

Analog to Digital Audio Converter

Operation Manual



DCT-4

TABLE OF CONTENTS

| | |
|--------------------------------------------------|---|
| 1. Introduction | 1 |
| 2. Main Features | 1 |
| 3. Package Contents | 1 |
| 4. Operation Controls and Functions | 2 |
| 4.1 Front Panel..... | 2 |
| 4.2 Rear Panel..... | 2 |
| 4.3 Side Panel..... | 2 |
| 5. Connection and Installation | 3 |
| 6. Specifications | 3 |

1. Introduction

Analog to Digital Audio Converter is designed to convert analog stereo audio signal from L/R input to Coaxial S/PDIF and Toslink Optical outputs simultaneously. The output digital audio signal is 2-channel uncompressed LPCM (Linear Pulse Code Modulation) with sampling rate at 48 KHz. Both Optical Fiber and Coaxial cables connected to the outputs of the unit can run up to 5 meters while still provide reliable and lossless audio signal transmission. The product is compact and easy to install, and that makes it a very handy gadget recommended for either home or professional audio switching.

2. Main Features

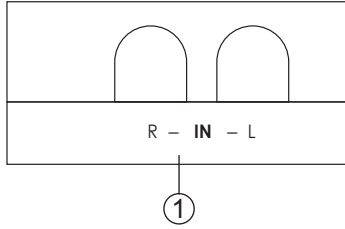
- Supports uncompressed 2-channel LPCM (Linear Pulse Code Modulation) digital audio signal output.
- Supports output sampling rate at 48 KHz.
- Provides electromagnetic-noise-free transmission.
- Easy to install and simple to operate.

3. Package Contents

- Analog to Digital Audio Converter box.
- 5V DC power supply adaptor.
- Operation Manual.

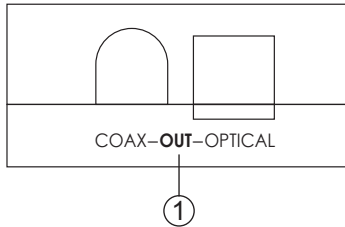
4. Operation Controls and Functions

4.1 Front Panel



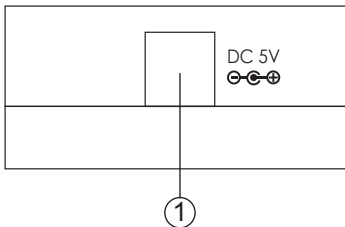
- ① L/R Analog Audio Input Ports: Connect L/R RCA jacks to the audio output ports of audio amplifier, AV receiver, LCD TV, or DVD player.

4.2 Rear Panel



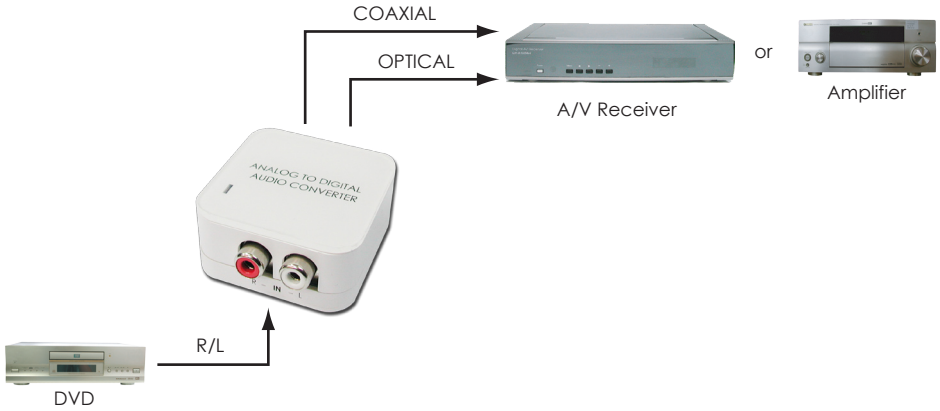
- ① Coaxial and TOSLink (Optical Fiber) Output Ports: Connect the output ports to the Coaxial or TOSLink (Optical Fiber) input port of audio equipments such as audio amplifier and AV receiver, using proper cable.

4.3 Side Panel



- ① Power: Plug 5V DC power supply into the unit and connect the adaptor to AC wall outlet.

5. Connection and Installation



6. Specifications

| | |
|-----------------------|--------------------------------------------------------|
| Input ports | Stereo R/L |
| Output ports | 1 x TOSLink (Optical Fiber), 1 x Coaxial |
| Power Supply | 5V/0.36~0.5A DC (US/EU standards, CE/FCC/UL certified) |
| Dimensions (mm) | 57(W) x 45.5(D) x 23.5(H) |
| Weight(g) | 30 |
| Chassis Material | Plastic |
| Silk Skin Color | White |
| Operating Temperature | Operating from 0°C ~ 48°C |



CYPRESS TECHNOLOGY CO., LTD.
Home page: <http://www.cypress.com.tw>