

# USER MANUAL

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# VGA and USB Audio to HDMI Converter

## Dear customer

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 product is a VGA video converter. It converts VGA signal into complete HDMI and allows PC users to enjoy their larger image on the display. The Converter is also along with USB audio that allows you to enjoy high quality sound on the HDTV. Besides, USB port can also supply power to this converter to save an extra power adapter.

## 1.1 FEATURES

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

- Easy to Use: Install in seconds, no need of setting.
- Conversion: It can convert PC's VGA video and USB 2CH audio into complete HDMI.
- Supports common VGA video resolution.
- Supports 165MHz/1.65Gbps per channel (6.75Gbps all channel) bandwidth.
- Supports 8bit per channel (24bit all channel) deep color.
- Power from USB Port.

## 2.0 SPECIFICATIONS

<b>Signal Inputs/Output</b>	
Input Video Signal	0.5-1.0 volts p-p
Input DDC Signal	5 volts p-p (TTL)
Output Video	HDMI
Common VGA Resolution	640x480 60Hz 75Hz 800x600 60Hz 75Hz 1024x768 60Hz 75Hz 1280x720 60Hz 75Hz 1280x768 60Hz 75Hz 1280x960 60Hz 75Hz 1280x1024 60Hz 75Hz
<b>Operating Frequency</b>	
Vertical Frequency Range	50/60Hz
Video Amplifier Bandwidth	1.65Gpbs/165MHz
<b>Mechanical</b>	

Size(W-H-D)	80mmW x 12mmH x 55mmD
VGA line length	0.3m
USB line length	1m
<b>Environmental</b>	
Operating Temperature	0 °C to +70°C
Storage Temperature	-10°C to +80°C
<b>Power Requirement</b>	
External Power Supply	NO
Power consumption (Max)	2.2W

**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 contain:

- Main unit.
- User's Manual

### 4.0 PANEL DESCRIPTIONS

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



- ①HDMI output  
Connect this port to HDMI display
- ②USB A male port  
Connect this port to the USB port of computer to gain the audio and Power.
- ③VGA male input  
Connect this port to the VGA output of computer

### 5.0 CONNECTION AND OPERATION

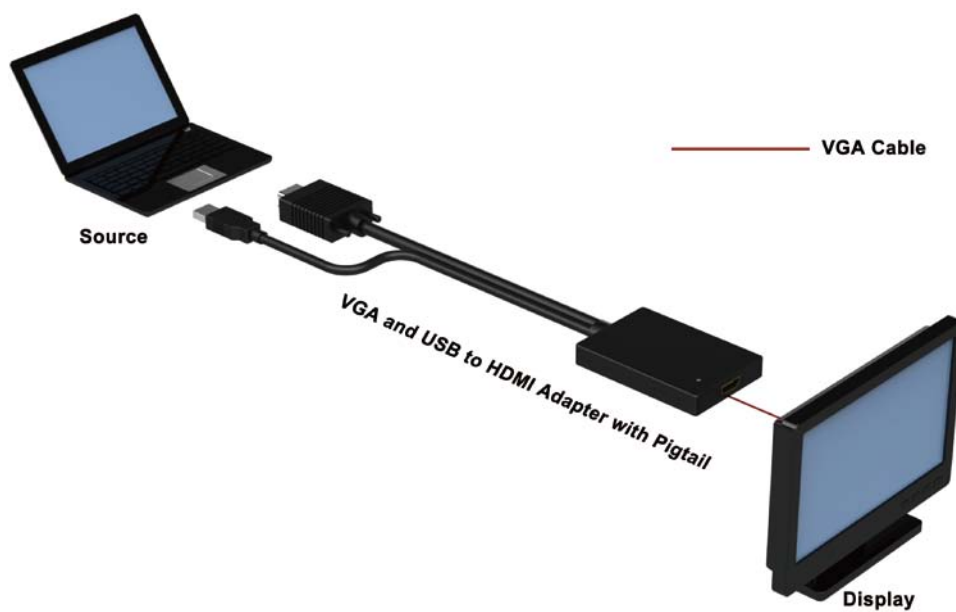
Before installation, please make sure all the devices you wish to connect have

been turned off.

- 1) Connect the HDMI output of this product to the HDTV which has HDMI input (HDMI Cables are optional).
- 2) Connect the VGA and USB port of this product to computer.
- 3) Power on the computer and TV.
- 4) Set the right resolution of PC to HDTV.

**Note:** Because the some resolution formats of VGA are not the same with HDTV's, so not all resolutions of VGA can output to HDTV. Please set these resolutions as listed in the Specification as possible.

## 5.1 CONNECTION DIAGRAM



P/N: D007-1