

aune

S9C Pro

DAC with Headphone Amp with Clock Input

User Manual

Preface

Dear Customer,

Thanks for purchasing the aune S9c Pro and congratulations on choosing this high-quality DAC with headphone amplifier.

We sincerely hope the S9c Pro will bring you excellent Hi-Fi experience.

Please read this manual carefully before using the device.

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Front Panel at a Glance



①

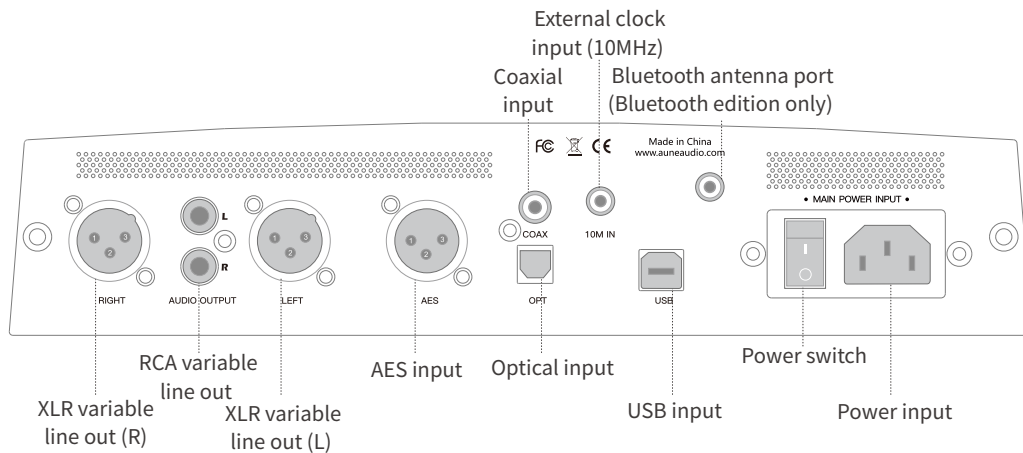
Multi-Function Knob

1. Rotate: adjust volume
2. Single press: change input
3. Double press: change output

4. Press and hold: change filter mode:

- Mode 1: standard mode
- Mode 2: pure mode

Rear Panel at a Glance



Introduction

The S9c Pro, as aune's new generation of DAC with headphone amp that took 2 years to develop, has the features of full clock synchronization, the 2nd gen of ultra-low-jitter PLL core, the 10M clock input, the specially designed filter modes with our own algorithm, Dual-ES9068A, and the fully-discrete headphone amp whose output power is as high as 5W. It stands out in every way.

Specifications

Input:

USB: 32bit/768k DSD512 (MAX)

Coaxial/AES/Optical: 24bit/192k(MAX)

BT(Bluetooth Edition Only): 24bit/96k (MAX)

Line Out :

THD+N: 0.00022%@XLR,0.00029%@RCA

Noise floor:2.04uV@RCA, 4.07uV@XLR

Dynamic range: 122dB

Frequency response(20Hz~20kHz): $\pm 0.2\text{dB}$

XLR Out: 2.2Vrms (Single-ended), 4.9Vrms (Balanced)

Headphone Out:

Noise floor:7.71uV

THD+N:0.00058% (1.78Vrms /1KHz OdB)

32Ω Single-ended 1460mW Balanced 5500mW

100Ω Single-ended 500mW Balanced 2000mW

300Ω Single-ended 168mW Balanced 672mW

600Ω Single-ended 84mW Balanced 336mW

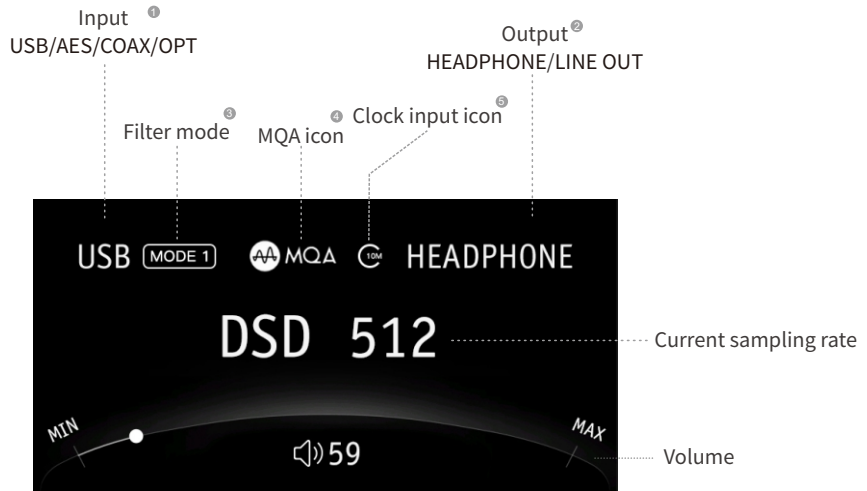
Dimensions: 288*211*63 (mm)

Weight: 5kg

Accessories: Power cord, 6.35 to 3.5 adapter, USB cable, quick start guide,

Bluetooth antenna (Bluetooth edition only)

Display



- ① Single press on the knob: change input
- ② Double press on the knob: change output
- ③ Long press on the knob: change filter mode
- ④ In the mode of USB input, play MQA, and the icon will show
- ⑤ When an external clock is connected, the icon will show

Operations

About Volume

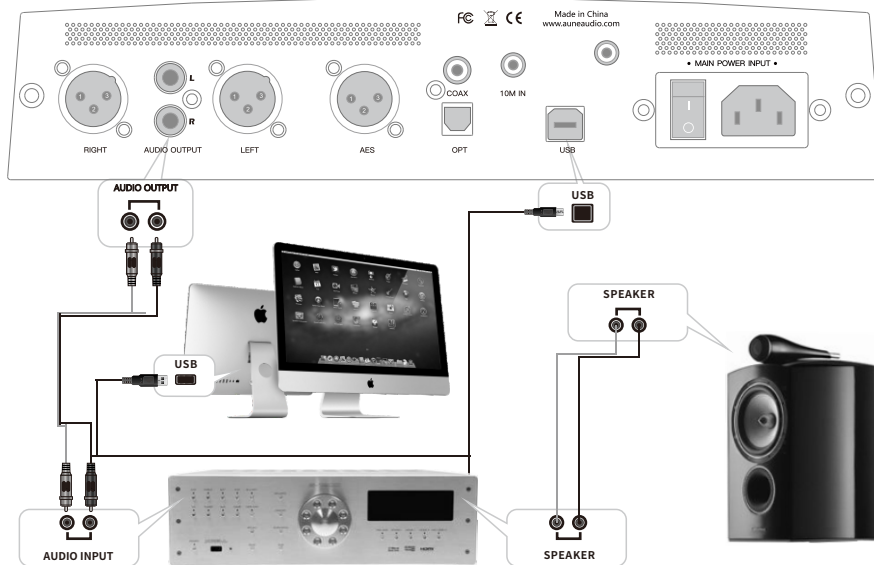
The volume levels of the headphone out and the line out (variable) are separated. Please adjust the volume of each respectively.



Operations

As a Standalone USB DAC

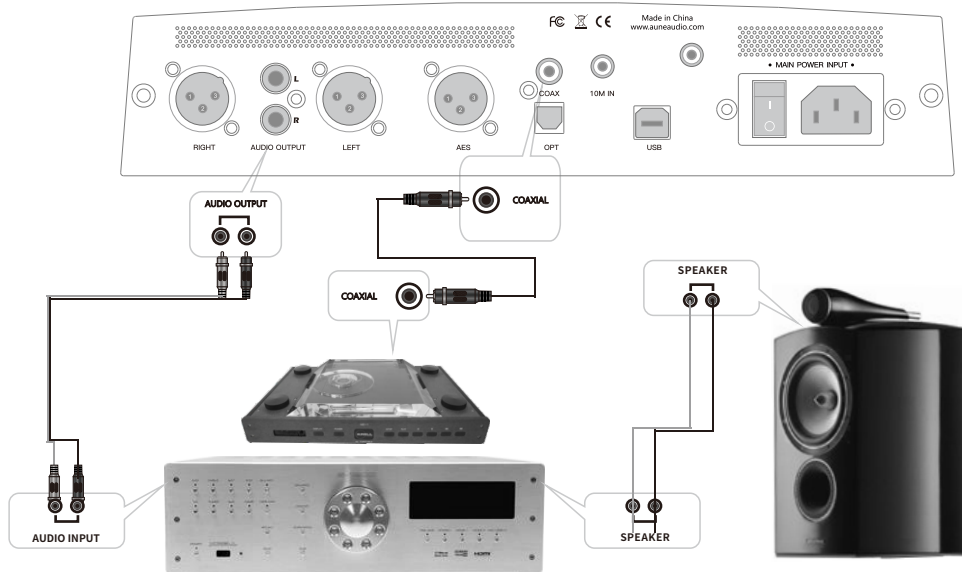
1. Download the custom USB driver here:
<http://en.auneaudio.com/index.php?s=/Home/Article/lists/category/72.html> Install the driver
2. Use a USB cable to connect the S9c Pro to a computer
3. S9c Pro LINE OUT → with a pair of RCA/XLR cables → amplifier/active speakers LINE IN
4. Set output of the S9c Pro to LINE OUT
5. Play music and adjust volume on the S9c Pro or on the amplifier/active speakers



Operations

To Pair with a Digital Transport/Player

1. Digital transport/player COAX/AES/OPT OUTPUT → with a corresponding cable → S9c Pro COAX/AES/OPT INPUT
2. S9c Pro RCA/XLR LINE OUT → with a pair of corresponding cables → amplifier/active speakers RCA/XLR LINE IN
3. Set output of the S9c Pro to LINE OUT
4. Play music and adjust volume on the S9c Pro or on the amplifier/active speakers



Operations

As a DAC with Headphone Amp

For input please refer to the previous two pages.

Output:

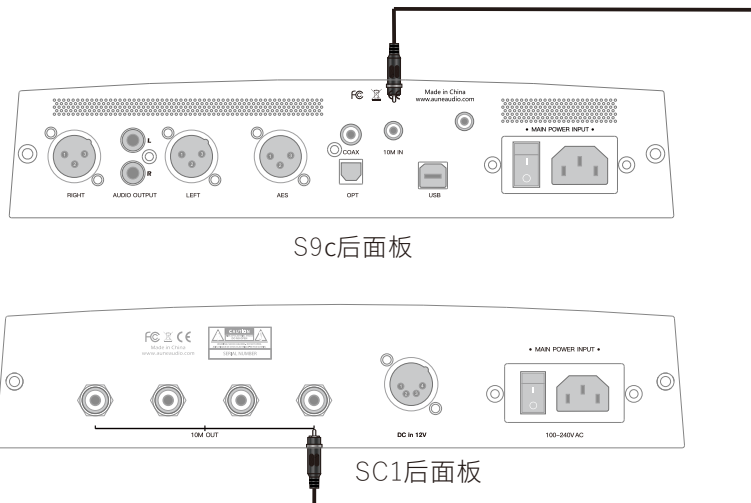
1. Plug a pair of headphones into the corresponding headphone jack (6.35/4.4/XLR)
 2. Set output of the S9c Pro to HEADPHONE OUT
 3. Play music and adjust volume on the S9c Pro
- (Please set volume to a low level before putting on the headphones)



Operations

External Clock Input

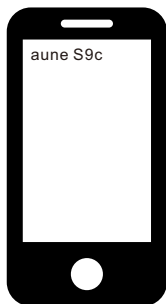
1. Use a BNC clock cable to connect a 10M external clock (e.g. aune SC1) to the S9c Pro
2. Wait until the SC1 warm-up finishes
3. SC1 warmed up, and the clock icon will show on the S9c Pro screen
4. Refer to the previous pages for music playback



Operations

Bluetooth (Bluetooth Edition Only)

1. Turn on Bluetooth on the smartphone/computer/player, search for “aune S9c”, connect
2. Change input to Bluetooth on the S9c Pro, and the “BT” icon will show on the screen
3. Connect active speakers/amplifier/headphones to the S9c Pro, and double press the knob to change output
4. Play music from the connected smartphone/computer/player and adjust volume on the S9c Pro
(Please set volume to a low level before putting on the headphones)



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