

Table of Contents

- 1.0 Introduction.....
- 2.0 Specifications.....
- 3.0 Package Contents.....
- 4.0 Panel Descriptions.....
- 5.0 Connect and Operate.....
- 6.0 Troubleshooting.....

DVI + Audio to HDMI Converter

Model No: HCD0101

Dear Customer

Thanks for your purchase of the DVI Audio to HDMI Converter. 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

The converter is designed to make your AV equipment use more comfortable, more productive and less expensive. It converts a digital DVI signal and toslink audio and digital audio input to an HDMI format allowing the viewing or switching of a digital AV signal on an HDMI system.

The DVI+Audio to HDMI Converter is a unique device that combines digital video (DVI) and digital audio into HDMI to seamlessly integrate into the modern home theaters. This product not only meets the ideal image of the HDTV but also meets the need of the enthusiasts' requirement for audio. Because it transmits the audio signal by toslink audio and digital audio.

This DVI+Audio to HDMI Converter offer solutions for noise, space and security concerns, data center control, information-distribution, conference-room presentation, school and corporate training environments.

1.2 FEATURES

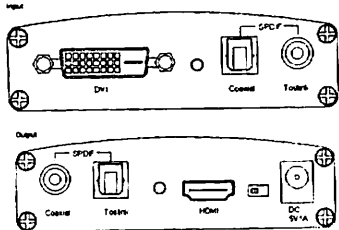
The series of the Converter have many features that enable them to perform in a superior manner. Among those features you will find:

- Supports HDCP
- HDMI 1.3 compliant

- Toslink Audio and Digital Audio input/output
- Supports HDTV resolutions
- Easy to Use: Install in seconds, no need of setting.
- Supports resolutions up to 1080p, 2K, and 1920 x 1200
- Encodes digital audio onto the video signal for HDMI™ video and audio
- Allows you to connect computers or other sources with DVI output and SPDIF to an HDMI display

2.0 SPECIFICATIONS

Signal Inputs/Output	
Input Video Signal	1.2 volts p-p
Input DDC Signal	5 volts p-p (TTL)
Output Video	HDMI1.3+HDCP1.2
Video format supported	
VGA	640x480,800x600,1024x768,1920x1200
DTV/HDTV	480i,576i,1080i,480p,576p,720p,1080p
Connector	
HDMI Connector	Type A (19 pin) female
DVI Connector	DVI-I (29 pin) female (digital only)
Audio Connector	Toslink Audio and Digital Audio
Operating Frequency	
Frequency	Up to 250Mhz
Resolutions(HDTV)	
Interlaced(50&60Hz)	480i,576i,1080i
Progressive(50&60Hz)	480p,576p,720p,1080p
Mechanical	
Size(W-H-D)	5"W x 1"H x 4"D
Weight for shipping	2 lbs
Warranty	
Limited Warranty	1 Year Parts and Labor



5.0 CONNECT AND OPERATE

Before installation, please make sure all devices you wish to connect have been turned off.

- 1) Connect the AC adapter to the Converter's power input (Do not plug the adapter into an AC outlet yet).
- 2) Connect the appropriate cables to the source device and then the converter.
- 3) Connect the output cables to the Converter and then to the destination device.
- 4) Plug the Power Adapter into a working AC outlet.
- 5) Power on all input and output devices.
- 6) The DVI-HDCP input signal should now be available to all devices connected to the device outputs.

Attention: Insert / Extract cable gently.

Environmental	
Operating Temperature	0°C to +70°C
Operating Humidity	10% to 95% RH (no condensation)
Storage Temperature	-10°C to +100°C
Storage Humidity	5% to 90% RH (no condensation)
Power Requirement	
External Power Supply	5V DC @ 2A
Power Consumption	10 watts (max)
Regulatory Approvals	
Converter Unit	FCC, CE, UL, UK, CCC, PCC
Power Supply	FCC, CE, UL, UK, CCC, PCC
Accessories Adapter	
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

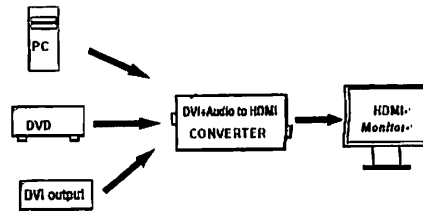
Before attempting to use this unit, please check the packaging and make sure the following items are contained in the shipping carton:

- 1) Main unit (different models have different I/P/N)
- 2) 5V DC Power Supply.
- 3) User's Manual.

4.0 PANEL DESCRIPTIONS

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

5.1 CONNECTION DIAGRAM



6.0 TROUBLESHOOTING

If the Converter does not appear to be functioning, make certain that the source and destination device connected to the unit are functioning correctly by connecting each device using a cable with a length of 6 feet or less. (In other words, make certain that the problem is not caused by long cables.) If the signal is present under those conditions, make certain that the power is present to the converter. If it is, measure the cable length you are attempting to use between the sources to the switcher and the switcher to the monitor. The input cables should be 6 feet or less in length and the output cable must be less than 33 feet long and all cables should be premium quality. Lastly, inspect the cables and connectors for damage.

6.1 Non-HDCP Compliant Devices

If a DVI device does not appear to work, make certain that the device is HDCP compliant. A non-HDCP compliant DVI device will not work with a signal that has HDCP encoding present.

