aune®

S6

平衡解码耳放一体机

32Bit /384K DSD128 DAC /Headphone amplifier

使用手册 / Manual

Preface

Dear customers:

Thank very much for purchasing the Aune S6 balanced DAC/Headphone amplifier .
We sincerely hope the brand new S6 will bring you great a hi-fi experience and the
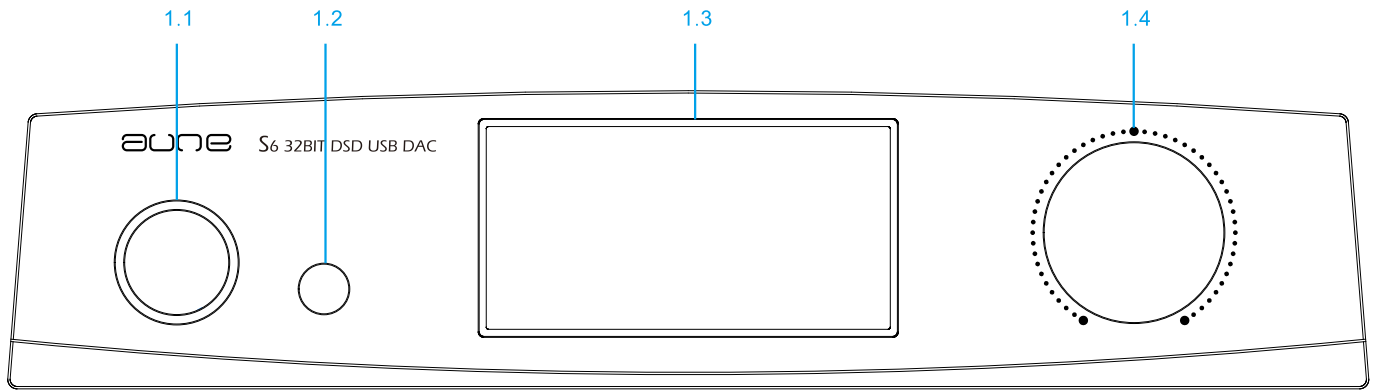enjoyment that comes with it.
Please read this manual carefully to ensure that you know how to properly operate
this device before use.

View of front panel
and name of each part

1.1   1.2   1.3   1.4
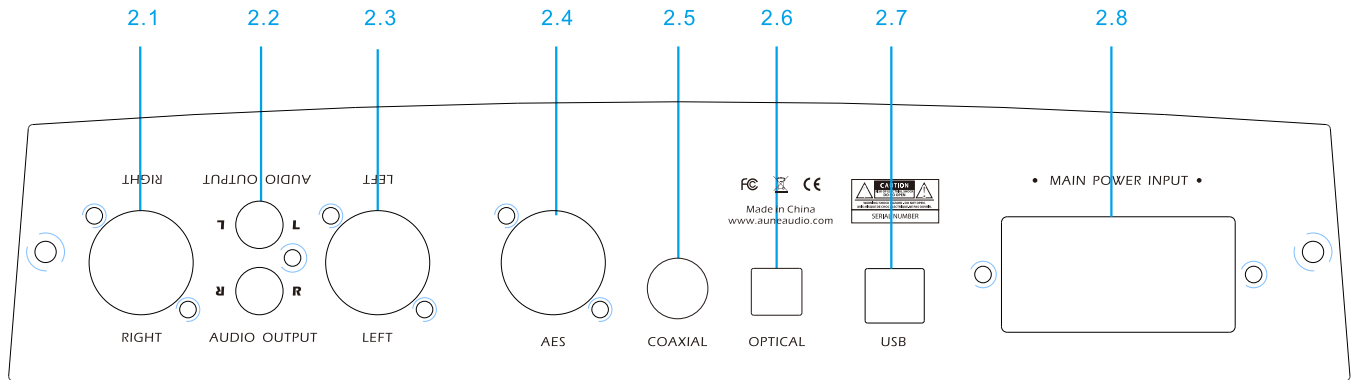
aune   S6 32BIT DSD USB DAC

1.1   Four-core balanced headphone port

1.2   6.5mm headphone amplifier port

1.3   Display screen

1.4   Volume knob/ Multifunction button ❶

Cautions

❶   Click the volume knob to switch input channels, double-click to switch output channels, long press (five seconds) to power on.

View of rear panel
and name of each part

RIGHT   AUDIO OUTPUT   LEFT   RIGHT

L   L

R   R

MAIN POWER INPUT

FC   CE

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CAUTION

SERIAL NUMBER

RIGHT   AUDIO OUTPUT   LEFT   AES   COAXIAL   OPTICAL   USB

2.1	XLR right		2.5	Coaxial port
2.2	RCA port		2.6	Optical port
2.3	XLR left		2.7	USB port
2.4	AES port		2.8	Main power socket/Power switch

Introduction

The S6 is the latest product of the Aune S series. Equipped with both decoding and headphone amplification functions, it adopts a simple and smooth design while consisting of the flagship AKM AK4495 DAC chip. It also features a powerful balanced headphone amplifier - with USB/COAX/OPT/AES digital inputs and XLR/RCA outputs, along with supporting volume control and a direct output mode.

Specifications

Input port: USB/COAX/OPT/AES

Output port: XLR/RCA

Headphone output port: 6.5mm headphone amplifier port , four-core balanced headphone amplifier port

Headphone amplifier matched impedance: 32-600Ω

Headphone output power:

Balanced port: 246mW@300Ω

Unbalanced port : 72mW@300Ω

Input sampling parameters:

USB:

Maximum word length:32Bit   Maximum sampling rate :384K   Maximum DSD rate(DOP) :DSD128

AES/COX/OPT:

Maximum word length:24Bit   Maximum sampling rate:192K

Line out typical value:

XLR/RCA:

Frequency response: ±0.4dB(20 Hz to 20 kHz)   Dynamic range: 116dB   SNR: 115dB

THD+N: 0.0008%@1KHz   Stereo crosstalk: -132dB
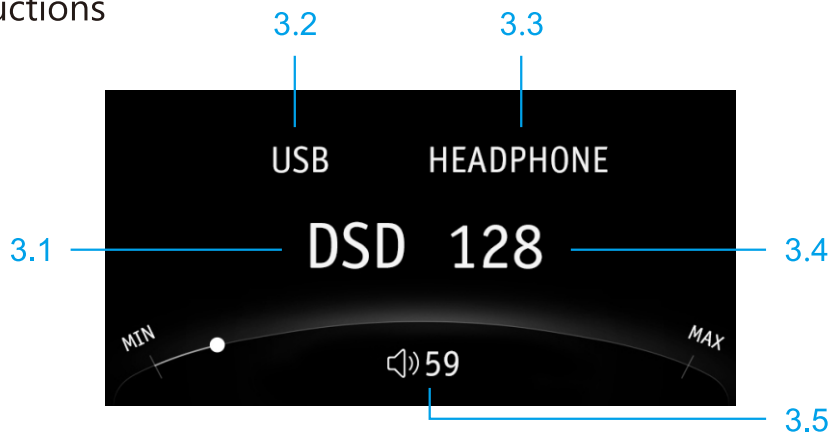
Output amplitude RCA: 2Vrms   XLR:4Vrms

Dimensions: 288*211*63（mm）

Weight: 3kg

Accessories: S6 *1/power supply cable *1 /USB cable*1 / User's manual*1

Play interface
Display instructions

3.2　　　　　3.3

USB　　　HEADPHONE

DSD　128

3.1

3.4

MIN　　●　　　　🔊59　　　MAX

3.5

3.1　Current input format

3.2　Input :USB、AES、COX、OPT ❶

3.3　Output : HEADPHONE、LINE OUT ❷

3.4　Current sampling rate

3.5　Volume

Cautions

❶ Click the volume knob to switch input

❷ Double-click the volume knob to switch output channels. It is direct mode when the volume is 100 at the Line out mode.

Operation introduction

Volume control introduction

The headphone amplifier out and line-out volume controls of the S6 are isolated. You will need to adjust the volume of output according to actual usage.
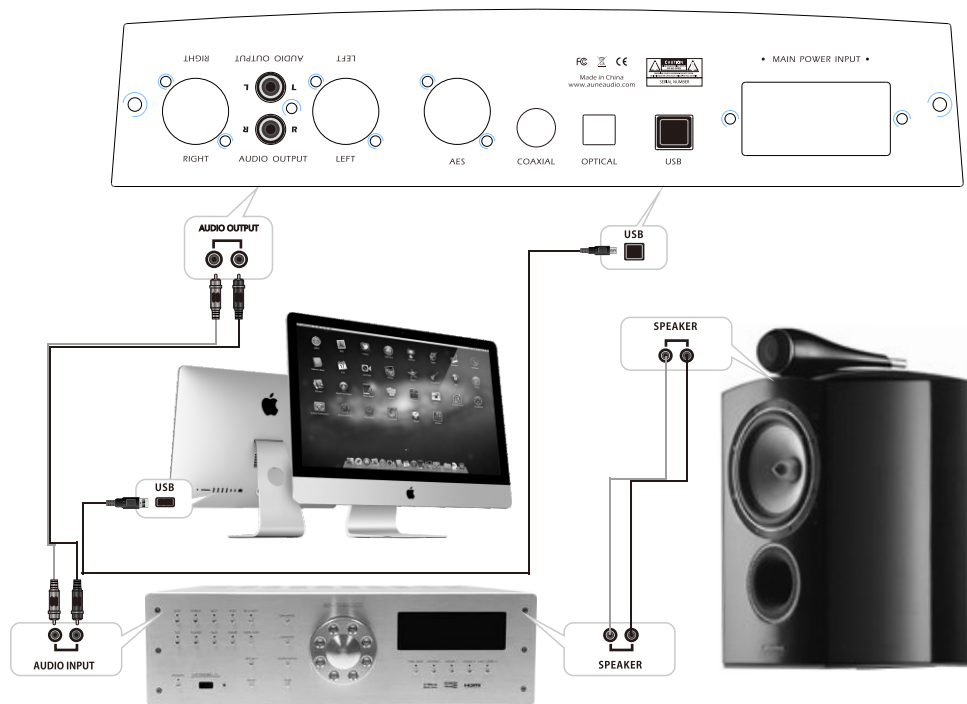
Memory function introduction

Long-press the volume knob to power off. The S6 will remember your last setting (volume, input, output). When you next turn on the S6, it will go straight to the last state-of-play settings. Line-out and headphone amplifier output volume memories are separated.

Output: HEADPHONE、LINE OUT   Volume knob/ Multifunction button

aune   S6 32BIT DSD USB DAC

USB   HEADPHONE

DSD   128

MIN   MAX

◁))59

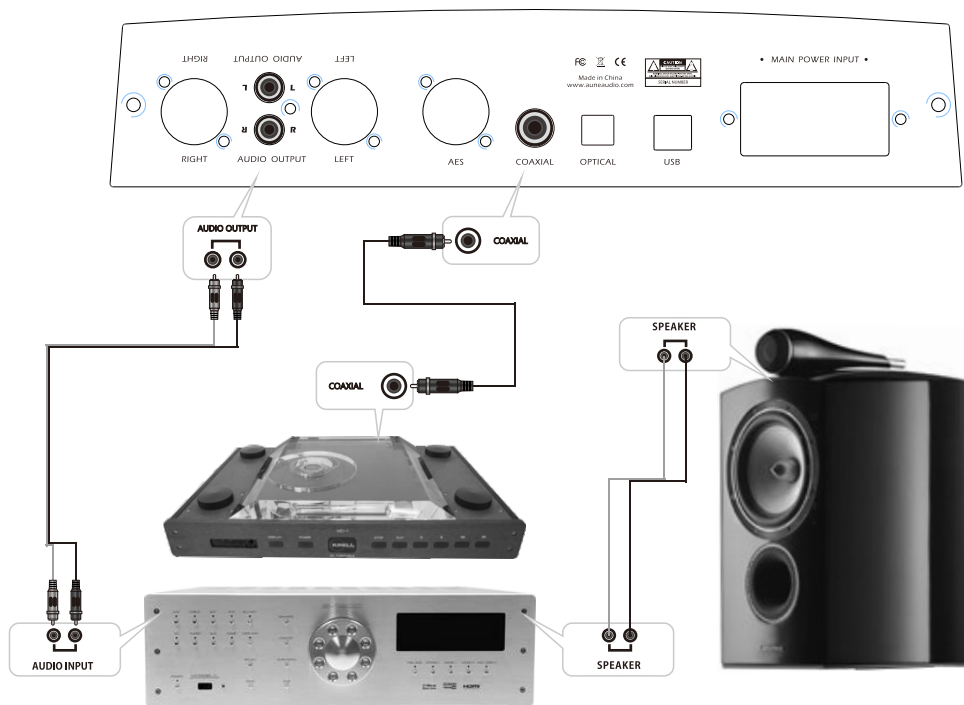# Operation introduction

Application for PC system

Please download the latest version of driver software for the S6 from the service and support page on our website www.auneaudio.com. Firstly, the S6 must be connected to the PC via USB. Then, install the driver program on the PC to play music. Afterwards, connect the analog output of S6 to the analog output of the amplifier. Adjust the S6 to line-out and control the volume. Finally, you can enjoy some wonderful music.

AUDIO OUTPUT RIGHT

RIGHT   AUDIO OUTPUT   LEFT

AES   COAXIAL   OPTICAL   USB

• MAIN POWER INPUT •

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AUDIO OUTPUT

USB

SPEAKER

USB

AUDIO INPUT

SPEAKER

Operation introduction

Headphone application for turntable

Please use digital coaxial, AES or optical cable to connect the digital turntable to the S6 to play music with it. Afterwards, connect the analog output of S6 to the analog output of the amplifier. Adjust the S6 to line-out and control the volume. Finally, you can enjoy some wonderful music.
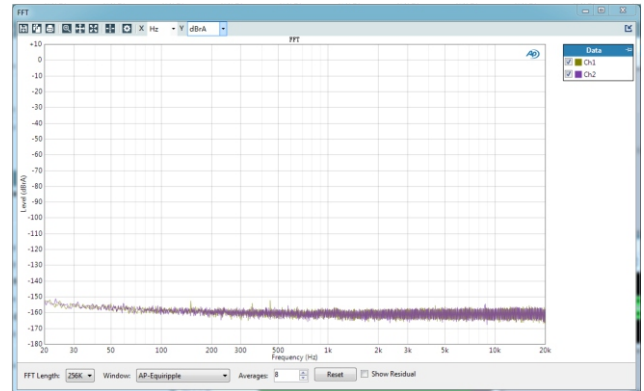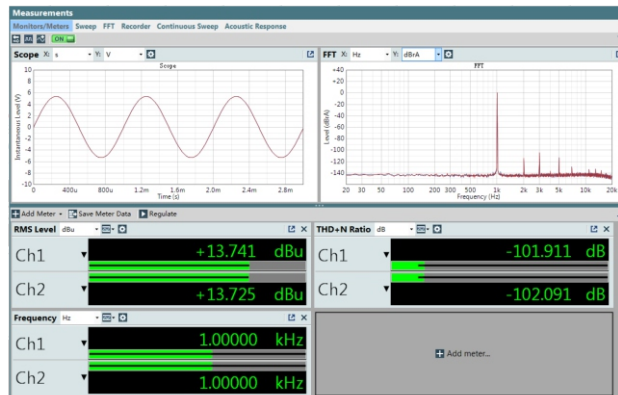
Operation introduction

Decoding and headphone amplifier functions

Please download the latest version of driver software for the S6 from the service and support page on our website www.auneaudio.com. Firstly, the S6 must be connected to the PC via USB. Then, install the driver program on the PC to play music. Afterwards, connect the analog output of S6 to the analog output of the amplifier. Adjust the S6 to line-out and control the volume. Finally, you can enjoy some wonderful music.

Test curve

WARNING MESSAGES

● Use exclusively recommended accessories to prevent faults, short circuits or electric shock.
● Do not expose the unit to moisture or rain.
● Do not attempt to remove parts of the body (covers); specialist repairs can be carried out only at autho rized service centers

LEGAL NOTES

● Please ensure that you observe copyright laws. The recording and publication of prerecorded media such as tapes, CDs or other published or broadcast material may contravene copyright laws.
● This also applies to all of the software supplied.
● Other names, company or product names referred to in this manual are trademarks or registered trademarks of the relevant companies.

DISPOSAL ELECTRONIC EQUIPMENT

（Applies within the eU, and for other european countries with separated waste collection systems)

This device contains electronic components and therefore may not be disposed of as general household waste. Instead it should be disposed of at a recycling collection point provided by the local authority. This costs you nothing. You local authority or waste disposal authority, or the shop where you bought this device, can provide you with further information on this issue.

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