

PC VGA to TV Video Converter Hand View III ID# 517



Operation Manual

Introduction

The PC VGA to TV Video Converter-Hand View III is a handed-size universal VGA to TV converter box. It supports resolution up to 1280x1024. Compact size, Power from USB port, easy for carry. It is best for PC GAME, PC DVD, Internet viewing on TV, Entertainment, Education and Presentation.

Features

- Pure hardware design, just **Plug & Display**. No software driver is required and it is compatible with any operation system.
- The PC VGA to TV Video Converter-Hand View II has two model :
 - I. Model one (for NTSC / PAL) :
 - INPUT : VGA, USB 5V
 - OUTPUT : VIDEO, S-VIDEO, VGA (connect to PC Monitor)
 - II. Model two (for Europe) :
 - INPUT : VGA, USB 5V
 - OUTPUT : VIDEO, S-VIDEO, VGA (connect to PC Monitor), **RGB (For EUROPE system RGB SCART input)**
- Simultaneous display on VGA monitor and TV.
- Allows SIZE change (overscan and underscan function) .
- Power from USB port or PS2 port (**optional**) (DC 5V).
- True 24 bit A/D converter for the true 16.7 million color conversion.
- Supports IBM PC and MAC G4.
- Supports one of the following system: NTSC(US/Taiwan), NTSC (JAPAN), PAL, PAL-M, PAL-N system.

Modes and Resolution Table

This converter **supports the** following VGA (IBM PC) display modes:

Resolution	640 x 480	800 x 600	1024 x 768	1280x1024
Vertical Frequency(Hz)	60,72, 75,85	60,72,75,85	60,70,75,85	60

This converter supports the following MAC G4 display modes

Resolution	640 x 480	832 x 624
Vertical Frequency(Hz)	66	75

Application

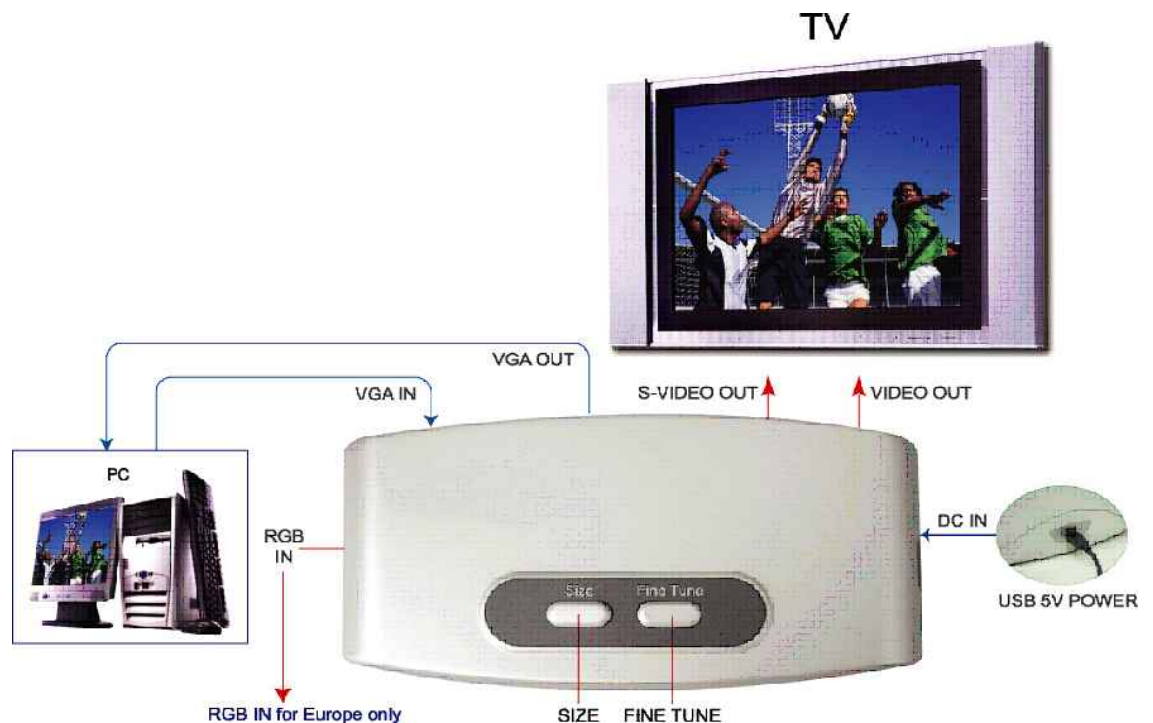
- Entertainment – play VCD, DVD movies, Internet viewing on TV.
Experience PC games on TV.
- Presentations – Ideal for both classrooms and conference rooms.
- Documentation – Capture PC images on video tape.
- Training – Easy software training via video tape.

System

Requirements

- Desktop or Notebook PC compatible with IBM PC with USB port and VGA output.
- TV or VCR which supports NTSC or PAL video standard with composite video input, S-Video input, RGB input (for Europe system).

Installation



Connectors

- **VIDEO OUT :** Connects HAND VIEW III to the VIDEO input of TV/VCR or Video Projector, using a standard video cable (not included).
- **S-VIDEO OUT:** Connects HAND VIEW III to your TV/VCR or Video Projector supporting the S-VIDEO input, using a standard video cable (not included).
- **VGA OUT:** Connects HAND VIEW III to computer monitor(VGA OUT).
- **VGA IN:** Connects HAND VIEW III to PC (VGA IN).
- **USB :** Connects HAND VIEW III to USB port or PS2 port (optional) (DC POWER IN).

NOTE :



The PC to TV Cable also supports high quality S-VIDEO.

If your TV or VCT supports S-VIDEO IN, we highly recommend you use it to get the best TV picture.

Buttons & Switch

- **SIZE : (OVERSCAN / UNDERSCAN) :**

Press this button to select “ OVERSCAN ” or “ UNDERSCAN ” mode .

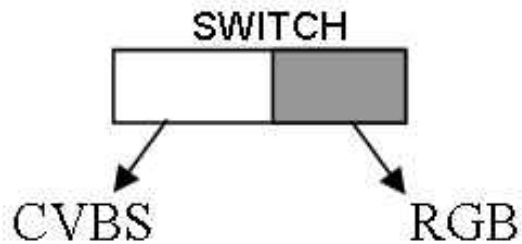
- **FINE TUNE :** Press this button to adjust image quality for TV.



- **CVBS / RGB :**

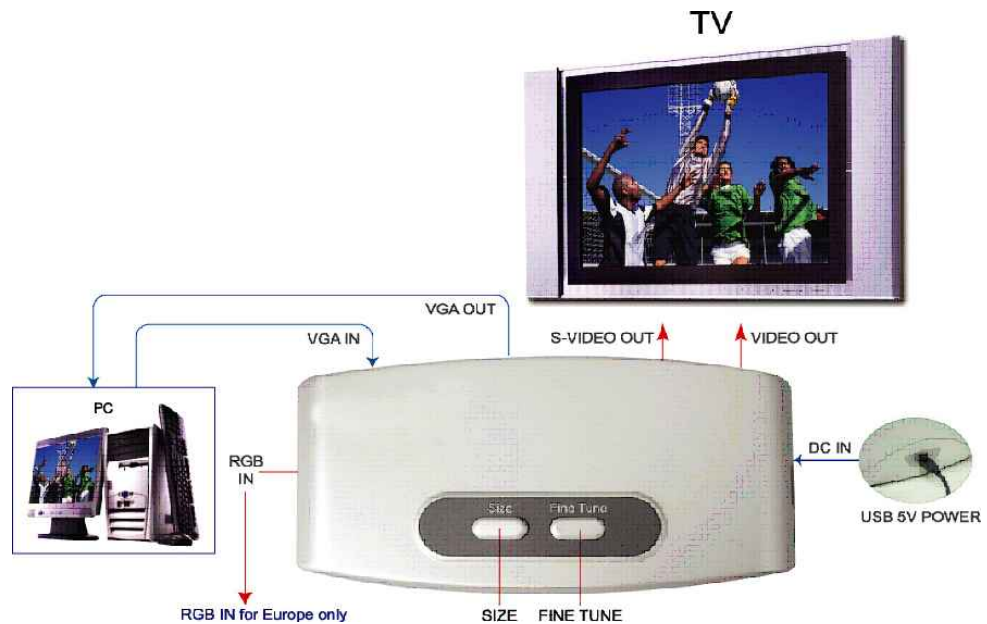
Slide to RGB side, only RGB out connector has function.

Slide to CVBS side, only S-VIDEO out and VIDEO out can output signal.



Installation for IBM PC Users

The HAND VIEW III is a "Plug and Display" video converter. The only requirement to get the output of the computer on the TV is to make the proper connections & ensure that your computer display is set within the supported parameters. Please read the following sections carefully for the installation of the hardware. Please refer to the image below and overview of the process.



IMPORTANT! We highly recommend you to comply with the steps of installation otherwise it will cause you much inconvenience.

1. Make sure your computer's (laptop, notebook or desktop PC) power is turned Off.
2. Connect HAND VIEW III to your TV, VCR or Video Projector supporting the Video Input or S-VIDEO or RGB (for Europe system) Input.
3. Connect HAND VIEW III to monitor.
4. Connect HAND VIEW III to VGA card output of PC.
5. Power on your PC.
6. Connect HAND VIEW III to USB port or PS2 port (optional) of PC.
7. Turn on your TV/VCR/Projector or Monitor to get the picture on them.

Technical Tips

The following are problems that might arise when using the PC to TV converter, and possible solutions to them.

Q & A:

Q: How can I enhance the display quality?

A: You can usually decrease the contrast and increase brightness control to get the better picture.

Q: I connect using a NOTEBOOK PC, but no output is displayed on TV.

A: Check your computer's User's Manual for specific instructions for displaying an external VGA signal or "OUTPUT". (Typically, Many Notebook computers have 3 settings, VGA external only, VGA internal only, and VGA internal & external simultaneously)