

Analog to Digital Audio Converter with Audio Delay

Operation Manual



DCT-4T

TABLE OF CONTENTS

1. Introduction.....	1
2. Features.....	1
3. Package Contents.....	1
4. Operation Controls and Functions.....	2
4.1 Front Panel.....	2
4.2 Rear 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, with additional audio delay (150 mini-seconds) function selectable. 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

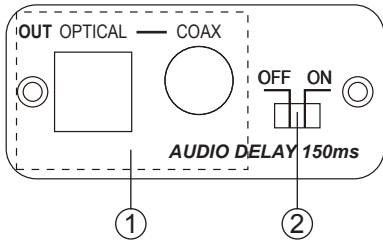
- Audio delay technology provides 150 min-seconds delay and no delay options on audio output for user to adjust lip sync (or A/V sync) when necessary.
- Supports uncompressed 2-channel LPCM (Linear Pulse Code Modulation) digital audio signal output.
- Supports output sampling rate at 48 KHz.
- Provides electromagnetic-noise-free transmission.
- Easy to install and simple to operate.

3. Package Contents

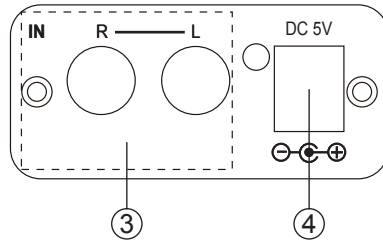
- Analog to Digital Audio Converter box.
- 5V DC power supply adaptor.
- Operation Manual.

4. Operation Controls and Functions

4.1. Front Panel

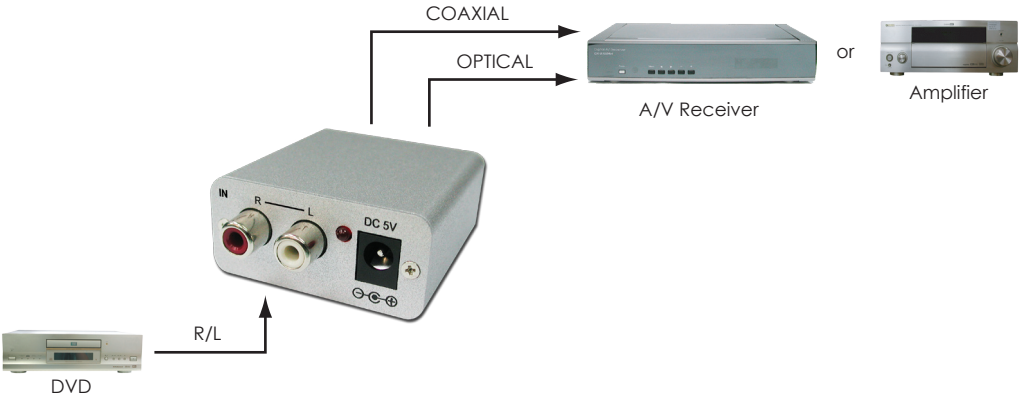


4.2. Rear Panel



- 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.
- ② Audio Delay Selection: Use this mini switcher to turn ON/OFF the audio delay function. When it's turned on, the audio output will be 150 ms later than the original audio source.
- ③ 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 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)	67(W) x 50(D) x 23(H)
Weight(g)	30
Chassis Material	Plastic
Silk Skin Color	White
Operating Temperature	Operating from 0°C ~ 40°C



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