

HD VIDEO CONVERTER

User Manual

HDMI TO YPbPr+R/L Audio

Bring High-Definition to your life

Thank you for purchasing our product. To ensure safety and many years' trouble-free operation of the product, please read the manual carefully before

using this product.

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.

2.0 FEATURES

The series of the HDMI Amplifier Converter have many features that enable them to perform in a superior manner. among those features you will find:

- 1、 Easy to Use: Install in seconds, no need of setting;
- 2、 Conversion:It could convert complete HDMI into YPbPr video and R/L audio output;
- 3、 Supports HDCP1.2;
- 4、 Supports 165MHz/1.65Gbps per channel(6.75Gbps all channel)bandwidth for HDMI Input;
- 5、 Supports Analogue Video output up to UXGA and 1080P witch 10-bit DAC.

3.0 SPECIFICATIONS

Signal Inputs/Output	
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Input Video Signal	0.5-1.0 volts p-p
Input DDC Signal	5 volts p-p (TTL)
Input connection	HDMI A fememale(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	
Vertial Frequency Range	50/60HZ
Input Video Amplifier Bandwidth	1.65Gbps/165MHz
Mechanical	
Size(LxWxH)	88x68x25.5mm
Weight(Net)	0.68kg
Warranty	
Limited Warranty	1 Year Parts and Labor
Environmental	
Operating Temperature	0 to +70°C
Operating Humidity	10% to 85 % RH (no condensation)
Storage Temperature	-10 to +80°C
Storage Humidity	5% to 95 % RH (no condensation)
Power Requirement	
External Power Supply	DC 5V 1A
Regulatory Approvals	
Converter Unit	CE,FCC,ROHS
Power Supply	CE,FCC,PSE,TK,UL
Accessories Adapter	
AC Power Adapter	US standard, UK standard and so on
User Manual	English Version

Note:Specifications are subject to change without notice.

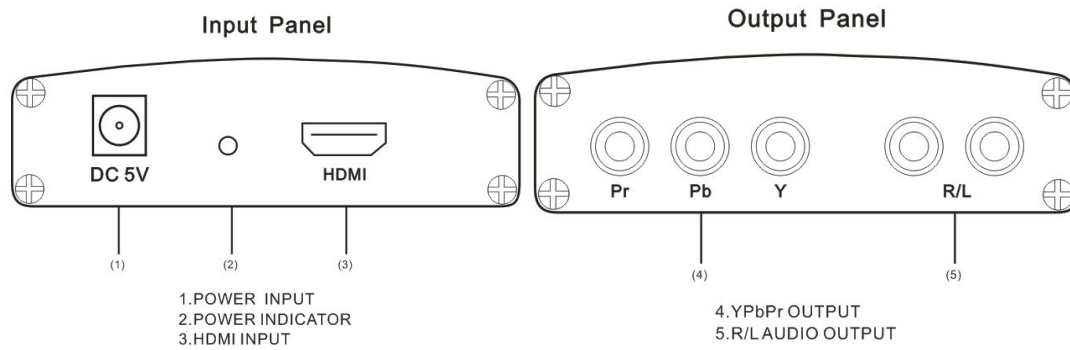
4.0 PACKAGE CONTENTS

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

- 1、 Main unit
- 2、 5V DC Power Supply
- 3、 User's Manual

5.0 PANEL DESCRIPTIONS

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



6.0 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, the Converter will position it automatically, the user may adjust the horizontal position under some extreme condition.

Attention: Insert / Extract cable gently.

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

- 1、 Some traditional CTR display 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.