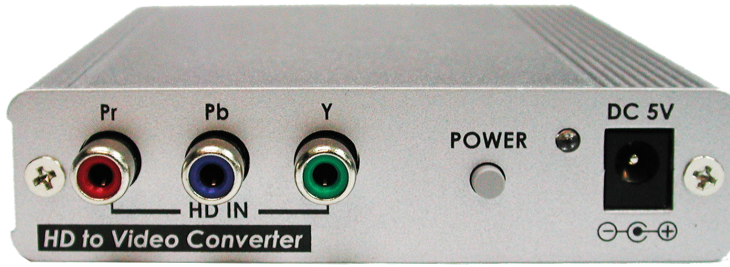
CPT-387

HD to Video Converter

Operation Manual



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1. Introduction

This is a HD to Video with HD bypass scan converter box. It is designed to convert a variety of HD images, from 480p up to 1080p and converts them to NTSC or PAL standards video and HD images bypass. Simply use switch to select NTSC/PAL output format, the user also can adjust the overscan/underscan from the front panel. It is ideal for using in applications like video conference, home theater, business presentation, lecturing room or viewing HD image on TV.

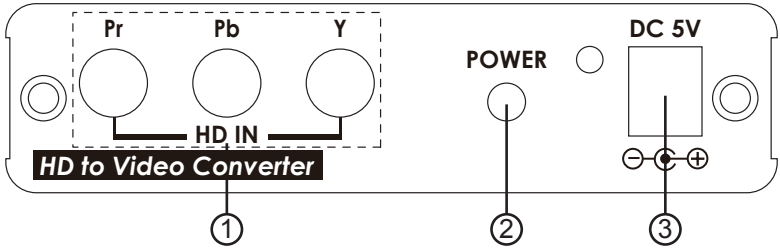
2. Main Features

- Supports high resolution HD input up to 1080p.
- Supports component (YPbPr) input and scale down to Composite video/S-video output or HD bypass. Suggest the component input can lower the resolution as possible because the scales down from the high resolution to Composite video/S-video output the resolution will distortion during the video processing.
- Switch between NTSC/PAL
- Image Overscan/Underscan selection.
- Easy to install and simple to operate.

3. Hardware Description

The following sections describe the hardware components of the unit.

3.1 Front Panel



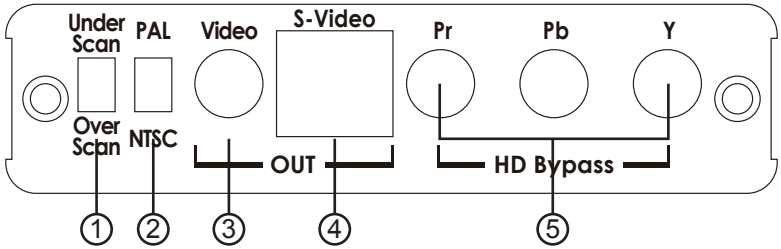
①. HD input: Connect the YPbPr input connecter to the source, such as DVD player.

Note: When input source end is not displaying full screen (i.e. letter box/pillbox image) then the output display end may come out with wrong size or position images. Hence, input source must set on full screen first before powering on the converter.

②. Power indicator: The power LED will illuminate in Green color when power is on. When LED illominate in Red color the system is in standby mode.

③. Power: Plug the 5V DC power supply into the unit and connect the adaptor to AC wall outlet.

3.2 Rear Panel



①. Underscan/Overscan: Switch the switcher to select underscan/overscan the pictures.

②. PAL/NTSC: Switch the switcher to select PAL/NTSC output.

③. Composite video output: Connect to video output display.

④. S-Video output: Connect to S-Video output display.

⑤. HD Bypass: The YPbPr output connecter will bypass HD signal as follow input HD signal.

4. Connection and Installation

5. Specifications

Input ports	1 x Component (Y/Pb/Pr)
Output ports	1 x Component bypass (Y/Pb/Pr), 1 x Composite, 1 x S-video
Switcher	1 x Underscan/Overscan, 1 x PAL/NTSC
Power Supply	5V/2A DC (US/EU standards, CE/FCC/UL certified)
Dimensions (mm)	105(W) x 102(D) x 25(H)
Weight(g)	230
Chassis Material	Aluminum
Silk Skin Color	Silver
Operating Temperature	Operating from 0°C ~ 40°C

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