

USER MANUAL

Digital to Analog Audio HiFi Headphone Amplifier

With Toslink ⇌ Coaxial

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Digital to Analog Audio HiFi Headphone Amplifier

Dear Customer

Thank you for purchasing this Audio 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

This Digital to Analog Audio converter is designed for home or professional audio switching. It converts coaxial or Toslink digital audio signals to analog L / R audio and can be connected to external devices such as amplifiers via a standard RCA-type jack. You can also 3.5mm headphone jack output, connect high-fidelity headphones. The converter is small and easy to install. Built-in high-fidelity amplifier chips, headphones and RCA output port can easily push 16-300 ohm high-fidelity headphones. Product support power off, the volume size adjustment, more easily adapt to different sources, different environments. The product also supports Toslink input to Toslink, coaxial output, coaxial input to Toslink, coaxial output, can adapt to more digital audio amplifier interface.

1.1 FEATURES

This converter has many features that enable it to perform in a superior manner.

Among those features you will find:

- Converts Coaxial or Toslink digital audio signals to analog L/R audio
- Supports sampling rate at 32kHz, 44.1kHz, 48kHz, 96kHz and 192kHz, up to 24-bit resolution
- 24-bit S/PDIF incoming bit stream on left and right channels
- Supports 16-300 ohm high-fidelity headphones
- Support power off
- Support the sound size to adjust at will
- Supports Toslink input to coaxial output
- Supports coaxial input to Toslink output

- Provides electromagnetic-noise-free transmission
- Easy to install and simple to operate

2.0 SPECIFICATIONS

Signal Inputs/Output	
Input Audio	Coaxial or Toslink digital audio
Output Audio	L/R, headphone, Coaxial, Toslink
Connector	
Input audio connector	Toslink, 1xRCA(Coaxial)
Output analog audio connector	2xRCA(R/L) and 3.5mm headphone
Output digital audio connector	Toslink, 1xRCA(Coaxial)
Sampling rate	32,44,1,48,96 and 192 Khz, up to 24-bit resolution
Max output power	
16Ω	200mW
300Ω	20mW
Distortion	<0.01%(10mW)
Headphone impedance	16Ω~300Ω
Frequency Response	10Hz~48KHz

Mechanical	
Size(L-W-H)	97x83x27mm
Weight(Net)	118g
Warranty	
Limited Warranty	1 Year Parts and Labor
Environmental	
Operating Temperature	0°C to +70°C
Operating Humidity	10% to 85% RH(no condensation)
Storage Temperature	-10°C to +80°C
Storage Humidity	5% to 90% RH(no condensation)
Power Requirement	
External Power Supply	5V DC@500mA
Power Consumption	0.5 watts(max)
Regulatory Approvals	
Converter Unit	FCC, CE, UL
Power Supply	UL, CE,FCC
Accessories Adapter	
AC Power Adapter	US standard,UK standard and so on
User Manual	English Version

Note: Specifications are subject to change without notice.

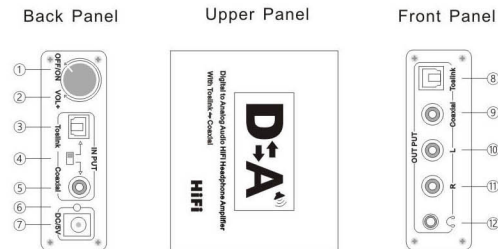
3.0 PACKAGE CONTENTS

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

- 1) Main unit (Digital to Analog Audio HiFi Headphone Amplifier)
- 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.



- ① Turn the power switch to the left, and hear the "beep" power off.
- ② Volume switching controller.
- ③ Toslink input port.
- ④ Toslink coaxial switch input switch
- ⑤ Coaxial input port.
- ⑥ Power Indicator

- ⑦ Power input:DC/5V.
- ⑧ Toslink output port.
- ⑨ Coaxial output port.
- ⑩ L output port.
- ⑪ R output port.
- ⑫ Headphone output port.

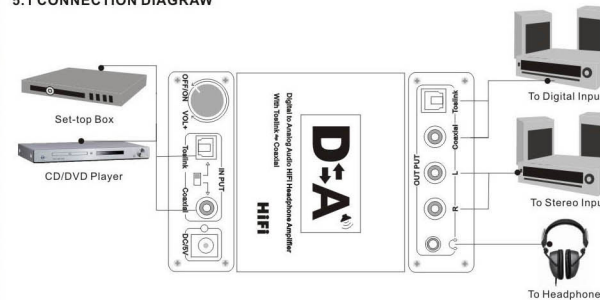
5.0 CONNECTION AND OPERATION

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

- 1) Connect the audio source device to the Converter using appropriate Toslink or Coaxial cables.
- 2) Connect the A/V Receivers or Amplifiers to the Converter using appropriate R/L cable.
- 3) Insert the DC side of 5V power supply into the converter and then connect the AC side of the power supply into the wall outlet. Turn the power switch to adjust the volume.

Attention: Insert/Extract cable gently.

5.1 CONNECTION DIAGRAW



6.0 Note:

- Please read this instruction manual before use.
- Please do not open the machine, if the need to repair, please contact the dealer or find professional and technical personnel maintenance.
- Unplug the machine for a long time without using the machine.
- Avoid using the product in humid and high temperature environment. If liquid enters into this product, please consult professional technician before use.
- Use headphones may not hear the sound of the external environment, for your personal safety, please do not use headphones in a hazardous environment.
- To protect your hearing, insert the headset in a state of minimum volume and use the volume control in a comfortable state.