

**Component HD YPbPr to Video
Down Scaler w/HD pass through
ID# 659**



Operation Manual

Introduction

Component HD YPbPr to Video Down Scaler w/HD pass through is designed to convert High Definition 480p, up to 1080p, into video standards of PAL or NTSC format. The High definition input is also passed through for connection to a HDTV. Video standard of PAL or NTSC is switch selectable for output as Composite or S-Video for connection to Standard Definition TV's. With in-built Overscan / Underscan function, this converter is ideal for use in Business, Education and Private applications.

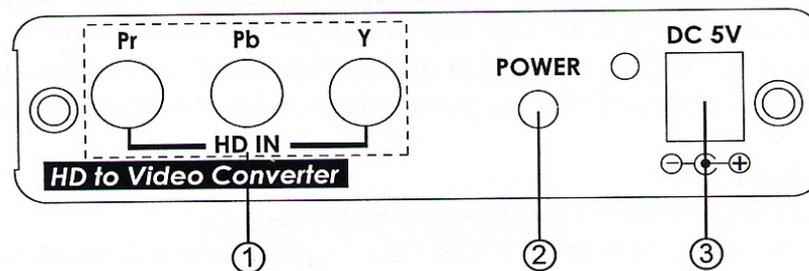
The Component HD YPbPr to Video Down Scaler w/HD pass through is very easy to connect and operate. Inter connection from the signal source to the Standard or High Definition TV is straight forward and requires no special cabling or programming. Front and rear panel connection points are easy to access and clearly labeled. PAL or NTSC video output and Overscan/Underscan image is selected by simple switch operation.

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 composite 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.

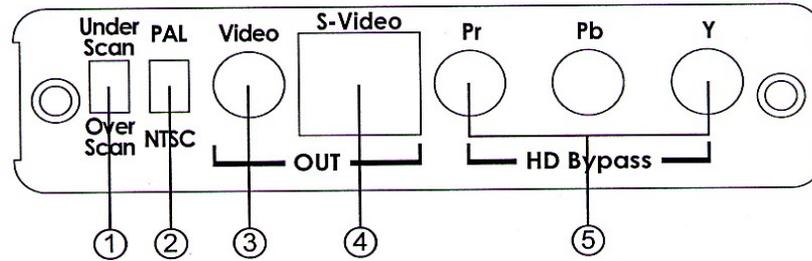
Operation Controls and Functions

Front Panel



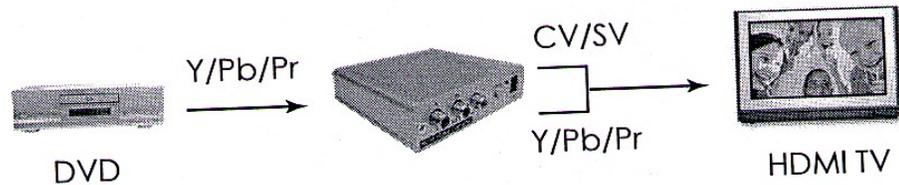
1. **HD input:** Connect the YPbPr input connector to the source, such as DVD player.
2. **Power indicator:** The power LED will illuminate in Green color when power is on. When LED illuminate in Red color the system is in standby mode.
3. **Power:** Plug the 5V DC power supply into the unit and connect the adapter to AC wall outlet

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 connector will bypass HD signal as follow input HD signal.

Connection and Installation



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 certified)	5V/2A DC (US/EU standards, CE/FCC/UL
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