



AU-D3-H

Digital Audio Converter with Stereo
Headphone Output (DAC)

OPERATION MANUAL



• **Safety Precautions**

Please read all instructions before attempting to unpack or install or operate this equipment, and before connecting the power supply. Please keep the following in mind as you unpack and install this equipment:

- Always follow basic safety precautions to reduce the risk of fire, electrical shock and injury to persons.
- To prevent fire or shock hazard, do not expose the unit to rain, moisture or install this product near water.
- Never spill liquid of any kind on or into this product.
- Never push an object of any kind into this product through module openings or empty slots, as you may damage parts.
- Do not attach the power supply cabling to building surfaces.
- Do not allow anything to rest on the power cabling or allow it to be abused by persons walking on it.
- To protect the equipment from overheating, do not block the slots and openings in the module housing that provide ventilation.

• **Revision History**

<u>Version No</u>	<u>Date</u>	<u>Summary of Change</u>
VR0	20110917	Preliminary Release

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1. Introduction

The AU-D3-H is designed to convert either Coaxial or Optical signals from a digital stereo signal to analogue stereo audio and output via a 3.5mm Headphone connection. This product features an integrated headphone amplifier and is capable of supporting audio sampling rates up to 192kHz for enhancing sound reproduction.

2. Applications

- Digital Coaxial input to headphone output
- Digital Optical input to headphone output

3. Package Contents

- Digital to Headphone Audio Converter
- 3.3V / 1.5A DC Power Adaptor
- Operation Manual

4 System Requirements

Input source equipment such as DVD/Blu-ray player and output to headphone.

5. Features

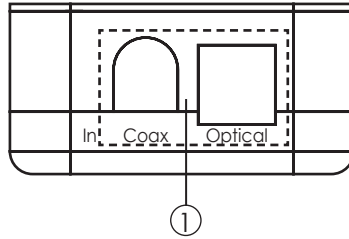
- Supports up to 192K / 24bits digital audio input (Coaxial/Optical).
- Supports 2 channel PCM from Coaxial/Optical input.
- Built-in 200mW Cap-Less Headphone amp.
- Compact size and easy to install.

6. Specifications

Input Ports	Coaxial and Optical
Input Format	SPDIF PCM 2 CH
Sample Frequency	32KHz~192K/24 bit
Output Ports	3.5Φ Headphone jack
Output power	200mW
Headphone Impedance	16Ω ~ 32Ω
Power Supply	3.3V/1.5A power adaptor (US/EU standards, CE/FCC/UL certified)
Dimensions (mm)	42(W) x 40.5(D) x 22(H)
Weight(g)	25
Chassis Material	Plastic
Silkscreen Color	6'UW_
Operating Temperature	0°C ~ 40°C
Power Consumption	0.7W

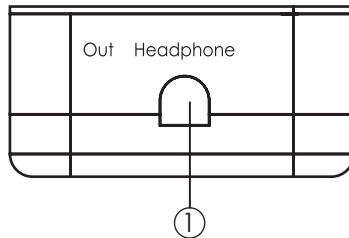
7. Operation Controls and Functions

7.1 Upper Panel



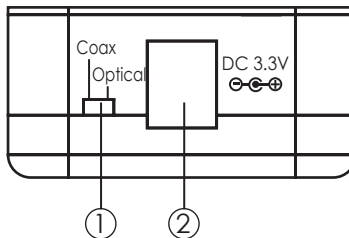
- ①. Coax/Optical input: Connect the Coax/Optical inputs into the Coaxial/Optical audio source such as DVD/Blu-ray player or Set Top Box.

7.2 Lower Panel



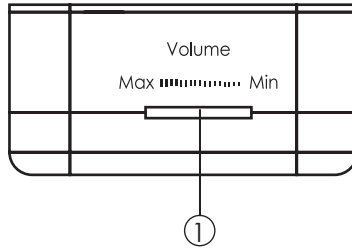
- ①. Headphone Output: Connect the 3.5Ø phone jack headphone into the slot and enjoy the digital audio from either Coax/Optical input.

7.3 Left Panel



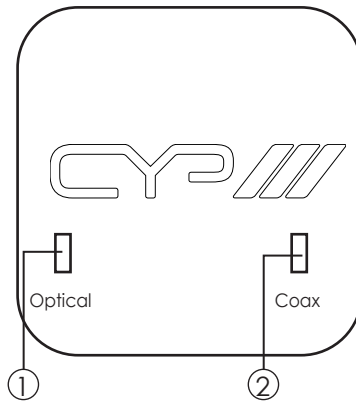
- ①. Coax/Optical switcher: Moving the switch determines which input Audio source is active and will be converted to Headphone.
- ②. Power: Plug 3.3V DC power supply into the unit and connect the adaptor to AC wall outlet.

7.4 Right Panel



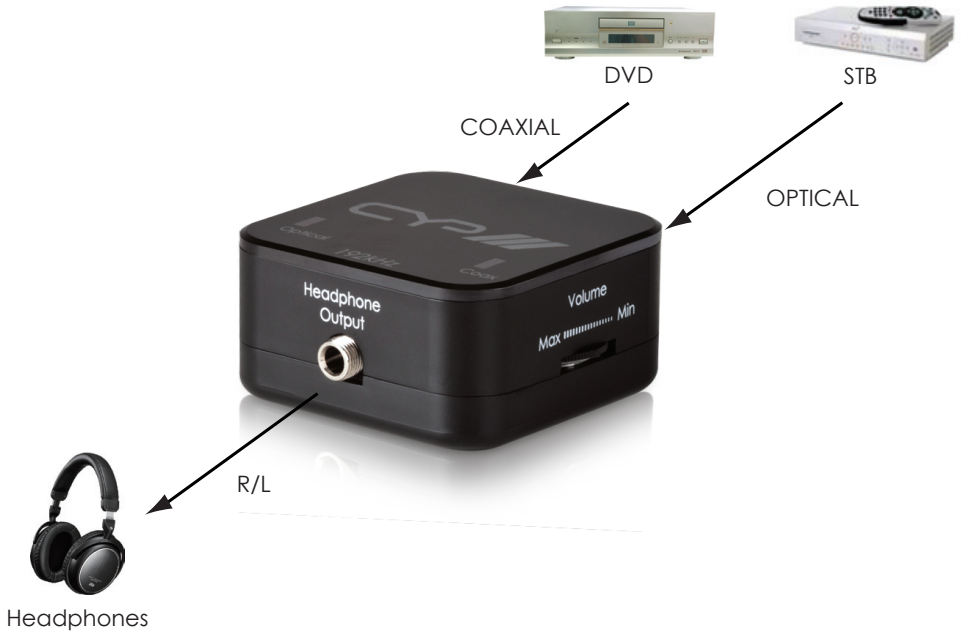
- ①. Headphone Volume: Adjust the output headphone volume by turning to right or left from small to maximum sound.

7.5 Top Panel



- ①. Optical/Coax input LED: The LED light will illuminate according to the fall of input selection switch. The right side LED represent Optical input and the left side LED represent Coaxial input.

8. Connection and Installation



Acronyms



Acronym

Complete Term

ESD

Electrostatic Discharge

LED

Light-emitting Diode



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