

# USER MANUAL

## Table of Contents

<b>1.0 Introduction.....</b>	<b>2</b>
<b>2.0 Specifications.....</b>	<b>2</b>
<b>3.0 Package Contents.....</b>	<b>3</b>
<b>4.0 Panel Descriptions.....</b>	<b>3</b>
<b>5.0 Connection and Operation .....</b>	<b>4</b>

# HDMI A Type to VGA Adapter

## 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 HDMI A Type to VGA converts digital HDMI signal into analog VGA video. When you watch movies or play games on traditional VGA monitors or projectors, this product not only can allow you to enjoy their high definition image ,but also can let you enjoy the high quality of sound. Besides, If the HDMI Sources can't supply the power, you can connect your power adapter or computer to the Micro USB female for charging and getting power.

## 1.1 FEATURES

This HDMI A male to VGA Adapter 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 complete HDMI into VGA video.
- Supports 165MHz/1.65Gbps per channel (6.75Gbps all channel) bandwidth for HDMI Input.
- Supports Analogue Video output up to UXGA and 1080p with 10-bit DAC.

## 2.0 SPECIFICATIONS

<b>Signal Input/Output</b>	
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	VGA,
HDMI video input format	480p/576p/720p/1080p
VGA video output format	480p/576p/720p/1080p
<b>Operating Frequency</b>	
Vertical Frequency Range	50/60Hz
Input Video Amplifier Bandwidth	1.65Gpbs/165MHz
<b>Mechanical</b>	
Shell Size(L×W×H)	45 x 43 x 14.5MM
Weight(Net)	28g
<b>Warranty</b>	
Limited Warranty	1 Year Parts and Labor
<b>Environmental</b>	
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)
<b>Power Requirement</b>	
External Power Supply	NO
Power consumption (Max)	2W
<b>Regulatory Approvals</b>	
Converter Unit	FCC,CE,
<b>Accessories Adapter</b>	
AC Power Adapter	US standard, UK standard and so on
User Manual	English Version

**Note: Specifications are subject to change without notice.**

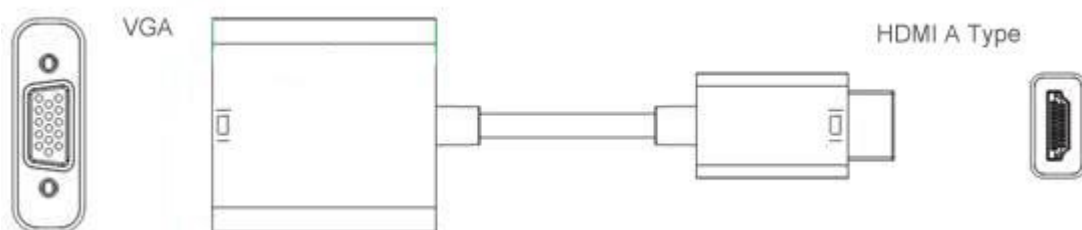
### 3.0 PACKAGE CONTENTS

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

- 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.



### 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 input of this product to HDMI source.
- 2) Connect the VGA output of this product to display with VGA input.
- 3) Connect the Headset or stereo video amplifier to the Headset jack.
- 4) If the HDMI sources can't supply the enough power ,you can connect the Micro USB female to your computer or power adapter.

Note: HDMI to VGA conversion may existing the following compatibility problems

1. If the VGA port of Display doesn't support Refresh Rate at 50HZ, the connected Display will have no image when the HDMI Source setting at 50 Hz.
2. If the VGA port of Display doesn't support resolution at 720p, 1080i and 1080p, the connected Display will have no image when the HDMI Source setting at 720p, 1080i and 1080p.
3. If the VGA Display connected doesn't support interlaced resolution, it will have no image when the HDMI Source setting at 1080i, 480i or 567i.

Our converter fully supports the above formats. These common problems are mainly caused by Displays not supporting these formats.

## 5.1 CONNECTION DIAGRAM



P/N:C011