

Digital-Analog Two Way Audio Converter - **ID# 710**



Operation Manual

Introduction

Digital-Analog Two Way Audio Converter. The unit allows you to convert an Analog L/R audio signal into a Digital output (Toslink Optical or Coaxial). The unit functions as a two way converter, also allowing you to convert a Digital Toslink or Coaxial signal into an Analog L/R output.

The Digital to Analog function makes it ideal for the integration of your older style analog stereo sound system with new digital audio sources such as Blu-Ray DVD players, Game Boxes, Home Media Centres and full digital High Definition TV sets, whilst the Analog to Digital function makes it ideal for use with a digital sound system with analog audio sources such as VCR players, and Television sets.

The Digital-Analog Two Way Audio Converter also allows you to simultaneously output both the digital and analog signal. For example you could output via TOSLink to one receiver, and output via L/R to another receiver at the same time.

Features

- Integrated digital interpolator filter and Digital-to-Analog Converter (DAC)
- Integrated Analog -to-Digital Converter (ADC)
- Supports sampling frequencies from 16 to 100kHz
- Provides electro-magnetic-noise-free transmission
- Easy to install and to operate
- Compact size with elegant design

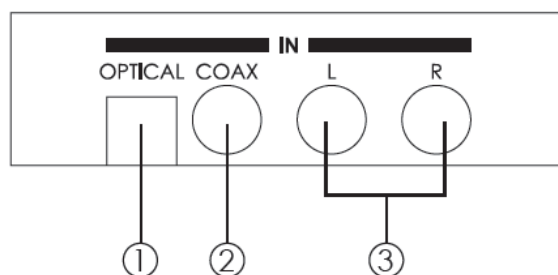
Operating Functions and Controls

Front Panel



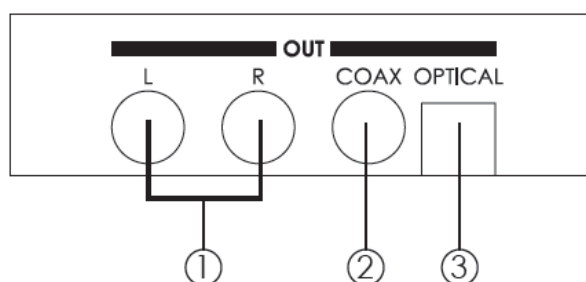
- ① Power LED indicator.
- ② Input Analog 2CH LED indicator.
- ③ Input COAX LED indicator.
- ④ Input OPTICAL LED indicator.

Right Panel



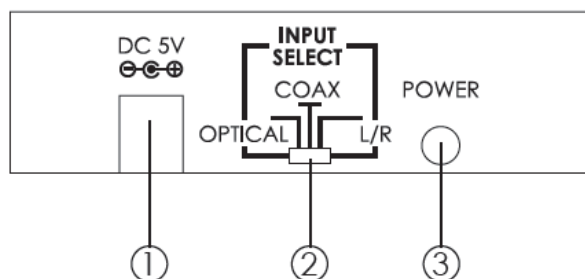
- ① OPTICAL: Connect from audio source equipment's optical audio output with optical cable.
- ② COAX: Connect from audio source equipment's coaxial audio output with coaxial cable.
- ③ L/R: Connect from audio source equipment's L/R audio output with L/R RCA jack cable.

Left Panel



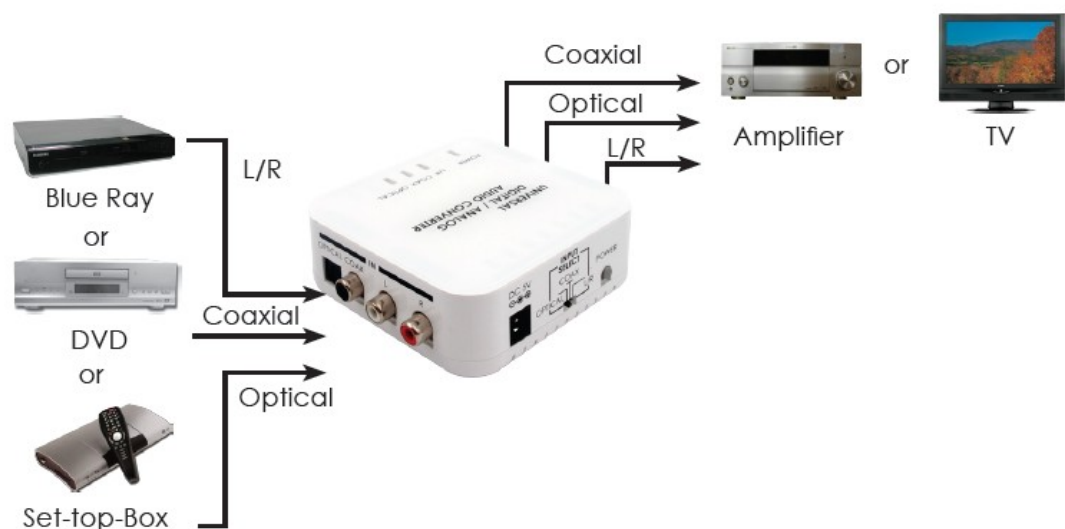
- ① L/R: Connect to audio equipment's L/R input such like TV or amplifier with L/R RCA jack cable.
- ② COAX: Connect to audio equipment's coaxial input such like TV or amplifier with coaxial cable.
- ③ OPTICAL: Connect to audio display equipment's optical input such like TV or amplifier with optical cable.

Rear Panel



- ① DC 5V Power Jack: Plug 5V 1A DC power supply into the unit and connect the adaptor to AC wall outlet.
- ② INPUT SELECT: Use this switcher to select input from optical, coaxial or L/R.
- ③ Power Switch: Push to button to turn on or switch off the device.

Installation



Specifications

Input Port	Optical, Coaxial and L/R
Input Format	Toslink, SPIDIF and LPCM 2CH
Sample Frequency	32kHz, 44.1kHz, 48kHz and 96kHz
Output Ports	Coaxial, Optical and L/R
Output Level	2Vp-p
Output Impedance	100Ω
ESD Protection	Human body model: ± 10kV (air-gap discharge) ± 6kV (contact discharge) Core chipset: ± 2kV
Power Supply	5V / 1A DC (US/EU standard, CE/FCC/UL certified)
Dimensions(mm)	97(W) x 85(D) x 35(H)
Weight(g)	120
Chassis Material	Plastic
Silkscreen Color	White
Operating Temperature	0°C~40°C / 32 °F~104 °F
Storage Temperature	-20°C~60°C / -4 °F~140 °F
Power Consumption	1W
Relative Humidity	20~90% RH (non-condensing)