



DVI + Audio to HDMI Quick Installation Guide

Introducing the *DVI + Audio to HDMI*

The *DVI + Audio to HDMI* provides a low cost solution for converting DVI video plus either digital audio or analog stereo audio to Digital HDMI.

Features and Benefits

- Allows DVI based devices such as PCs with S/PDIF or analog stereo to be connected to HDMI enabled TVs
- Fully HDCP compliant
- Supports DVI video up to 165MHz
- Features Coaxial S/PDIF and stereo audio inputs

Technical Specifications

- Video Amplifier bandwidth: 1.65Gbps
- Video signal output: 1.2V (peak to peak)
- Output DDC signal: 5V (peak to peak) TTL
- Single link range: 1080p/1920 x 1200
- HDMI connector: 19 pin female
- DVI connector: DVI-I 29-pin female (digital only)
- Power consumption: 10 watts (max)

Package Contents

- *DVI + Audio to HDMI*
- Power adapter (5V, 2A)
- Quick installation guide

Front Panel



Figure 1: Front Panel

Rotary Switch Modes

- 0: Analog mode
- 1: S/PDIF audio mode
- 2-5: Reserved
- 6: EDID default
- 7: EDID update from HDMI port. To enable image, set rotary switch to 7, when image appears return to 0.

Status Indicator

Green indicates a good connection.

Rear Panel



Figure 2: Rear Panel

Hardware Installation

1. Connect your DVI source to the **DVI In** of the *DVI + Audio to HDMI*.
2. Connect either your digital S/PDIF or stereo audio source to **S/PDIF In** or **Stereo Audio In**, respectively, of the *DVI + Audio to HDMI*.
3. Connect your HDMI TV or other HDMI enabled display to **HDMI Out** of the *DVI + Audio to HDMI*.
4. Plug the power adapter into the **Power Jack** of the *DVI + Audio to HDMI*, then plug the power adapter into a reliable power outlet.

Safety Precautions

Like all electronic equipment the *DVI + Audio to HDMI* should be used with care. Please read and follow the safety precautions to protect yourself from possible injury and minimize the risk of damage to the unit.

- Follow all instructions and warnings marked on the unit
- Provide proper ventilation and air circulation, do not use near water
- Do not attempt to service the unit yourself, except where explained in the manual
- Keep objects that might damage the device at a safe distance and assure that the placement of this unit is on a stable surface
- Do not use liquid or aerosol cleaners to clean this unit and always unplug the power to the device before cleaning
- Use only the power adapter and accessories that came with the unit

FAQs

- Only HDMI enabled TVs with **underscan/overscan*** support can accurately display full active video. Some HDMI equipped TVs cannot support this feature. If underscan/overscan is not supported, the top, bottom, left and right border of the active video may be distorted, and the S/PDIF audio may not sound right.

***Note: Underscan** mode displays full video frame, which reveals content recorded on the edges of the screen. In **overscan** mode, the field monitor zooms into the area that would be visible on most TVs. Set the field monitor to **underscan** if your video will be viewed on a computer monitor or shown with a projector, also look for light stands, microphones and other unwanted objects on the edges of your shot. Set to **overscan** to see how the video will look on a television.

- **Stereo Audio In:** supports 2-channel analog audio. This port does not support 8-channel analog audio.
- **S/PDIF In:** supports up to 8-channel audio input.
- **S/PDIF In:** supports 48KHz audio sampling rate only. Adjust your audio source's output signal to 48KHz in order to send the correct audio signal.
- **Rotary Switch:** mode 7; to read EDID of the HDMI port. Set rotary switch to 7, then return to 0 when the image appears.

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Technical Support and Warranty

QUESTIONS? SIIG's **Online Support** has answers! Simply visit our web site at www.siig.com and click **Support**. Our online support database is updated daily with new drivers and solutions. Answers to your questions could be just a few clicks away. You can also submit questions online and a technical support analysts will promptly respond.

SIIG offers a 3-year manufacturer warranty with this product. Please see our web site for more warranty details. If you encounter any problems with this product, please follow the procedures below.

- A) If it is within the store's return policy period, please return the product to the store where you purchased from.
- B) If your purchase has passed the store's return policy period, please follow these steps to have the product repaired or replaced.

Step 1: Submit your RMA request.

Go to www.siig.com, click **Support**, then **RMA** to submit a request to [SIIG RMA](#). If the product is determined to be defective, an RMA number will be issued.

Step 2: After obtaining an RMA number, ship the product.

- Properly pack the product for shipping. All software, cable(s) and any other accessories that came with the original package must be included.
- Clearly write your RMA number on the top of the returned package. SIIG will refuse to accept any shipping package, and will not be responsible for a product returned without an RMA number posted on the outside of the shipping carton.
- You are responsible for the cost of shipping. Ship the product to the following address:

SIIG, Inc.
6078 Stewart Avenue
Fremont, CA 94538-3152, USA
RMA #: _____

- SIIG will ship the repaired or replaced product via Ground in the U.S. and International Economy outside of the U.S. at no cost to the customer.

About SIIG, Inc.

Founded in 1985, SIIG, Inc. is a leading computer upgrade manufacturer of I/O connectivity products, including PCIe, PCI & ISA serial and parallel ports, USB, Serial ATA & UltraATA controllers, FireWire (1394a/b), networking, sound cards, and other accessories. SIIG is the premier one-stop source of upgrades.

SIIG products offer comprehensive user manuals, many user-friendly features, and are backed by an extensive manufacturer warranty. High-quality control standards are evident by the overall ease of installation and compatibility of our products, as well as one of the lowest defective return rates in the industry. SIIG products can be found in computer retail stores, mail order catalogs, through major distributors, system integrators, and VARs in the Americas and the UK, and through e-commerce sites.

PRODUCT NAME

DVI + Audio to HDMI

FCC RULES: TESTED TO COMPLY WITH FCC PART 15, CLASS B OPERATING ENVIRONMENT: FOR HOME OR OFFICE USE

FCC COMPLIANCE STATEMENT:

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

THE PARTY RESPONSIBLE FOR PRODUCT COMPLIANCE

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