

# ***PC VGA to TV Video Converter - Ultimate XP ID# 519***



## **Operation Manual**

## Introduction

PC VGA to TV Video Converter - Ultimate XP is a VGA to Video converter allowing your PC images to be viewed on a standard TV screen, or recorded using VCR's or DVD's. The unit supports resolutions up to UXGA (1600x1200) and can be output via Composite or S-Video and by RGB (Scart) connections.

The PC VGA to TV Video Converter - Ultimate XP is ideal for Professions like Advertising, Academic Lecturers, Retail Businesses or just for Home use, the PC VGA to TV Video Converter - Ultimate XP has simple and easy to use controls.

## Features

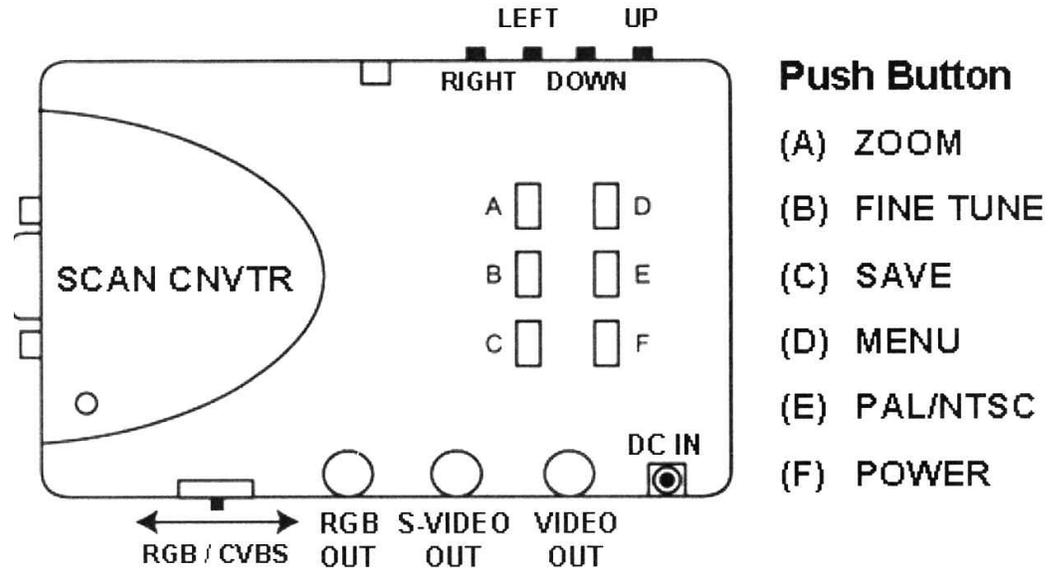
- Plug and Display design. No PC software drivers required.
- Power supplied from the PC's USB or PS/2 ports.
- Simultaneous display on PC VGA monitor and standard TV.
- Supports CV, SV or RGB (Scart) video outputs (switch selectable).
- Easy to use Panel Buttons: Menu (OSD), PAL/NTSC select, Power on/off, Zoom in/out, Fine tune and Save.
- OSD Menu allows control of: Freeze frame, Horizontal/ Vertical Size, Brightness, Contrast, Hue, Saturation, Flicker, OSD Color and Reset.
- Full Remote Control supports above functions.
- Last Setting Save at switch Off/On.
- 24 Bit, True Color Digitizer.

## PC Display Modes & Resolutions

- VGA Display Mode: 640x480, 800x600, 1024x768, 1280x1024, 1600x1200 (also 1152x864 & 1280x960).
- MAC Display Mode (MAC G4, G4 Cubic, G3): 640x480, 832x624, 800x600, 1024x768, 1152x864.
- Apple Display Mode (iMAC and iMAC DV): 640x480, 800x600, 1024x768.

## Operating Functions and Controls Front Panel

The following section shows the function of controlling the PC VGA to TV Video Converter - Ultimate XP. Refer to Figure 1 for the Outline of the PC VGA to TV Video Converter - Ultimate XP.



**Fig. 1**

### Connectors

1. **DC IN** : Plug with USB or PS/2 power cable.
2. **VIDEO OUT** : Connects ULTIMATE XP to the VIDEO input of TV , VCR or Video projector.
3. **S-VIDEO OUT** : Connects ULTIMATE XP to your TV , VCR or Video projector supporting the S-VIDEO input.
4. **RGB OUT (SCART)** : Connects ULTIMATE XP to the RGB input of TV - VCR or Video projector.
5. **SCAN CNVTR** : Connects Y Cable among PC, ULTIMATE XP and monitor.
6. **CVBS/RGB Switch**: Slide to RGB side, only **RGB OUT** connector has function, slide to CVBS side, only **S-OUT** and **VIDEO OUT** connector can output signal.

### Buttons

1. **POWER** : Toggle between power on & off.
2. **SAVE** : Press this button to save customer setting.
3. **PAL/NTSC** : This button selects the video standard. Which includes the following six video standards, "NTSC, NTSC-EIAJ, PAL-M, PAL-N, PAL, PAL combination N". The refresh rate of

NTSC, NTSC-EIAJ and PAL-M is 60Hz. The refresh rate of PAL-N, PAL and PAL combination N is 50Hz.

4. **FINE TUNE** : Press this to fine-tune the video image. (the same as sharpness)
5. **MENU** : Press this button to cyclically activate the functions. The functions are Freeze, Horizontal SIZE (H-SIZE), Vertical SIZE (V-SIZE), Brightness, Contrast, Hue, Saturation, Flicker, OSD color & Reset.
6. **ZOOM** : Toggle between Zoom and Normal display.
7. **UP, DOWN, LEFT, RIGHT** : Press up, down, left & right button to adjust the position of the TV display.

## Remote Controller

1. **POWER** : Toggle between power on & off.
2. **VIDEO STANDARD**: Press this button to select your video system. It supports NTSC, NTSC-EIAJ, PAL-M, PAL-N, PAL, PAL-COMBINATION-N.
3. **MENU** : Press this button to cyclically activate the functions. These functions are Fine Tune, H-SIZE, V-SIZE Brightness, Contrast, Hue, Saturation, Flicker, OSD color & Save.
4. **ZOOM** : Toggle between Zoom and Normal display.
5. **RESET**: Press this button will reset the picture to factory setting.
6. **FREEZE**: Toggle between Freeze and Normal display.
7. **POSITION buttons**: Press up, down, left & right

▲ Up                  ▼ Down                  ◀ Left                  ▶ Right

button to adjust the position of the TV display. These buttons also are used to make adjustments to the setting in the MENU



## Installation for IBM PC Users

The PC VGA to TV Video Converter - Ultimate XP is a "Plug and Display" video converter. The only thing required to get the image of computer on TV is to make the proper connection. Please read the following sections carefully for the installation of the hardware. Please refer to Fig.2 for the installation for IBM PC Users.

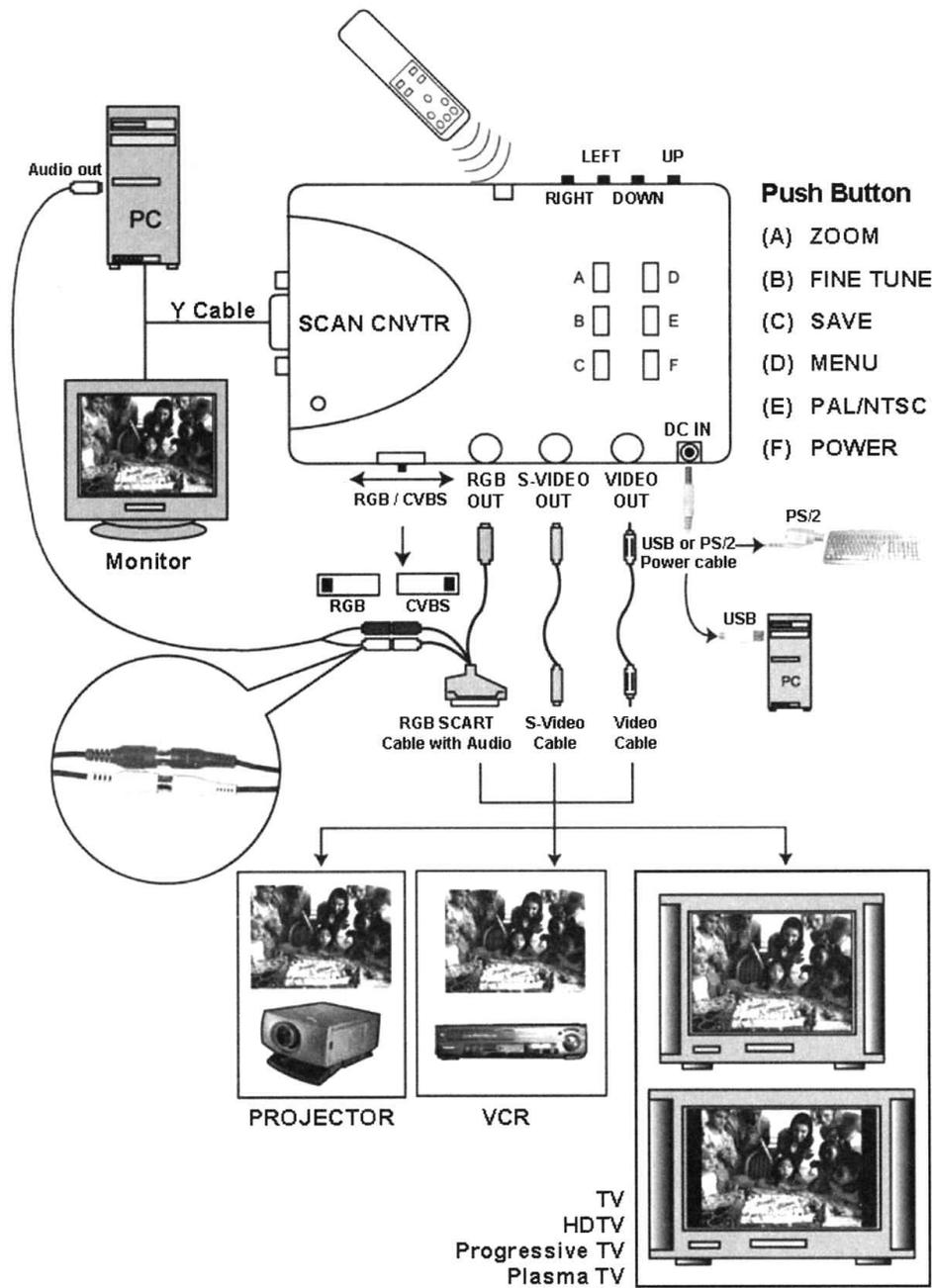
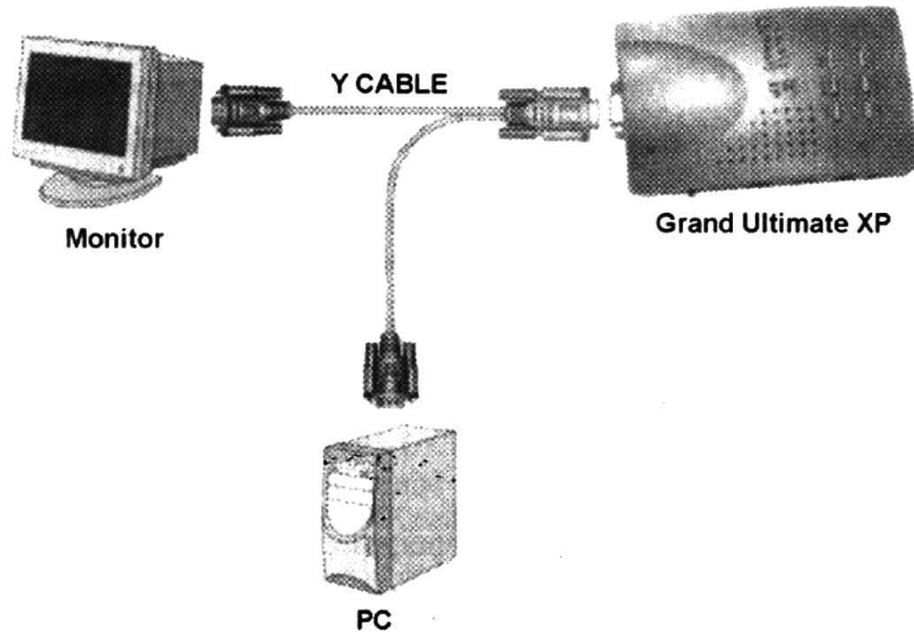


Fig. 2

- Step 1.** Make sure your computer's (laptop, notebook or desktop PC) power is turned OFF.
- Step 2.** Connect the **Y Cable for IBM PC** among computer's **VGA output**, converter's **VGA IN** and **VGA monitor**. Please connect the Y Cable mark "PC" to your computer's VGA output, connect the Y Cable mark with "SCAN CNVTR" to **ULTIMATE XP's** VGA IN and connect the Y Cable mark with "MONITOR" to VGA monitor.



**NOTE :** Please connect the Y Cable carefully as above connecting drawing otherwise it will cause you much inconvenience.

**Step 3 :** With the supplied video cable, connect to the converter's VIDEO OUT to your TV or VCR video input.

**Note :** ULTIMATE XP also supports high quality S-OUT connector and RGB OUT connector.

If your TV or VCR support S-Video IN or RGB VIDEO IN, we highly recommended you to use it to get the best TV picture.

**Step 4 :** Connect one end of the supplied USB or PS/2 power cable to the DC IN port on the ULTIMATE XP and connect the other end to your PC. Step 5 Power on your PC.

**Step 6 :** Power on the ULTIMATE XP.

**Step 7 :** Turn on your TV or VCR, and select the input from VIDEO IN, then you can get the picture on TV.

## Specifications

- **Video Type:** NTSC/PAL.
- **Video Outputs:** Composite (RCA socket) & S-Video (4pin mini-din socket), RGB (9pin mini-din socket).
- **PC/Monitor Connections:** 15 pin D-sub socket (Y cable)
- **Power Supply:** 5vDC
- **Power Source:** PC USB or PS/2 port
- **Size:** 13cm(w), 8.3cm(d), 3.2(h)
- **Weight:** 0.128gms

## Technical Tips

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

**Q: How can I enhance the display quality?**

**A:** You can usually lower the TV contrast and sharpness control at the best position, you can get a very good picture. To have the best effect, lower the contrast control to minimize the flicker effect.

**Q: I connect with a NOTEBOOK PC, no output is displayed on TV.**

**A:** Check your computer hardware operating manual to enable the VGA port or "OUTPUT". (Many Notebook computers have 3 settings, VGA external only, VGA internal only, and VGA internal & external simultaneously)

**Q: Can I use multiple televisions to view the same image from my computer?**

**A:** Yes, you may connect one television to the next using a composite video cable or an S-Video between the "VIDEO IN" and "VIDEO OUT" ports. We recommend using no more than six televisions because of signal degradation.