

USER MANUAL

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HDMI to YPbPr+R/L Audio Converter

DEAR CUSTOMER

Thank you for purchasing this product. For optimum performance and safety, please read these instructions carefully before connecting, operating or adjusting this product. Please keep this manual for future reference.

1.0 INTRODUCTION

This kind of the Converter is an HDMI converter. It converts HDMI input into analog YPbPr video and R/L audio signal. It allows users to enjoy their high definition image and sound when watching movies or playing games on the traditional YPbPr monitors or projectors.

It offers solutions for digital entertainment center, HDTV retail and show site, HDTV, STB, DVD and Projector factory, noise space and security concerns, data center control, information distribution, conference room presentation, school and corporate training environments.

1.1 FEATURES

This HDMI converter has many features that enable it to perform in a superior manner. Among those features you will find:

- I Easy to Use: Install in seconds, no need of setting.
- I Conversion: It could convert complete HDMI into YPbPr video and R/L audio output.
- I Support HDCP 1.2
- I Support 165MHz/1.65Gbps per channel (6.75Gbps all channel) bandwidth for HDMI Input.
- I Supports Analogue Video output up to UXGA and 1080p with 10-bit DAC

2.0 SPECIFICATIONS

Signal Inputs/Output	
Input Video Signal	0.5-1.0 volts p-p
Input DDC Signal	5 volts p-p (TTL)
Input connection	HDMI A female(19pin)
Output connection	YPbPr, R/L
HDMI video input format	480i/576i/480p/576p/720p/1080i/1080p
YPbPr video output format	480i/576i/480p/576p/720p/1080i/1080p
Audio output format	2 channel LPCM

Operating Frequency	
Vertical Frequency Range	50/60Hz
Input Video Amplifier Bandwidth	1.65Gpbs/165MHz
Mechanical	
Size(W-H-D)	88mmW x 25.5mmH x 68mmD
Weight(Net)	0.68kgs
Warranty	
Limited Warranty	1 Year Parts and Labor
Environmental	
Operating Temperature	0 °C to +70°C
Operating Humidity	10% to 85 % RH (no condensation)
Storage Temperature	-10°C to +80°C
Storage Humidity	5% to 95 % RH (no condensation)
Power Requirement	
External Power Supply	5V DC@2A
Power consumption (Max)	5W
Regulatory Approvals	
Converter Unit	FCC,CE,
Power Supply	CE,FCC
Accessories Adapter	
AC Power Adapter	US standard, UK standard and so on
User Manual	English Version

Note: Specifications are subject to change without notice.

3.0 Package Contents

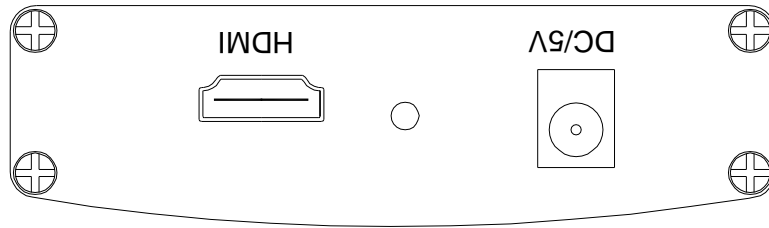
Before attempting to use this unit, please check the packaging and make sure the following items are contained in the shipping carton:

- I Main unit.
- I 5V DC Power Supply
- I User's Manual

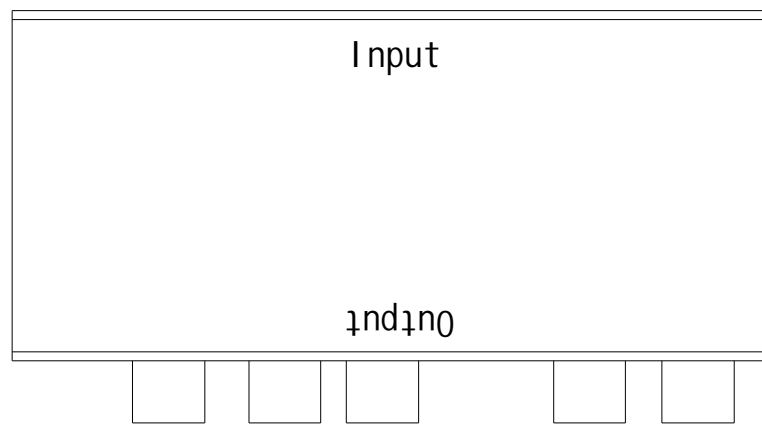
4.0 PANEL DESCRIPTIONS

Please study the panel drawings below and become familiar with the signal input(s), output(s) and power requirements.

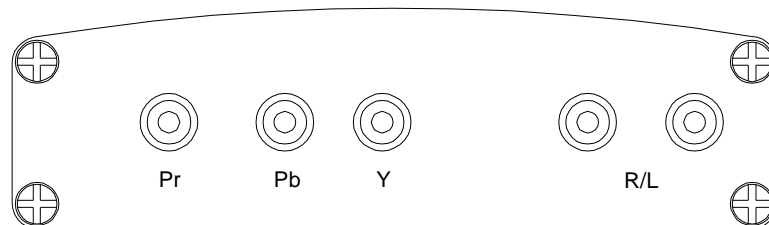
Back Panel:



Upper Panel:



Front Panel:



5.0 CONNECTION AND OPERATION

Before installation, please make sure all devices you wish to connect have been turned off.

- 1) Connect the HDMI input from source device to this Converter. (Input cables are optional)
- 2) Connect the YPbPr and R/L audio output of this product to the display device.
- 3) Insert the DC side of 5v power supply into this product and then connect the AC side of the power supply into the wall outlet.
- 4) Power on all connected devices, choose the input of the display device to its YPbPr channel.
- 5) The image does not need to be adjusted. This Converter will position it

automatically.

Attention: Insert / Extract cable gently.

Note: The following two problems may existing when using this HDMI to YPbPr Converter

1. Some traditional CRT Displays may not work after connected with this Converter. This mainly caused by these Displays only supporting 480i and 576i YPbPr interlaced resolution. Therefore, we suggest to choose LCD Display or those can support YPbPr CRT Displays.
2. Some connected Displays may have no image after setting the resolution of HDMI source at 1080P. This not caused by our products but YPbPr Channel of Displays not supporting resolution at 1080P.

5.1 CONNECTION DIAGRAM

