

Video Converter User Manual
AV/BNC TO VGA

PID # 4723



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I. Introduction

This video converter can convert the source signals of CVBS, VIDEO and S-VIDEO into VGA signal. With adoption of advanced video straight-through technology, the source signals of BNC, AV and S-VIDEO can be converted into VGA signal without any data loss. What's more, the parameters of the program source such as brightness and contrast are adjustable. It supports plug-and-play, no driver program installation is needed.

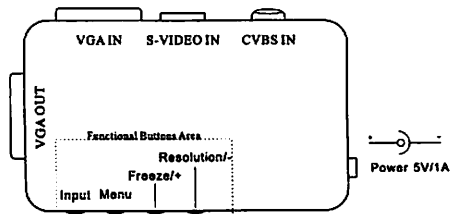
II. Performance Features

1. Supported conversion of video signal formats: from CVBS or S-VIDEO signal into frequency multiplication processed high-resolution VGA signal.
2. Multiple input signal formats are supported: CVBS, S-VIDEO and VGA. Also automatic identification of the two color systems i.e. PAL and NTSC is supported.
3. Supported output resolutions: 800×600@60HZ, 800×600@75HZ, 1024×768@60HZ
4. Image freeze.
5. Adjustable brightness, contrast, color saturation and hue.
6. Current working status can be saved on accidental power-off.
7. Remote control supported (remote controller optional).
8. Caption prompts function for all operation and status.
9. Dimensions: 105mm(max. length)x 65mm(max. width)x 27mm(max. Height).

III. Product Parts List (standard configuration)

Parts Name	Quantity	Notes
Host machine	1	
VGA cable	1	
VIDEO cable	1	
S-VIDEO cable	1	
Power supply cable	1	5V/1A
User manual	1	

IV. Sketch Map



V. Ports Description (refer to the sketch in Section IV)

- VGA OUT.....to PC monitor
- VGA IN.....to PC graphic card
- S-VIDEO IN.....to DVD/VCD etc.
- CVBS INto monitor camera or video matrix
- Power 5V/1A.....to 5V/1A power supply

VI. Installation and Settings

1. Get the product well connected according to “Connection Sketch of Video Converter” on Page 7.

2. Select the source signal and adjust the picture color quality. A brief description of the keys are as the following:

◇ **Input**.... Video input selection: switch between CVBS >>S_VIDEO(C/Y) >> VGA

◇ **Menu**.... Menu key: switch for adjustments between menu items Brightness, Contrast, Color saturation and Hue.

When BRI is displayed, press **Freeze/+** to increase the brightness of image and **Resolution/-** to decrease.

When CON prompt is displayed, press the **Freeze/+** to increase the contract degree of image and press **Resolution/-** to decrease.

When COL prompt is displayed, press the **Freeze/+** to increase the color saturation of image and press **Resolution/-** to decrease.

When HUE prompt is displayed, press the **Freeze/+** to increase image hue and press **Resolution/-** to decrease.

- ◇ Press to **Freeze /+** unfreeze the image when MENU is closed.
- ◇ When MENU is closed, press to choose **Resolution/-**: 800*600 @ 60Hz, 800*600 @ 75Hz or 1024*768 @ 60Hz.
- ◇ Press **Input and Resolution/-** at the same time to restore the **default settings**.

Default settings:

Signal input channel: CVBS

Output resolution: 800*600 @ 60Hz

Brightness: 35 Contrast: 50

Color saturation: 45 Hue: 0

3. Notes for installation and configuration:

- ◇ Power: please use 5V/1A DC power supply, otherwise the product may not work normally or may get burnt.
- ◇ Input video signal:
Supports S_video and CVBS, self-adaptive to PAL/NTSC System. Signal peak value: 1.0Vpp
Resistance: 75 Ω

- ◇ Output VGA signal (when S-VIDEO or CVBS is selected):
 - R,G,B signal peak value: 0.7Vpp resistance: 75Ω
 - Field synchronizing signal peak value: 3Vpp resistance: 75Ω
 - Line synchronizing signal peak value: 3Vpp resistance: 75Ω

- ◇ Button

Button type: single.

Single button operation: press down the button and for at least 75ms, then release.

Combined operation: press down and hold the first button, and then press down the second button, keep both buttons pressed down for at least 75ms, then release.

VII. Troubleshooting

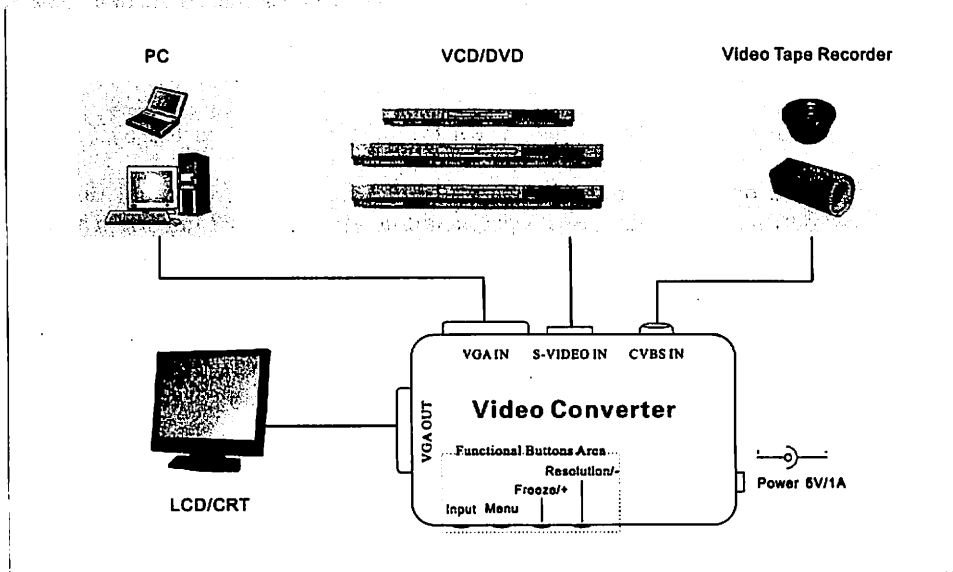
1. No VGA output displayed

Check to see if the power is connected, if the indicators are lighted. Also check if the output equipment is normal condition, and if blue screen or no screen is displayed, check to see if the video input or the output switch port is correct.

2. No image displayed on monitor

Press Input to select video output.

Connection Sketch of Video Converter



PRODUCT WARRANTY CARD

Warranty Protocol

Thank you for choosing our product. To protect your rights, please read the provisions below carefully, and fill in the contents on the back side.

1. Warranty service refers to the after-sale service provided by our company to our products free of charge and the maintenance service out of warranty period at a reasonable price.
2. If you encounter any quality problem, please contact us with presentation of the Product Warranty Card and valid invoice for maintenance service.
3. Free exchange within 15 days and free maintenance (accessory parts not included) within 1 year after the purchase date, and maintenance service at a reasonable price 1 year after the purchase date.
4. If your problem can't be solved for regular use after our maintenance service for twice, you can choose to get a new one for replacement by presenting your Product Warranty Card with complete maintenance records. Therefore, you are suggested fill in the Product Warranty Card carefully and keep your valid invoice for use.
5. Warranty service will not be available under the following situations:
 - 1) Intentional damages.
 - 2) Damages caused by improper usage, maintenance or storage not in accordance with instructions stated in this User Manual.
 - 3) Without valid product warranty card or valid invoice.
 - 4) Product model number or serial number provided is not the same as that of the product presented.
 - 5) Unauthorized damage or alteration to the Product Warranty Card.
 - 6) Failures caused by the user's maintenance or modification on his own or maintenance performed by people not from our company.
 - 7) Failures or damages caused by force majeure.
 - 8) Exchange or exchange is not applicable if obvious scratches or defects in product surface are found, however free maintenance is provided. Refund or exchange for a whole machine is only for machines with good appearance and package without any missing accessories.
6. This Product Warranty Card is invalid in duplication.
7. This Product Warranty Card is invalid with alteration, and no copy will be issued again for loss, there please keep it well.