NEXIS

DHP01

Digital to Headphone Audio Converter



Operation Manual

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Version 1.1 August 2011

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SAFETY PRECAUTIONS

Please read all instructions before attempting to unpack, 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 any openings or empty slots in the unit, as you may damage parts inside the unit.
- Do not attach the power supply cabling to building surfaces.
- Use only the supplied power supply unit (PSU). Do not use the PSU if it is damaged.
- Do not allow anything to rest on the power cabling or allow any weight to be placed upon it or any person walk on it.
- To protect the unit from overheating, do not block any vents or openings in the unit housing that provide ventilation and allow for sufficient space for air to circulate around the unit.

REVISION HISTORY

VERSION NO.	DATE DD/MM/YY	SUMMARY OF CHANGE
VS1	25/11/11	First release

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1. INTRODUCTION

The Digital to Headphone Audio converter is an easy to use device that converts and amplifies (200mW Cap-Less) Coaxial or Optical digital audio into analogue headphone audio. This device can switch between Coaxial or Optical sources and also has a convenient volume control.

2. APPLICATIONS

- Converting a Digital Coaxial or Optical input to analogue headphone output

3. PACKAGE CONTENTS

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

4 SYSTEM REQUIREMENTS

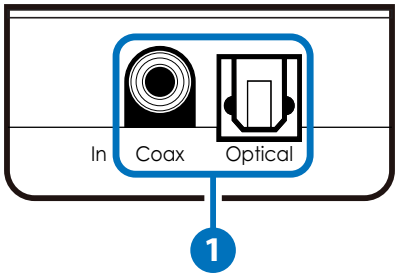
Input source equipment with digital audio output such as CD Player or DVD/Blu-ray player and 3.5mm stereo jack output to headphone.

5. FEATURES

- Supports up to 192K/24-bit 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. OPERATION CONTROLS AND FUNCTIONS

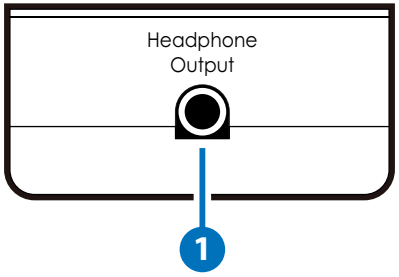
6.1 Upper Panel



1 Coax/Optical Input

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

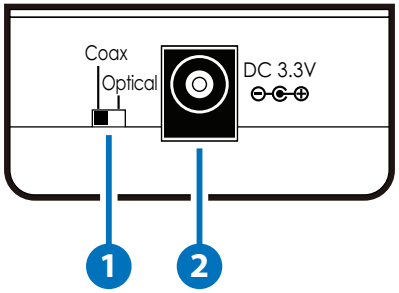
6.2 Lower Panel



1 Headphone Output

Connect the 3.5mm phone jack headphone and enjoy digital audio from either Coaxial/Optical input.

6.3 Left Panel



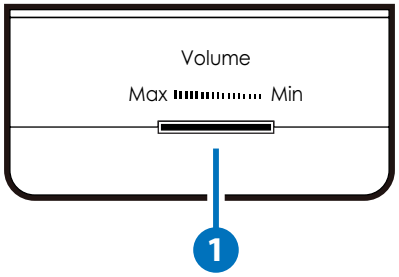
1 Coax/Optical Switcher

Moving the switch determines which input Audio source is active and will be converted to headphone stereo audio.

2 Power

Plug 3.3 V DC power supply into the unit and connect the adaptor to AC wall outlet.

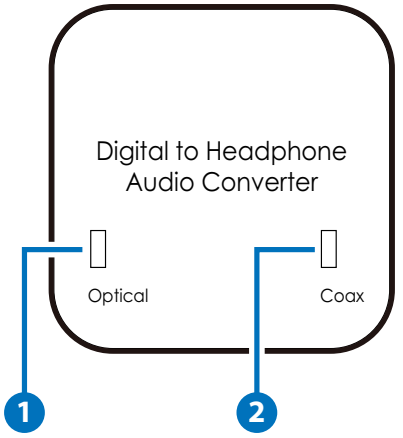
6.4 Right Panel



1 Headphone Volume

Adjusts the headphone output volume.

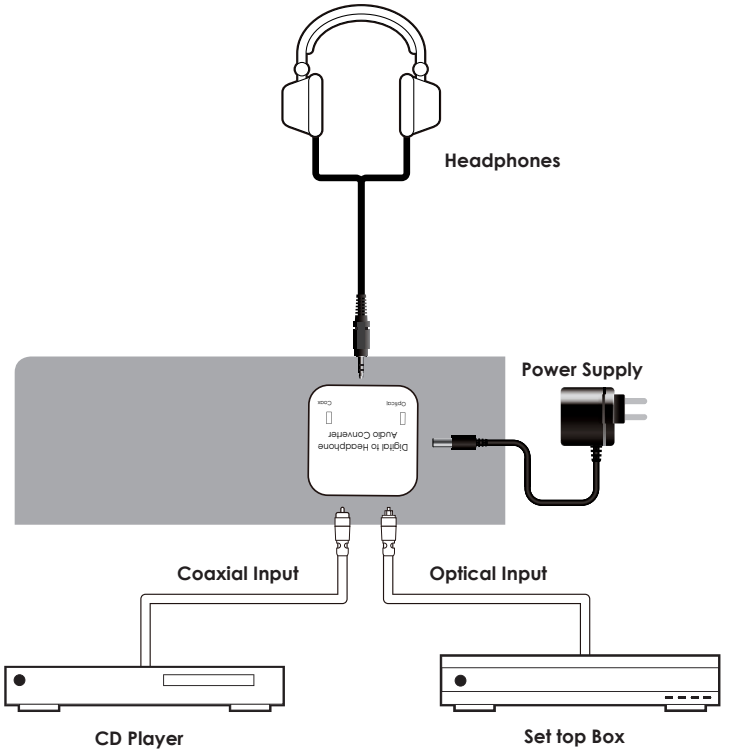
6.5 Top Panel



1 / 2 Optical/Coax Input LED

When lit, indicates which digital output is selected.

7. CONNECTION DIAGRAM



8. SPECIFICATIONS

Input Ports	Coaxial and Optical
Input Format	SPDIF PCM 2 CH
Sample Frequency	32KHz~192K/24-bit
Output Ports	3.5mm 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	42mm (W) × 40.5mm(D) × 22mm(H)
Weight	25g
Chassis Material	Plastic
Silkscreen Color	White
Operating Temperature	0 °C~40 °C
Power Consumption	0.7W

9. ACRONYMS

ACRONYM	COMPLETE TERM
ESD	Electrostatic Discharge
LED	Light-emitting Diode


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