

# **HDMI to DVI +Audio Converter**

## **Quick Installation Guide**

### **1. Introduction**

This handy device provides an easy and instant approach for converting digital HDMI to digital video (DVI-D) and both digital audio (S/PDIF) and analog stereo audio. With this module, HDMI based devices such as DVD Players, PS3, camcorders, or set-top boxes can readily connect to your PC LCD monitor and PC speakers at lowest cost. This device also enables users to connect full digital video and audio to DVI enabled monitor and S/PDIF equipped audio receiver and amplifier, and make the highest compatibility to your home theater devices.

#### **1-1 Features and Benefits**

- HDMI 1.2a compatible & fully HDCP compliant
- DVI video up to 165MHz
- Coaxial S/PDIF or Stereo analog audio output
- Front panel LED indicators

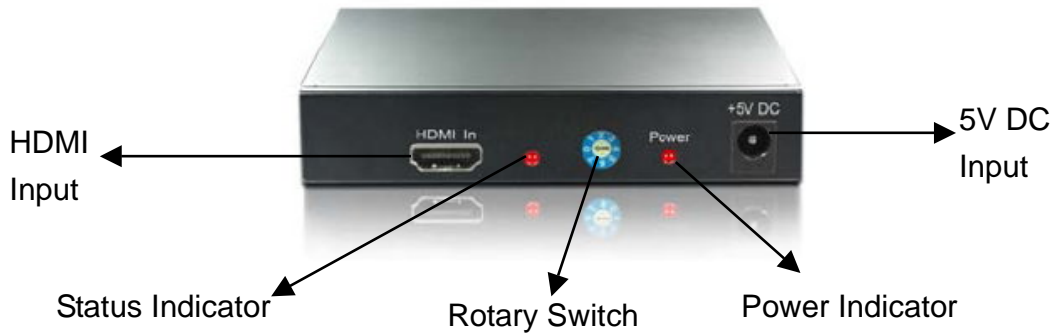
#### **1-2 System Requirements**

- PC system, DVD players, PS3, camcorders, or set-top boxes with an available HDMI port

#### **1-3 Package Contents**

- HDMI to DVI +Audio Converter
- Power adaptor 5V/2A
- Quick Installation Guide

## 1-4 Lay out



**Front View Layout**



**Rear View Layout**

## 1-5 Rotary Switch



- |                                      |   |
|--------------------------------------|---|
| <b>0: Pair 1 Analog Audio Output</b> | <b>4: Reserved</b>                        |
| <b>1: Pair 2 Analog Audio Output</b> | <b>5: Reserved</b>                        |
| <b>2: Pair 3 Analog Audio Output</b> | <b>6: Reserved Default EDID</b>           |
| <b>3: Pair 4 Analog Audio Output</b> | <b>7: Learn EDID HDMI Equipped Device</b> |

The function of the rotary switch is reserved and please keeps the rotary switch at 0.

## **1-6 Specifications**

- Video Amplifier Bandwidth: 1.65 Gbps
- Input Video Signal: 1.2 volts p-p
- Input DDC Signal: 5 volts p-p (TTL)
- Single Link Range: 1080p/1920 x 1200
- HDMI Connector: 19 pin type female connector
- DVI Connector: DVI-I 29 pin female (digital only)
- RCA Connector: Coaxial S/PDIF (PCM 48k)
- Phone Jack: Analog stereo audio
- Power Supply: 5 VDC
- Power Consumption: 10 watts (max)

## **2. Installation**

### **2-1 Static Electricity Precaution**

The **HDMI to DVI +Audio Converter** has been tested for conformance to safety regulations and requirements, and has been certified for international use. However, like all electronic equipments, The **HDMI to DVI +Audio Converter** should be used with care. Please read and follow the safety instructions to protect yourself from possible injury and to minimize the risk of damage to the unit.

- Follow all instructions and warnings marked on this unit.
- Do not attempt to service this unit yourself, except where explained in this manual.
- Provide proper ventilation and air circulation and do not use near water.

- Keep objects that might damage the device and assure that the placement of this unit is on a stable surface.
- Use only the power adapter, power cords and connection cables designed for this unit.
- Do not use liquid or aerosol cleaners to clean this unit. Always unplug the power to the device before cleaning.

## **2-2 Hardware Installation**

1. Connect your HDMI sources to the HDMI input connector.
2. Connect your DVI enabled monitors into the device's DVI output port.
3. Connect your SPDIF AV receiver into the device's RCA output port.
4. Connect your PC speaker into the device's phone jack output port.
5. Power up the HDMI to DVI +Audio Converter.

## **3. Notices**

SPDIF format is dependent upon the embedded digital audio part in the input HDMI stream. The SPDIF receiver must be able to recognize the input SPDIF format. This HDMI to DVI converter only separates the digital audio in HDMI stream, and bypasses this decoded audio to the output.

1. Analog stereo audio output can merely support 2-channel audio. This version does NOT support 8-channel analog audio applications.
2. S/PDIF audio output can support up to 8-channel audio output.



5303-0341-0010X