DCT-3E
Digital to Analog Audio Converter

1.0 Introduction

This Digital to Analog Audio Converter is designed for either home or professional audio switching. It converts Coaxial or Toslink digital audio signals to analog L/R audio and available for connection to an external device such as an amplifier via standard RCA-style jacks. This Converter is small in size and quite easy to install.

1.1 Features

This Converter has many features that enable it to perform in a superior manner. Among those features you will find:

1. Converts Coaxial or Toslink digital audio signals to analog L/R audio

2. Supports sampling rate at 32, 44.1, 48 and 96 KHz.

3. 24-bit S/PDIF incoming bit stream on left and right channels

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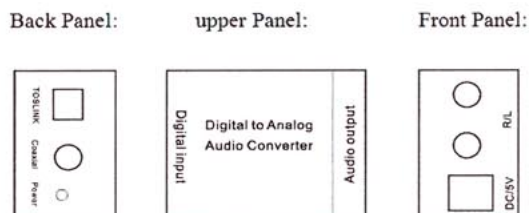
5. Easy to install and simple to operate.

2.0 SPECIFICATIONS

Signal Inputs/Output	
Input Audio	Coaxial or Toslink digital audio
Output Audio	L/R audio
Connector	
Input audio connector	Toslink、1XRCA(Coaxial)
Output audio connector	2XRCA（R/L）
Sampling rate	32, 44.1, 48 and 96 KHz
Size(L-W-H)	51X41X26MM
Weight (Net)	78g
Warranty	
Limited Warranty	1 Year Parts and Labor
Environmental	

Operating Temperature	0 ℃ to +70℃
Operating Humidity	10% to 85 % RH (no condensation)
Storage Temperature	-10℃ to +80℃
Storage Humidity	5% to 90 % RH (no condensation)
Power Requirement	
External Power Supply	5V DC@1A
Power Consumption	0.5 watts (max)
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

4.0 PANEL DESCRIPTIONS

Please study the panel drawings below and become familiar with the signal input(s),output(s) and power requirements.

Back Panel: upper Panel: Front Panel:

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 L/R 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.

Note: When connected to the Toslink and Coaxial cables at the same, the product will give priority to Toslink input

5.1 CONNERCTION DIAGRAM