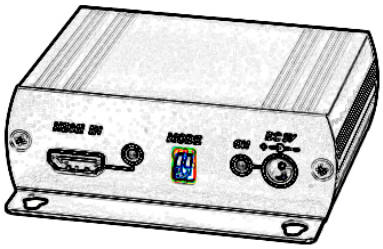
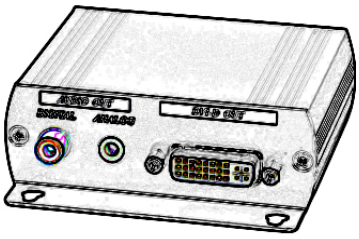
# HDMI to DVI+Audio Converter, DVI+Audio to HDMI Converter

## ITEM NO.: HD01, DH01

**These handy devices provide an easy and instant approach for converting digital video (HDMI or DVI-D) and both digital audio (SPDIF) and analog stereo audio to digital video (DVI or HDMI). With these Converters, HDMI based devices such as DVD, PS3, or set top boxes can connect to your PC LCD monitor and PC speakers at lowest cost. DVI based devices such as PC with SPDIF or analog stereo audio can connect to your HDMI TV at lowest cost.**



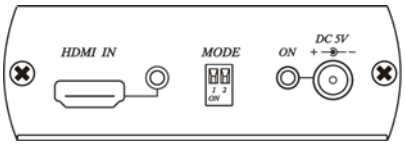


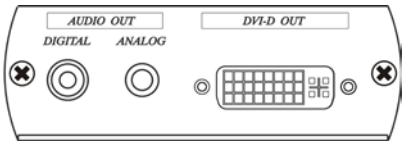
### HD01 HDMI to DVI Converter

**Feature:**

- **HDMI 1.3 compatible**
- **Fully HDCP compliant**
- **DVI video up to 165MHz**
- **Coaxial SPDIF audio, stereo analog audio output**

**Front & Real Panel:**



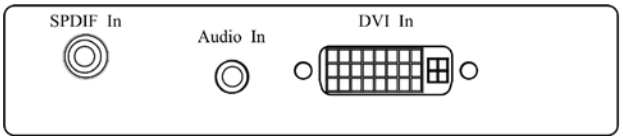

**Dip Switch Setting:**

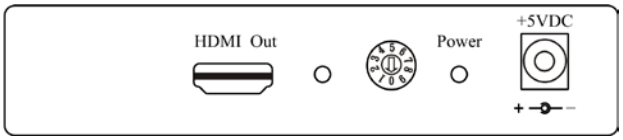
1. MODE: 2-level dip switch for audio settings
   1 ON: 2 channel Analog Audio output
   2 ON: 2 channel / 5.1 channels SPDIF output
   OFF: No audio output
2. LED Status Indicator
   [HDMI] – lights up means the HDMI device is connected
   [Power] – lights up means the DC power is connected

Remark: 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. Our device only separates the digital audio in HDMI stream, and bypasses this decoded audio to the output.
Analog audio only support 2 channels, there is no output when the source is AC3/DTS multi channel audio.

### DH01 DVI & Audio to HDMI Converter

**Feature:**




- **HDMI 1.2a compatible**
- **Fully HDCP compliant**
- **DVI video up to 165MHz**
- **Coaxial SPDIF audio, stereo analog audio input**
- **Built-in "EDID data" detector and storage.**

**Rotary Switch Setting:**

**0: Analog Audio Mode**
**1: S/PDIF Audio Mode**
**2-5: Reserved**
**6: EDID Default**

**Step 1: Power on**
**Step 2: Switch to 6 then green led will on**
**Step 3: Wait green led off then switch back to 0 or 1**

**7: EDID Update from HDMI monitor**
**Step 1: Power on**
**Step 2: Connect HDMI cable**
**Step 3: Switch to 7 then green led will on**
**Step 4: Wait green led off then switch back to 0 or 1**

## Installation View:

**HD01**


**DH01**


## REMARK:

**EDID: Extended display identification data is a data structure provided by a computer display to describe its capabilities to a graphics card. It is what enables a modern personal computer to know what kind of monitor is connected.**

## Trouble Shooting:

1. If your monitor without audio function, then please setting the rotary switch at 6 (EDID Default), force "audio output" to your external speaker.
2. Only HDMI enabled TV sets with underscan/overscan* support, the full active video can be accurately displayed. Some HDMI equipped TV sets may not support this feature. If underscan/overscan* is NOT supported, the top, bottom, left and right border of the active video may be screened, and the S/PDIF audio may not sound right.
3. S/PDIF audio input can support up to 8-channel audio input. If your TV not support Dolby Digital or dts audio decoding , then you will add audio decoder or amplifier.
4. S/PDIF supports only 48KHz audio sample rate. Other than this rate, the input digital audio should be adjusted to 48KHz in order to get audio signal correctly sent.

## Specification:

| TEM NO. | HD01 | DH01 |
|---|---|---|
| Video Amplifier Bandwidth | 1.65 Gbps | |
| Output Video Signal | 1.2 Volts p-p | |
| Output DDC Signal | 5 Volts p-p (TTL) | |
| Single Link Rang | 1080P/1920 X 1200 | |
| Input/Output Connector | DVI-I 29 pin female (Digital only)<br>HDMI Type A 19 PIN<br>RCA : Coax SPDIF, Phone Jack: Analog stereo | |
| Temperature | Operation:-10℃~45℃, Storage: -30℃~70℃ | |
| Power Consumption | 440mA (Max) | 510mA (Max) |
| Power Supply | DC5V 1Amp | |
| Temperature | Operation: 0 to 55℃, Storage: -20 TO 85℃, Humidity: up to 95% | |
| DIMENSIONS mm | 88 x 95 x 30 | 123 x 103 x 25.4 |
| Weight g | 190 | 290 |

RoHS CE FC

Rev. B