



ProV+

Progressive Scan Video Converter, TV Tuner and Switcher



Update: The ProV+ now supports both 60Hz and 75Hz refresh rates, thereby reducing motion artifacts. 60Hz can be selected for those digital displays where the higher refresh rate is not supported

New features in ProV+

- New Philips SAA7118 chip
- Advanced Teletext Decoder with Fastext
- Programmable Channels
- Channel swap and channel label function
- TV Stereo sound, A2/NICAM728 Stereo decoder

What makes Home Theatre PC different from your run-of-the-mill desktop computer? It's designed from the ground up to meet the key specifications that users have found the most desirable: Low noise level in operation and optimised video performance. The only drawback: Video is still processed through the computer and that means: The headaches never stop!

Here is the Good News: ProV+ will process broadcast TV signals from roof antenna and Cable and Video signals from Satellite Receiver, DVD, VCR, Video Game etc. independently from any computer. If needed, you can still loop a computer signal through the VGA and Stereo inputs and outputs of the box. If you wish you can even hear the TV sound while you are working on your PC but this is where it stops! Whatever happens inside the ProV+ is done just there. Computers ever come into play!

The unit can also be connected directly to any other VGA monitor, projector or HiFi unit: No software installation or update problems, no crashes, none of the usual computer related headaches! This beats any internal PCI card devices or any external boxes still linking up with a computer. Loop it and leave it and enjoy your video the simple way? Just Plug and Play!

Compared to its predecessor, basic model ProV, this new model, ProV+, combines several functions which will turn your PC monitor into a Home Cinema PC monitor and also ensure Home Cinema performance on conventional CRT Monitors, LCD Monitors and TFT monitors at home at semi professional levels.

The ProV+ adds a superb quality Teletext with Fastext and TOP function, A2 and NICAM 728 with advanced accurate 124 channel search facility in the 47-862 MHz range. The stored channels can be named and sorted. A maximal 1024 x 728 (XGA) Resolution and a Refresh Rate of 60Hz make this unit especially suitable for high performance LCD and TFT Screens and can, of course, also be used with any other devices with VGA input, such as projectors.



FEATURES

- Independent picture control settings for TV and VIDEO signals
- Advanced Teletext Decoder with Fasttext and TOP functions
- C-Video and S-Video from any PAL/NTSC/SECAM video source
- Scales up to 1024 x 728 (XGA) at a refresh rate of 60Hz or 75Hz.
- A2/NICAM728 stereo decoder with automatic mode detection
- TV Stereo sound can be selected in PC loop mode
- Accurate TV autoscans and advanced "search new channels" function
- Finetune settings stored per individual channel
- Channel swap and channel label function
- Motion adaptive noise reduction and de-interlacing
- VGA (RGB) input (looped to VGA output on standby mode)
- Infrared Remote Control with hot keys for most important functions
- Dynamic digital 2D Comb filter for excellent separation of Y/C signal
- Chrominance transience improvement
- Pull-down detection and correction for best viewing of film-based sources



TECHNICAL SPECIFICATION

Input signal	Analogue: Composite Video (1Vpp) S-Video (Y:1Vpp, C:0.3Vpp) Accepts PAL, NTSC and SECAM video standards on Composite and S-Video Inputs Stereo L/R
Input connectors	RF IN PAL-BG or PAL- I (from broadcast antennar cable network socket) Composite Video: RCA/Cinch (from video sources With only Composite Video output) S-Video: 4pin, mini DIN (from video sources, which have S-Video output) VGA IN (from computer output for looping computer video signals to monitor without processing) Audio IN: Stereo L/R RCA/Cinch (from external Video source) PHONE IN: Stereo Jack 3.5Ø (from computer)
Output signal	24 bit RGB (0.7Vpp) + H/V Sync (0.3Vpp) Resolution: 640x480(VGA), 800x600(SVGA), 1024x768(XGA), Progressive Scan video Refresh rate: 60Hz or 75Hz Stereo Audio In "On" mode: Broadcast TV, external Video source or PC sound (when looped with PC) In "Standby" mode: PC sound (when looped with PC)
Output connector	VGA (RGB): D-sub 15pin, Female type PHONE OUT: Stereo Jack 3.5Ø
Video processing	Independent picture control settings for TV and VIDEO IN signals Low noise 9 bit AD (27MHz over sampling) and 24 bit DA conversion Adaptive 2D comb filter for Y/C separation 3D motion adaptive de-interlacing Philips SAA7118 chip
Remote control / On screen display	Hot key selection and adjustment of TV/PC switching, Resolution, Video Source, Finetune, Swap, Teletext, Sound, Mute, Mix, Fasttext, TOP RED, GREEN, YELLOW, BLUE
Power	Adapter with 230 VAC (50/60Hz) In and 12VDC 1.25Amp Out Consumption: 14 Watts typical
Dimensions	Dimensions: 216 x 152 x 41 mm
Weight	About 410 g

