

# USER MANUAL

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## HDMI TO VGA+YPBPY Converter

Enjoy the vivid world!

## INTRODUCTION

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### 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.

Our series of HDMI converters, switches, extenders, matrixes and splitters are designed to make your A/V device use more convenient, more comfortable, more productive and more cost-efficient.

The **HDCRGG0102 Converter** use a single HDMI source, accessing to single VGA+SPDIF sink or single YPbPr+SPDIF sink. The Converter allows one HDMI device to be converted easily to one VGA+SPDIF or one YPbPr+SPDIF monitor or projector.

Our devices offer solutions for noise, space and security concerns, data center control, information distribution, conference room presentation, school and corporate training environments.

### FEATURES

- One HDMI input signal convert to one YPbPr+SPDIF or VGA+SPDIF sink device
- Support audio output: SPDIF(Optical)+ R/L analog .
- Support output : Support up to UXGA and 1080i(50/60Hz),the same format as input
- LED indication: when source or sink is working, LED relative to is light.
- No loss of quality
- Installs in minutes
- Need DC5V/1A power supply

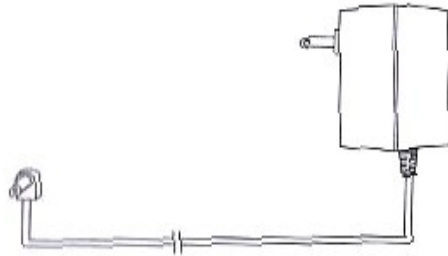
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**The accessories with the machines lists as picture:**

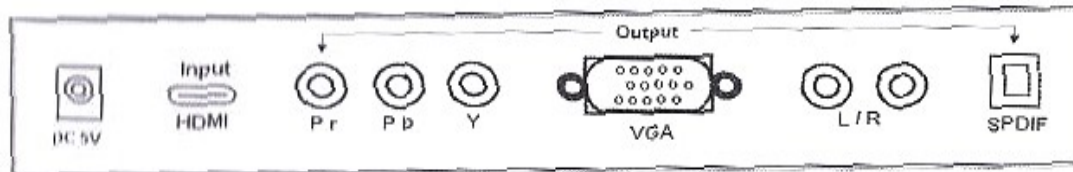
1. 5V Power Adaptor
2. one pc of Manual

Power Adaptor



Physical Connection Showing Picture:

Figure 1.0 Front Panel Showing Picture



Power: Power Led Status Light

VGA/ YPbPr: (VGA, YPbPr Signal input switch button)

Figure 1.1 rear panel showing picture

DC 5V: 5V DC-DC Power Interface

HDMI Input: HDMI input

YPbPr: Ypbpr Signal input

VGA: VGA input

L/R: Analog Sound Track(L/R) input

SPDIF: SPDIF optical input

**Operating and Connecting:**

1. Connect one cable from HDMI1.2 sink into the Converter Input.
2. Connect VGA+SPDIF or YPbPr+SPDIF from monitor or projector into Converter outputs.
3. Connect 5V power supply to the HDCRGB0102 Converter.

**SPECIFICATIONS:**

**HDCRGB0102**

Input Video signal .....	0.5~1.5Volts p-p
Input DDC signal .....	5Volts p-p (TTL)
VGA or YPbPr output.....	Support up to UXGA and 1080i(60Hz)
Audio output.....	R/L Analog and optical
Max transmission bandwidth.....	5.1Gbps
Max working current.....	600mA
Power adapter format.....	Input:AC (50HZ, 60HZ) 100V-240V; Output: DC5V/1A
Operating Temperature range.....	(-15 to +55°C)
Operating Humidity range.....	5 to 90%RH (No Condensation)
Dimension (L x W x H) .....	178x65x27 (mm)
Weight.....	380g

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**Notes:**

Pls use the machine as the instruction listed to keep the long use lifetime of the machine.

1. The machine should be placed at the spot far from the Damp, High-Temperature, Dusty, Erosive, and oxidative environment.
2. All parts will be free from the strong shake, hit, fall.
3. Touching the power adaptor with the wet hands is prohibited.
4. Pls hold the power adaptor head and do not pull the power cord when cut off from the socket.
5. Pls turn the power off when the machine is not used for long time.
6. Pls do not open the cover and do not touch the inside parts.
7. Pls use the original factory power adaptor.

Before power on, pls check the connection line carefully. And make sure that all interfaces are normally connected. The common trouble shooting way shows below:

Serial NO	Trouble Description	Cause and Ways to deal with
1	Non-Power-Connected	1、 Check if the power adaptor head is truly and correctly inserted the power socket. 2、 Check the power switch if it is in on status.
2	No Picture	1、 Pls to make sure that the TV is on and has been connected with the machine. 2、 To check if the signal source is on and well connected. 3、 Check the system connection quality. 4、 Check if the line is all good quality. 5、 Check the cable quality
3	Obscure Picture	1、 To try again to connect the cable to be free from the unsuccessful connection. 2、 HDMI Cable Quality

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