



VHD-PCTV

VGA to Video Scan Converter

CUSTOMER
SUPPORT
INFORMATION

Order toll-free in the U.S. 800-959-6439
FREE technical support, Call **714-641-6607** or fax **714-641-6698**
Address: **Hall Research**, 1163 Warner Ave. Tustin, CA 92780
Web site: www.hallresearch.com E-mail: info@hallresearch.com

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FEDERAL COMMUNICATIONS COMMISSION

RADIO FREQUENCY INTERFERENCE STATEMENT

This equipment generates, uses, and can radiate radio frequency energy and if not installed and used in strict accordance with the manufacturer's instructions, may cause interference to radio communication. This equipment is designed to comply with the limits for a Class A computing device in accordance with the specifications in Subpart B of Part 15 of FCC rules, which are intended to provide reasonable protection against such interference when the equipment is operated in a commercial environment. Operation of this equipment in a residential area is likely to cause interference, in which case the user at their own expense will be required to take whatever measures may be necessary to correct the interference.

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.



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1. Introduction

1.1 General

This User's Manual applies to Hall Research VHD-PCTV.

The VHD-PCTV converts a PC video signal to NTSC or PAL format on S-Video or Composite cable. It supports Overscan or Underscan via a selector switch.

The VHD-PCTV is very simple to setup and use. Just connect the video input and output cables, plug it in and the unit is ready to go. The LED on the top of the unit indicates the device has power and is operational.

1.2 Features

- Converts and scales PC signal to interlaced NTSC or PAL video
- Supports resolutions up to 1600x1200
- Image Overscan or Underscan selection
- Quick and simple to install
- Compact size

2. Hardware

2.1 Operation

1. Connect Input from PC.
2. Connect 5v power.
3. Connect video output via S-Video or Composite cable.
4. Select Overscan or Underscan.
5. Select NTSC or PAL format.

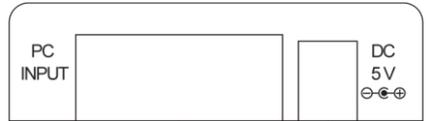


Figure 3 - Front Panel

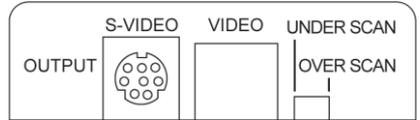


Figure 3 - Rear Panel

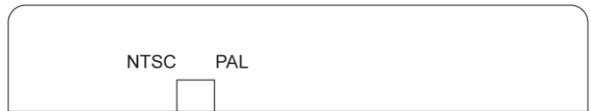


Figure 3 - Side Panel

6. Turn unit On/Off via Power button. LED indicates device power status.
 - a. Green LED – Unit Ready. Press and hold power button to put in standby.
 - b. Red LED – Unit is in standby. Press power button to make active.
 - c. LED off – Unit has no power.

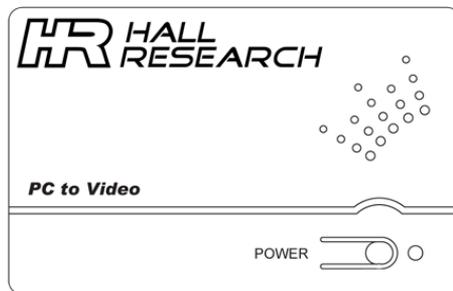


Figure 4 - Top Panel

3. Specifications

Video

Inputs	PC (HD15)
Outputs	Composite (RCA) / S-Video

General

Power Supply	5 VDC, 1 A, regulated; 2.1mm
Temperature/humidity	Storage: -40 to +158 °F (-40 to +70 °C) 10% to 90%, non-condensing Operating: +32 to +104 °F (0 to +40 °C) 10% to 90%, non-condensing
Enclosure type	Plastic
Dimensions	0.72" H x 3.9" W x 2.5" D (18.5 mm H x 100 mm W x 64 mm D)
Product weight	0.22 lb (100 g)
MTBF	90,000 hours
Warranty	2 years parts and labor

Specifications are subject to change without notice



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