

# HD Video Converter

## User Manual

VGA+R/L Audio TO HDMI Converter

MODEL:T602

**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 a VGA video converter. It converts VGA input into HDMI to allow PC users to show their image not only on the PC's monitor, but could also on TV, to have a large display. The conversion is along with the R/L audio. Converter 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:

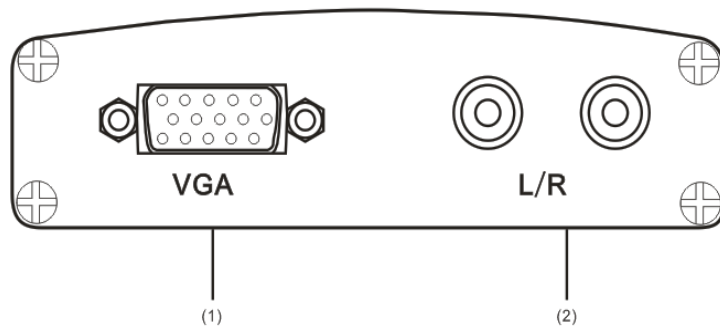
- 1、Conversion: It could convert PC's VGA video and R/L audio into complete HDMI.
- 2、Extend the transmission distance and improve transmission signal.
- 3、Extra VGA and R/L audio outputs: the outputs could be connected back to PC's monitor and speakers.
- 4、Compatible with DVI by using HDMI to DVI adapter.
- 5、Metal casing design and overall shielding without signal interference.
- 6、Led indicates signal and power mode.
- 7、Power supply (please refer to technical parameter).

## **3.0 SPECIFICATIONS**

Signal Inputs/Output	
Input Video Signal	0.5-1.0 volts p-p
Input DDC Signal	5 volts p-p (TTL)
Maximum Single Link Range	1600X1200, 1080P
Output Video	HDMI + HDCP1.0/1.1
VGA	640x480 60Hz 72Hz 75Hz 800x600 60Hz 72Hz 75Hz 1024x768 60Hz 70Hz 75Hz 1280x1024 60Hz 1600x1200 60Hz
DTV/HDTV	480i/576i/480p/576p/720p/1080i/1080P
Operating Frequency	
Frequency	Up to165MHz
Video Amplifier Bandwidth	1.65Gpbs/165MHz
Resolutions(HDTV)	
Interlaced(50&60Hz)	480i,576i,1080i
Progressive(50&60Hz)	480p,576p,720p,1080p
Mechanical	
Size(LxWxH)	88x68x25.5mm
Weight(Net)	0.68Kg
Warranty	
Limited Warranty	1 Year Parts and Labor
Environmental	
Operating Temperature	0 to +70℃
Operating Humidity	10% to 85 % RH (no condensation)
Storage Temperature	-10 to +80℃
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

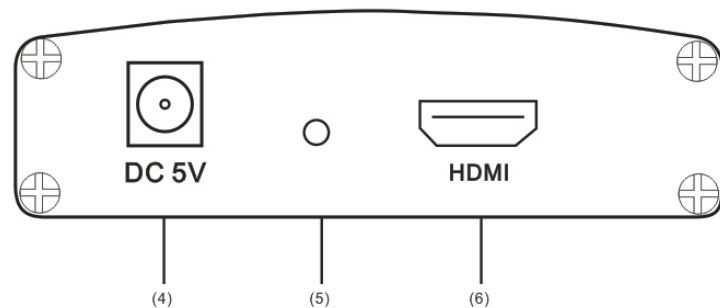
#### 4.0 PANEL INTRODUCTION

##### Input Panel



- 1.VGA INPUT  
2.L/R Audio INPUT

##### Output Panel



- 4.POWER INPUT  
5.POWER INDICATOR  
6.HDMI OUTPUT

#### 5.0 CONNECTION AND OPERATION

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

- 1、 Connect the VGA video and R/L audio from computer to Converter.(Input cables are optional)
- 2、 Connect the HDMI output from to the TV which has HDMI input.
- 3、 Connect the VGA and R/L audio output of back to the computer's monitor and speaker if necessary.
- 4、 Insert the DC side of 5V power supply into and then connect the AC side of the power supply into the wall outlet
- 5、 Power on the computer and TV, choose the input of TV to its HDMI channel.
- 6、 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.**

## **WARNING**

- 1、 Do not expose this apparatus to rain, moisture, dripping or splashing and that no objects filled with liquids, such as vases ,shall be placed on the apparatus.
  - 2、 Do not install or place this unit a bookcase, built-in cabinet or in another confined space ensure the unit is well ventilated.
  - 3、 To prevent risk of electric shock or fire hazard due to overheating, do not obstruct the unit's ventilation openings with news papers, tablecloths, curtains, and similar items.
  - 4、 Do not install near any heat sources such as radiators, heat registers, Stoves or other apparatus(including amplifiers)that product heat.
  - 5、 Do not place sources of naked flames, such as lighted candles, on the unit.
  - 6、 Clean this apparatus only with dry cloth.
  - 7、 Unplug this apparatus during lightning storms or when unused for long periods of time.
  - 8、 Protect the power cord from being walked on or pinched particularly at plugs.
  - 9、 Only use attachments/accessories specified by the manufacturer.
  - 10、 Refer all servicing to qualified service personnel.
- Clean this unit with a soft, dry cloth. Never use alcohol, paint thinner or benzine to clean this unit.