom the picture.
5. **Over-scan button-** Push the button to over-scan/under-scan the picture.
6. ◀ **Button-** Push this button in order to pan the picture left.
7. ▶ **Button-** Push this button in order to pan the picture right.
8. ▼ **Button-** Push this button in order to pan the picture down.
9. ▲ **Button-** Push this button in order to pan the picture up.
10. **Remote control sensor.**

Remote Control functions:

1. **Reset button-**Reset the Screen.
2. **Over-scan button-**Over-scan and under-scan control.
3. **Power button-**Power ON/OFF.
4. **Bright button-**Adjust the brightness.
5. **Sharp button-**Adjust the sharpness.
6. **Col/BW button-**Show the picture colour or B/W.
7. **Freeze button-**Freeze/Unfreeze the picture.
8. **Colour bar button-** Show the built-in colour bar.
9. **Zoom for special area**- This button allows you to zoom IN/OUT of a special area.
10. **Zoom button-**Zoom ON/OFF control.
11. **Pan the picture, up, down, left or right.**

Rear panel

1. **DC Power supply input-** This is the power supply input port. Connect the power supply to the port.
2. **VGA In-** This is the VGA input port. Using the appropriate connector cable, connect the VGA In to your input device.
3. **VGA Out-** This is the VGA output port. Using the appropriate connector cable, connect the VGA Out to your output device.
4. **RGB Out-** This is the RGB output port. Connect the RGB output port to the RGB output device using the appropriate connector cable (optional).
5. **Select Video/S-out or RGB out individually-** Either switch the button to VS output or RGB output, thus you will individually select one or the other.
6. **V-out-** This is the Video output port. Using the appropriate connector cable, connect the V-Out to your video output device.
7. **S-out-** This is the S-Video output port. Using the appropriate connector cable, connect the S-Video Out to your S-Video output device.
8. **Select NTSC or PAL Out-** Switch the button to the output signal desired, either PAL or NTSC.

Connection and Installation

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

- The VGA Input port (Number 2 on the rear panel) connects the converter to a VGA device, generally a computer.
- The VGA output port (Number 3 on rear panel) connects the converter to a computer monitor.
- A Female connector cable is required to output VGA, whereas a Male connector cable is required to input VGA.
- The RGB output port (Number 4 on the rear panel) connects the converter to a device that accepts scart.
- Connect your video recorder or TV output devices to either the Composite Video output port or the S-Video output port (Number 6 or 7 on rear panel), where your output signal will either be PAL or NTSC.
- Switch the NTSC/PAL Out button to the signal desired, either PAL or NTSC.
- **NOTE- Select Video/S-Video Out or RGB Out individually.**

Once all connections are complete please connect the power supply provided to the power socket

Specifications

Input signal	VGA, Macintosh, Notebook. Horizontal frequency- 24KHz~48KHz. Vertical frequency- 50 Hz~100Hz.
Output signal	Composite Video, S-Video, RGB (In NTSC or PAL- switchable), loop-through VGA output.
Power supply	DC 6V 1A Center negative
Accessory	Remote Controller.
Dimension	192 (D) x 140 (W) x 37 (H) mm
Weight	800 grams