Coaxial/Optical to R/L audio Converter

Operation Manual

DCT-3
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1. Introduction
This is a Coaxial/Optical to R/L audio converter box. It accepts digital audio signal input through either Coaxial or Optical port, simply selected by switcher to determines which digital input is active and then the system will convert the digital audio signal to analog audio signal (R/L) output.

2. Features
- Supports digital audio signal (Coaxial/Optical) input and analog audio signal (R/L) output.
- Integrated digital interpolator filter and Digital to Analog Converter (DAC).
- Supports non-compression digital stereo audio input.
- Compact size and easy to install.
- Support SPDIF 24 bits of data for the left and right channel.
3. Operation Controls and Functions

3.1 Front Panel

1. Optical/coaxial switcher: Switch the switcher to determine which input audio source is active.
2. Power: Plug 5V DC power supply into the unit and connect the adapter to AC wall outlet.

3.2 Rear Panel

1. Coaxial/optical input: Connect coaxial/optical inputs to the coaxial/optical audio equipments, such as DVD player, etc.
2. L/R output: Connect L/R stereo analog audio output to the display audio input or audio equipment.
4. Connection and Installation

![Diagram of connection between devices]

5. Specifications

- **Input ports**: Coaxial and Optical
- **Input Format**: SPDIF LPCM 2 CH, 24 bit
- **Sample Frequency**: 32 KHz, 44.1 KHz, 48 KHz, 96 KHz
- **Output ports**: R/L stereo
- **Output Level**: 2Vpp
- **Output Impedance**: 100Ω
- **Power Supply**: 5V/0.36~0.5A DC (US/EU standards, CE/FCC/UL certified)
- **Dimensions (mm)**: 42(W) x 40.5(D) x 22(H)
- **Weight**(a): 25
- **Chassis Material**: Plastic
- **Silk Skin Color**: White
- **Operatina Temperature**: Operatina from 0°C ~ 40°C
- **Power Consumption**: 0.5W