Hall Research VHD-180 VHD-180 PC / HDTV to TV Scan Converter

The VHD-180 is a PC/HD Component down Converter that generates a standard analog NTSC or PAL video signal from an HD component or PC video signal. The output is either composite and S-Video or standard definition component (YPbPr) format.

Both the PC and the HD component inputs have pass-thru connections. The unit can convert any analog component video signal up to 1080i can be converted to standard analog video. The VHD-180 also handles computer VGA resolutions up to UXGA (1600 x 1200) at 60Hz refresh rate. The Model VHD-180 settings can be controlled via front panel push-buttons, an included IR remote or any RS-232 serial control device.

Applications for this device include displaying your PC's image on a standard definition TV, or making DVD recordings of PC software for training purposes.

Additionally most satellite receivers and HD set-top boxes do not provide simultaneous HD and SD outputs. In order to display the HD signal on TVs with composite or S-Video, the VHD-180 is the ticket.

Features

- Professional-quality Video Scan Converter (down converter)
- PC (VGA) and HDTV (Component) Inputs
- Composite (CVBS), S-Video (Y/C), or Component (YPbPr) outputs
- Supports PC inputs up to 1600x1200 & HDTV inputs up to 1080i
- Loop-thru outputs for both PC VGA and HDTV Component
- Image Controls: Pan, Position, Aspect Ratio, Zoom, Freeze
- Easy to use IR Remote
- Includes VGA, Component, S-Video, and Composite Cables
- Universal Power Supply
- RS-232 interface allows control from an external device
- OSD (On Screen Display) for easy setup
- Free PC Control Software (through the RS232 port

Specifications

- Input Connectors: PC on HD-15, HDTV or SDTV on 3 RCA (YPbPr or YCbCr) – HDTV or SDTV on 3 RCA (YPbPr or YCbCr)
- Input Resolutions: PC resolutions: VGA@60Hz up to 140Hz refresh rate, SVGA@60Hz up to 120Hz refresh rate, XGA@60Hz up to 85Hz refresh rate, SXGA@60Hz refresh rate, UXGA@60Hz refresh rate HDTV resolutions: 480i & 480p @ 60Hz, 576i & 576p @ 50Hz, 720p @ 50 & 60Hz, 1080i @48, 50 & 60Hz
- Output Connectors: Composite video on RCA, S-Video on mini-din, Component on 3RCA (YCbCr)PC pass through on HD-15, HDTV pass through on 3 RCA (YPbPr / YCbCr)
- Output Video Standards: NTSC or PAL interlaced video. YCbCr component
- Control Methods: Front panel control, IR remote control, RS-232 control
- Accessories: HD-15(male) to HD-15(male) VGA cable x 1, Component video 3 RCA to 3 RCA cable x 1,Video cable x 1, S-Video cable x 1 IR remote control x 1
- Power: DC 5V Regulated / 2A, center positive
- Dimensions: 8.0" Wide x 6.1" (Deep) x 2.0"High (205x155x50mm)
- Weight: 2.2 pounds (1 Kg)