

Component to RGBHV Converter

(CYU-343)



Operation Manual

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Introduction

This unit will convert YCbCr 480i/576i and YPbPr 480p/576p signal to RGBHV input of TV or a PC monitor to view the image in high quality picture.

It is useful for applications such as watching DVD's on a LCD/PC monitor.

Precautions

1. Do not expose this product to direct sunlight.
2. Keep the unit away from radiator, heat sources and magnetic field.
3. Do not place it in very dusty or humid locations.
4. Use this unit in a horizontal position only.
5. Do not put heavy objects on top of the converter.
6. Put the unit in an open space that has good ventilation.
7. If the unit is acting abnormally keep the unit away from TV or other electronic equipment.
8. Unplug the unit from the power supply when it is not to be used for a long period of time.

Features

- User can select either Auto or Manual signal detection.
- Unit is selectable between YCbCr 480i/576i or YPbPr 480p/576p.
- It contains a Sync Output select switch.
- It allows for improved picture quality by hooking up either a NTSC or PAL DVD player to your TV.

Operation controls and functions

Front Panel



1. **Power LED-** This LED will light up when the power has been turned on.
2. **Power switch-** This is the button used to turn the unit on or off.
3. **Auto/Manual select button-** This is the button used to switch between either auto or manual signal detection.
4. **480i/576i or 480p/576p select button-** This button allows you to select either YCbCr 480i/576i signal or YPbPr 480p/576p signal.
5. **AUTO indicator-** This indicator will light up when in AUTO mode.
6. **480i/576i input indicator-** This indicator will light up when in YCbCr 480i/576i input mode.
7. **480p/576p input indicator-** This indicator will light up when in YPbPr 480p/576p input mode.

Rear Panel



1. **Sync Output select-** This is the output select button. You may switch the button to R/G/B/H/V, R/GS/B/H/V or R/G/B/H/V + V.
2. **RGB Output-** This is the RGB output port. Using the appropriate connector cable connect it to your RGB device.
3. **Pr/Cr Pb/Cb Y input-** This is the YCbCr input port or YPbPr input port.
4. **DC 5V 2A-** This is the power supply input port.

Connection and Installation

The AC adaptor power unit should not be plugged into a wall outlet until all connections are complete.

- Using the appropriate connector cable, connect the RGB output port (Number 2 on rear panel) to a projector, PC monitor or TV.
- Switch the Sync Output select switch to R/G/B/H/V, R/GS/B/H/V or R/G/B/H/V + V.
- Using the appropriate connector cable connect the Pr/Cr or Pb/Cb Y input port (number 3 on rear panel) to your device (DVD player).

Once all connections are complete, switch the power button ON and please connect the power supply provided to the power socket.

Specifications

Input signal	1 x Y, PB/CB, PR/CR 3 x RCA Jack Y: 1Vp-p, 75 ohm PB/CB: 0.7Vp-p, 75 ohm PR/CR: 0.7Vp-p, 75 ohm
Output signal	1 x VGA 0.7Vp-p R, G, B 75 ohm 15 Pin D Female connector
Power supply	DC 5V 2A Center positive
Dimension	290 (W) x 145 (D) x 50 (H) mm
Weight	1.2 Kgs