



# aune S9c Pro DAC with Headphone Amp with Clock Input User Manual

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## aune S9c Pro DAC with Headphone Amp with Clock Input



## 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.

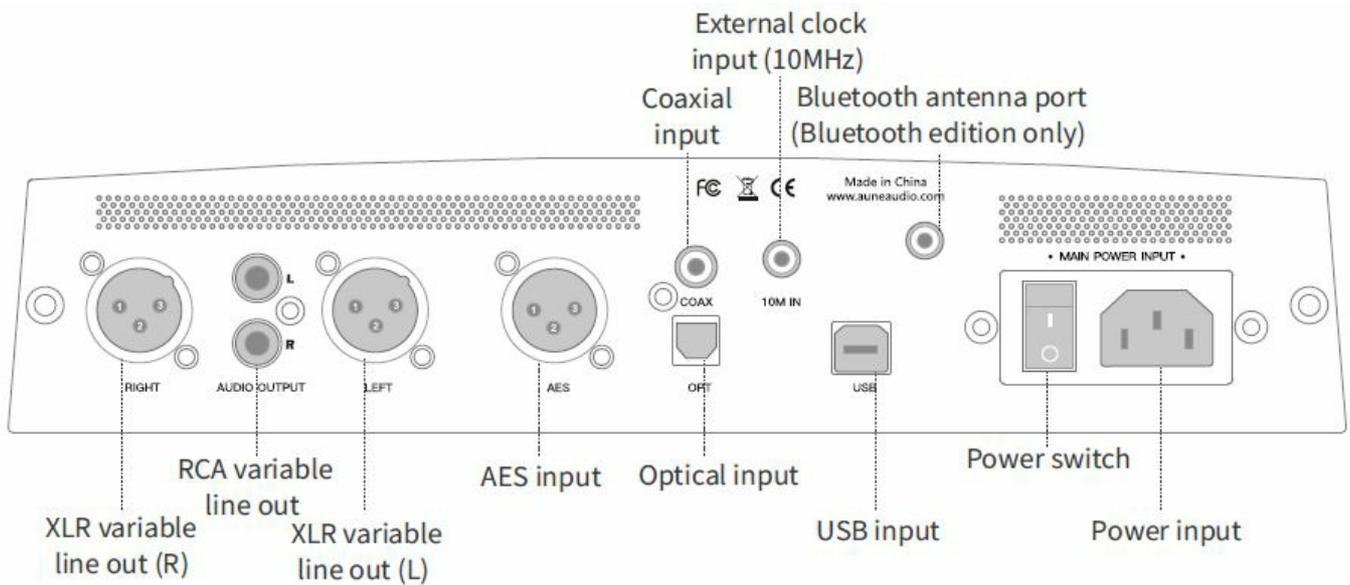
## Front Panel at a Glance



## Multi-Function Knob

1. **Rotate:** adjust volume
2. **Single press:** change input
3. **Double press:** change output
4. **Press and hold:** change tuning 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 tuning modes with our own algorithm, Dual-ES9068, 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

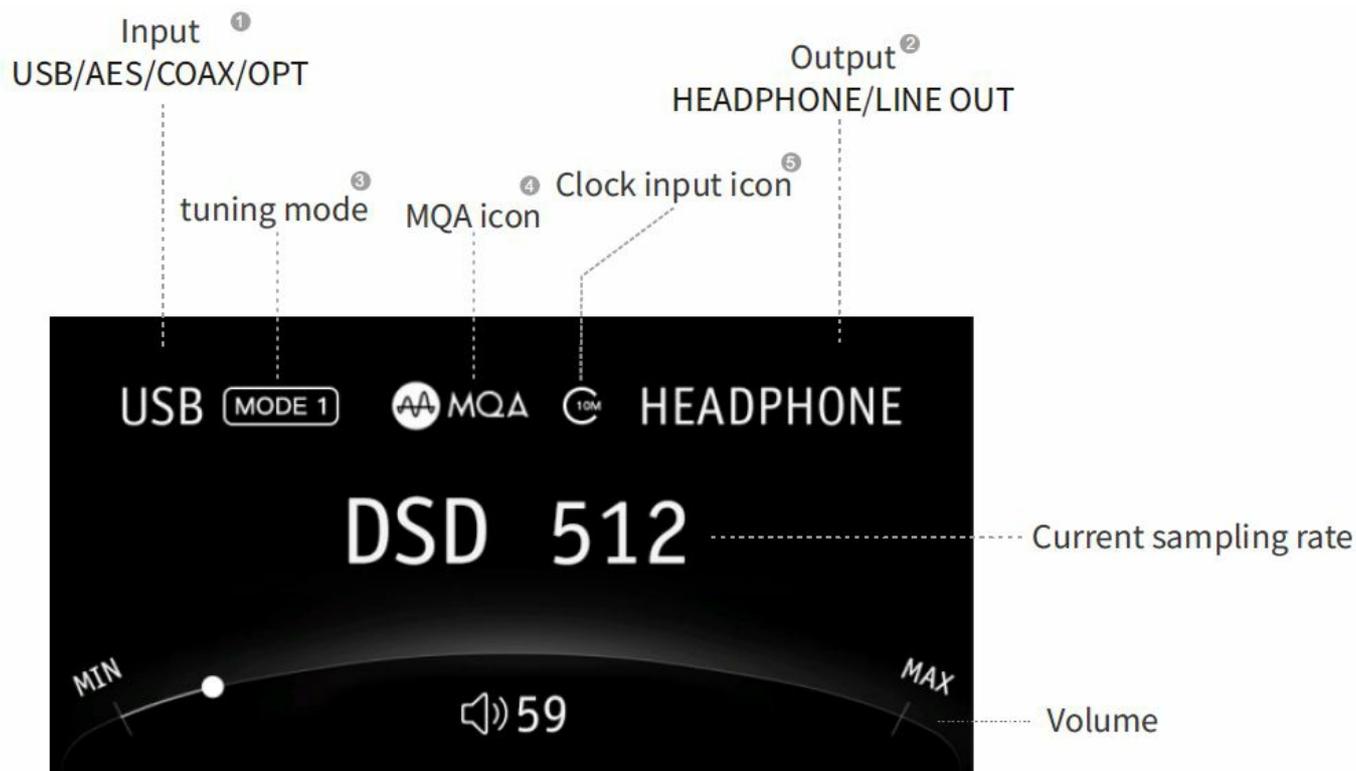
- **THD+N:** 0.00022%@XLR,0.00029%@RCA
- **Noise floor** 2.04uV@RCA 4.07uV@XLR
- **Dynamic range:** 122dB
- **Frequency response(20Hz~20kHz):** ±0.2dB
- **XLR Out:** 2.2Vrms (Single-ended), 4.9Vrms (Balanced)

### 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 tuning 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

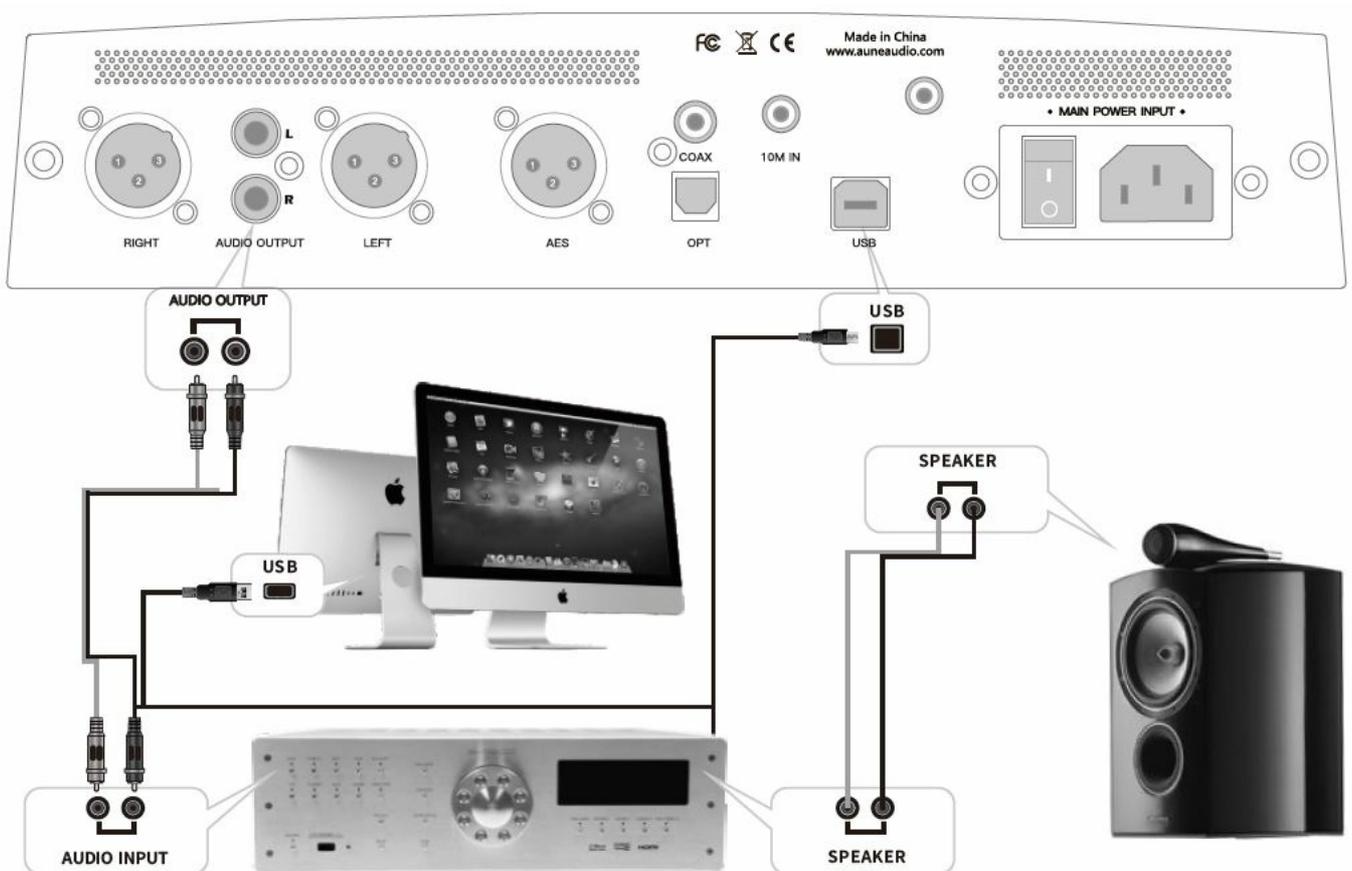
## Operations

### About Volume

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

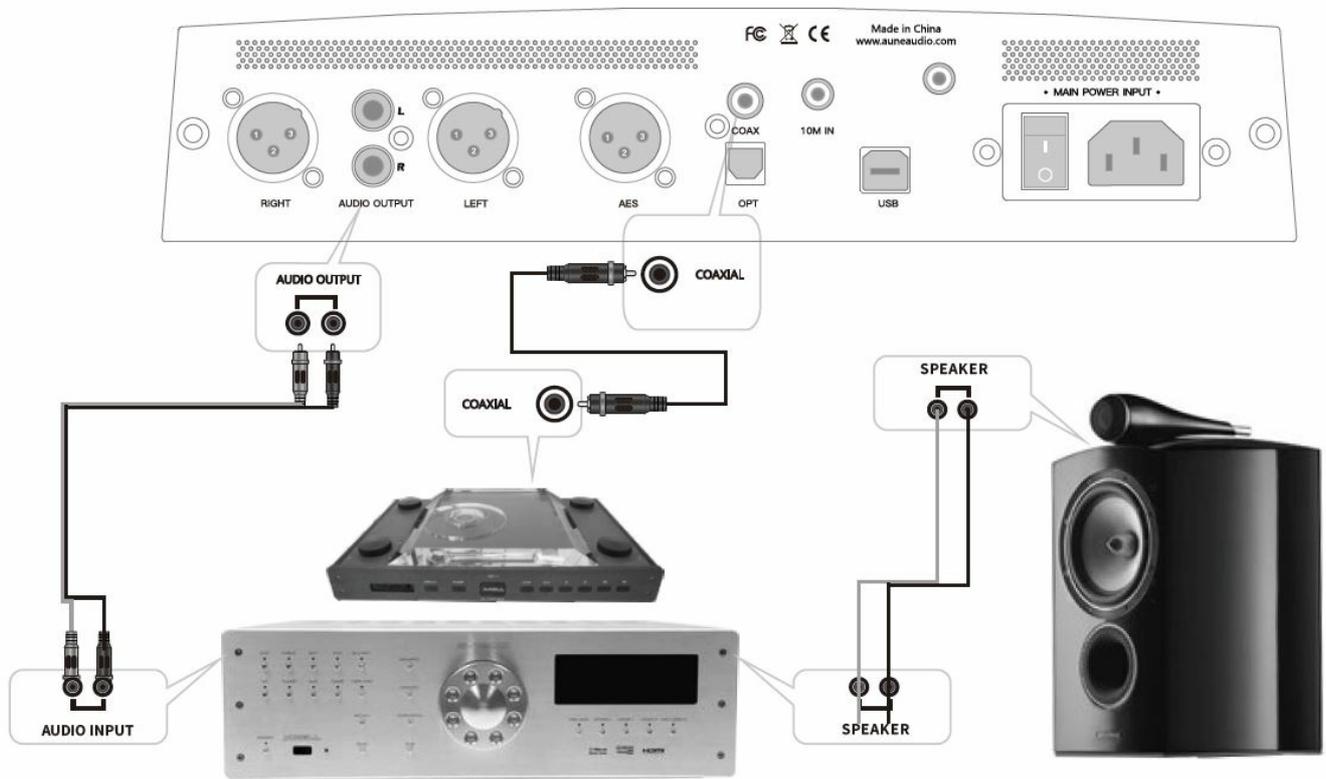


### As a Standalone USB DAC



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.

### 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

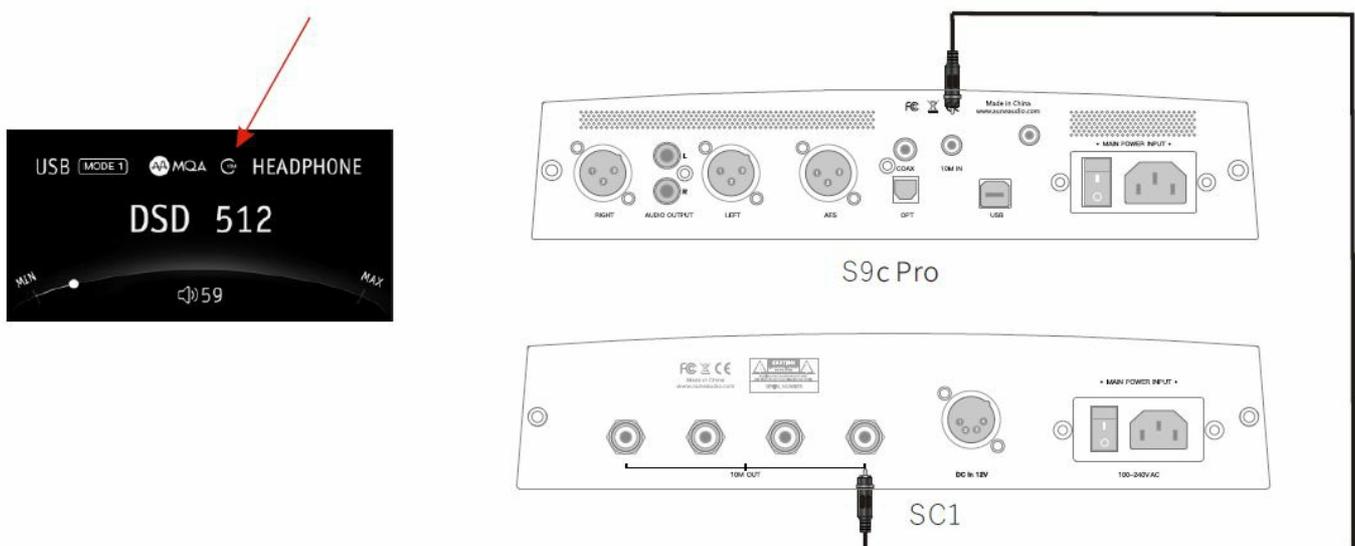
### **As a DAC with Headphone Amp**

For input please refer to the previous two pages. Output:



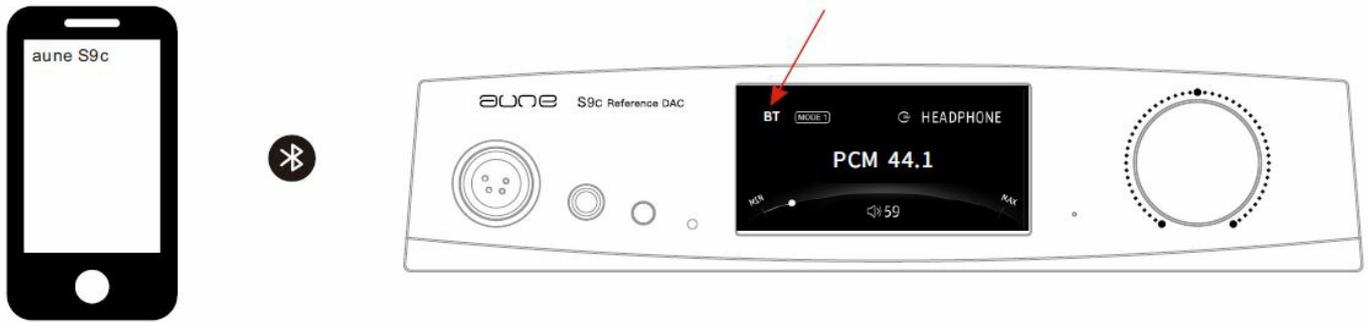
1. Plug a pair of headphones into the corresponding headphone jack (6.35/4.4/XLR)
2. Set output of the S9c Pro to HEADPHONE OUT
3. Play music and adjust volume on the S9c Pro (Please set volume to a low level before putting on the headphones)

### 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

## 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)

### aune

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### Documents / Resources

	<a href="#">aune S9c Pro DAC with Headphone Amp with Clock Input</a> [pdf] User Manual S9c Pro DAC with Headphone Amp with Clock Input, S9c Pro, DAC with Headphone Amp with Clock Input, DAC, Headphone Amp, Amp
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### References

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