AU-D150

USB/Optical Digital Audio Converter (DAC)

OPERATION MANUAL

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1. Introduction

USB/Optical Digital Audio Converter (DAC) will convert a digital audio signal to analogue, whilst simultaneously outputting a digital optical signal. It is designed for easy installation of USB or optical sources and can be powered by USB or via the included PSU. The optical output can be linked with an amplifier or any sound system with optical SPDIF input, whilst the analogue stereo output can be connected to a TV or amplifier/speakers, for a simultaneous analogue stereo output.

2. Features

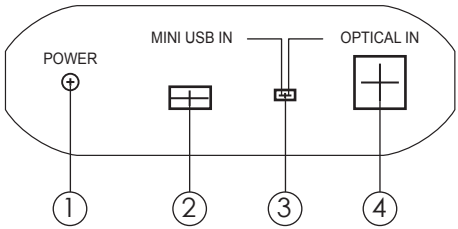
- USB 2.0 full speed compatible.
- USB/Optical Digital Audio Converter (DAC).
- USB audio device class specification v1.0 Compatible.
- Optical sampling rate supports up to 192 kHz, 24 bit.
- USB Audio Support - High performance 16 bit Stereo, 48/44.1 kHz sample rate.
- Low power consumption.
- USB or PSU powered (PSU supplied).
- Simultaneous analogue & optical stereo output.

3. Package Contents

- Audio Box
- Operation Manual

4. Operation Controls and Functions

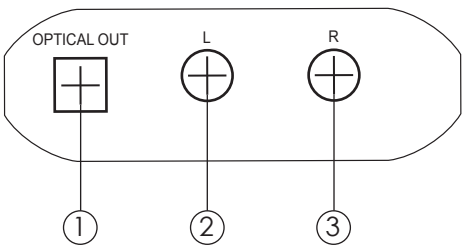
4.1 Front Panel



1. Power LED: The red LED will illuminate when the power is connected with AC wall outlet.

2. LINK: The LED will illuminate in blue when both the source and the display are sync together. This LED will also blink once while the power is turned on.

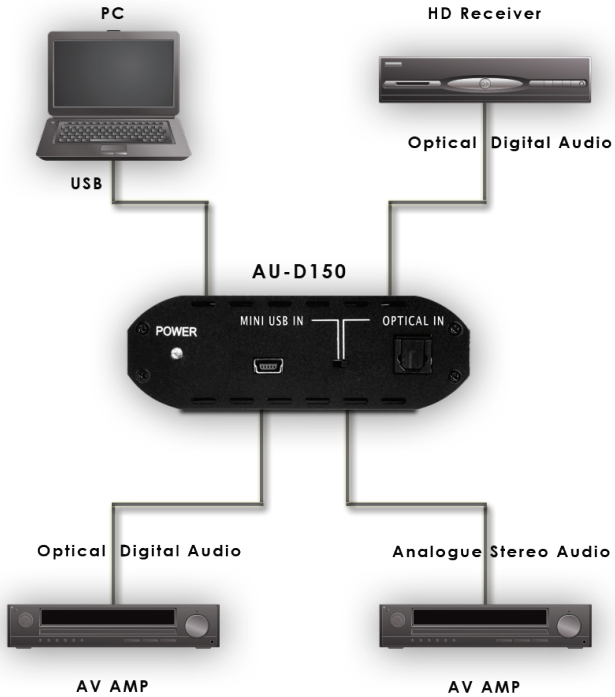
4.2 Rear Panel



1. Audio In Select: This switch allows user to select the audio input from HDMI, Optical or L/R. By switching the dip switch according to the printing from

2. Power Button: Press this button switch ON or set the device to standby mode.

5. Connection Diagram



6. Specifications

Input Ports	1 x Mini USB. 1 x Optical (Toslink)
Output Ports	2 x Analogue Audio L/R (RCA), 1 x Optical (Toslink)
USB Sampling Frequency	48/44.1KHz / 16 bits
Optical Sample Frequency	Up to 192 kHz / 24 bits
Power Supply	5V DC - PSU Supplied or USB Cable powered
Dimensions (mm)	90(W) x 120(D) x 25(H)

ESD Protection	Human body model: ± 8kV (air-gap discharge) ± 6kV (contact discharge)
Weight (g)	300
Chassis Material	Plastic
Colour	Black
Operating Temp.	Operating from 0°C ~ 40°C

Notes:

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