CDB-6HR
HD Audio

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SAFETY PRECAUTIONS

Please read all instructions before attempting to unpack, install or operate this equipment and before connecting the power supply.

Please keep the following in mind as you unpack and install this equipment:

- Always follow basic safety precautions to reduce the risk of fire, electrical shock and injury to persons.

- To prevent fire or shock hazard, do not expose the unit to rain, moisture or install this product near water.

- Never spill liquid of any kind on or into this product.

- Never push an object of any kind into this product through any openings or empty slots in the unit, as you may damage parts inside the unit.

- Do not attach the power supply cabling to building surfaces.

- Use only the supplied power supply unit (PSU). Do not use the PSU if it is damaged.

- Do not allow anything to rest on the power cabling or allow any weight to be placed upon it or any person walk on it.

- To protect the unit from overheating, do not block any vents or openings in the unit housing that provide ventilation and allow for sufficient space for air to circulate around the unit.

REVISION HISTORY

VERSION NO.	DATE (DD/MM/YY)	SUMMARY OF CHANGE
RDV1	16/03/16	Preliminary release

CONTENTS

1. INTRODUCTION

The HD audio is a smart device, the external power is no required. This compact HD audio connects optical to amplifier over USB interface, the audio source in Laptop/PC allowing output to amplifier which provide user have HD audio source entertainment. This HD audio is compact and stylish design and support 2 channel linear PCM. The maximum sampling rate up to 384kHz and 24bits. The USB interface is generic USB2.0. Both of Windows and Mac OSX are compatible.

2. APPLICATIONS

- High-resolution audio playback
- Better audio quality for entertainment enjoyment

3. PACKAGE CONTENTS

- HD Audio
- Driver Disk
- Operation Manual

4. SYSTEM REQUIREMENTS

- Input source equipment such as PC/Laptop via USB output and headphone or earphone
- Apple OSX version 10.6.4 and better natively supports USB Audio Class 2.0 – no driver required
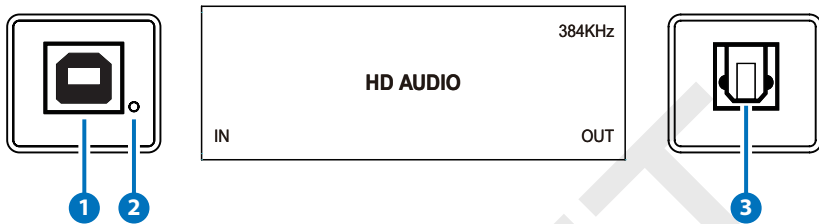- Windows XP, Vista, 7, 8, 8.1, 10 (32 & 64bit)

5. FEATURES

- Convert and output HD audio source in Laptop/PC to amplifier.
- Superior USB audio processor (XMOS U8A) which up to 384K/24bits.
- Superior optical module support up to 384K for high resolution signal.
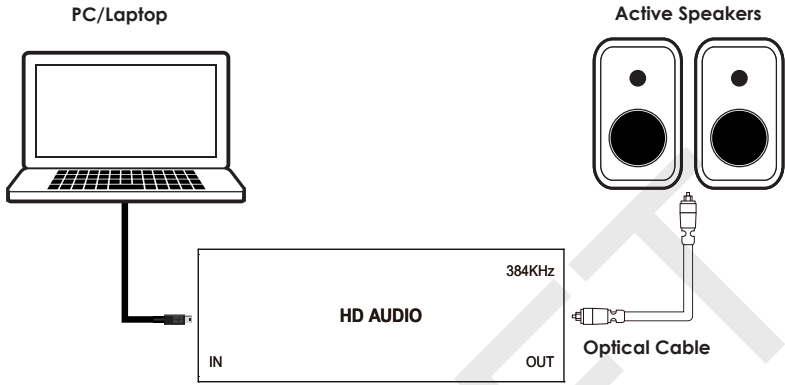- Simple operation and compact design
- No requirement of external power

6. OPERATION CONTROLS AND FUNCTIONS

6.1 Panel Description

1 USB IN: Connect from source equipment such as PC/Laptop (both of Windows and MAC Operating System are compatible) with audio file playable.

2 POWER LED: This LED will illuminate in red when the unit gets power supply from the input USB.

3 Optical OUT: This slot is to connect with 384K optical module for audio sound enjoyment.

7. CONNECTION DIAGRAM

PC/Laptop

Active Speakers

HD AUDIO

384KHz

IN

OUT

Optical Cable

8. SPECIFICATIONS

Input Ports	1 x USB (Type B)
Output Ports	1 x Optical
ESD Protection	Human body model: ±8 kV (air-gap discharge) ±4 kV (contact discharge)
Dimensions	69mm (W) x 25mm (D) x 22.5mm (H)
Weight	48g
Chassis Material	Aluminum
Silkscreen color	Black
Operating Temperature	0˚C~40˚C/32˚F~104˚F
Storage Temperature	−20˚C~60˚C/−4˚F~140˚F
Relative Humidity	20~90% RH (non-condensing)

USB Audio Specification	
USB Audio Class	USB Audio 2.0
Format Support	2CH LPCM : 44.1K, 48K, 88.2K, 96K, 176.4K, 192K, 352.8K, 384K
OS Support	Windows XP, Vista, 7, 8, 8.1, 10 (32 & 64bit) / OSX 10.6.4 above

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