



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.

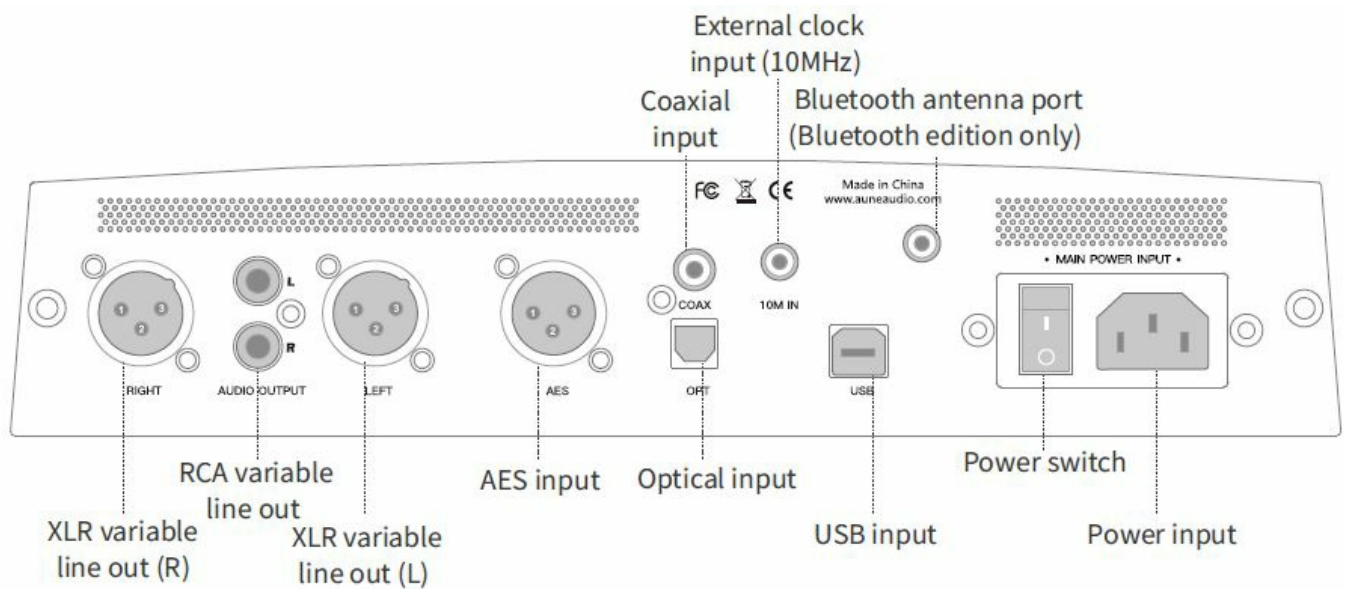
Front Panel at a Glance



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

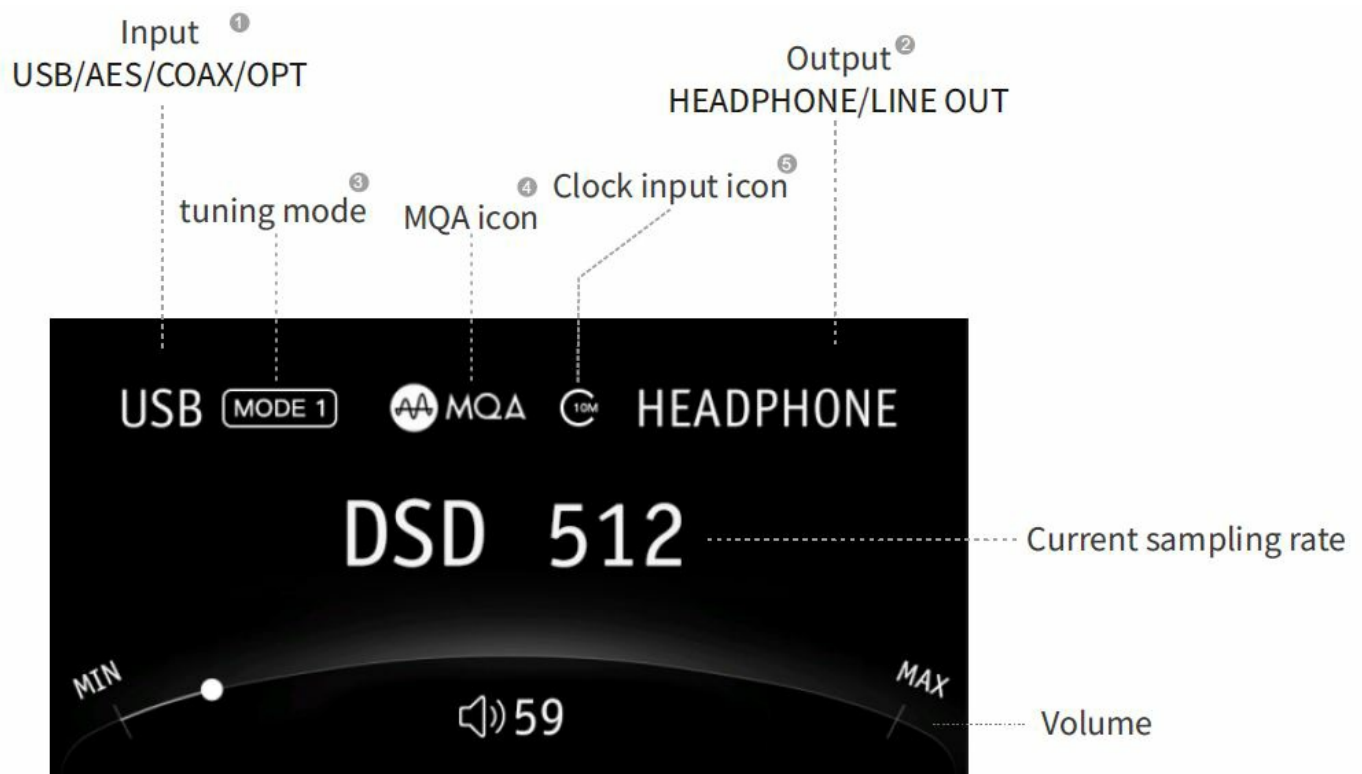
- **THD+N:** 0.00022%@XLR,0.00029%@RCA
- **Noise floor** 2.04uV@RCA 4.07uV@XLR
- **Dynamic range:** 122dB
- **Frequency response(20Hz~20kHz):** ± 0.2 dB
- **XLR Out:** 2.2Vrms (Single-ended), 4.9Vrms (Balanced)

Headphone Out

- **Noise floor** 7.71uV
- **THD+N** 0.00058% (1.78Vrms /1KHz OdB)
- 32 Ω Single-ended 1460mW Balanced 5500mW
- 100 Ω Single-ended 500mW Balanced 2000mW
- 300 Ω Single-ended 168mW Balanced 672mW
- 600 Ω 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

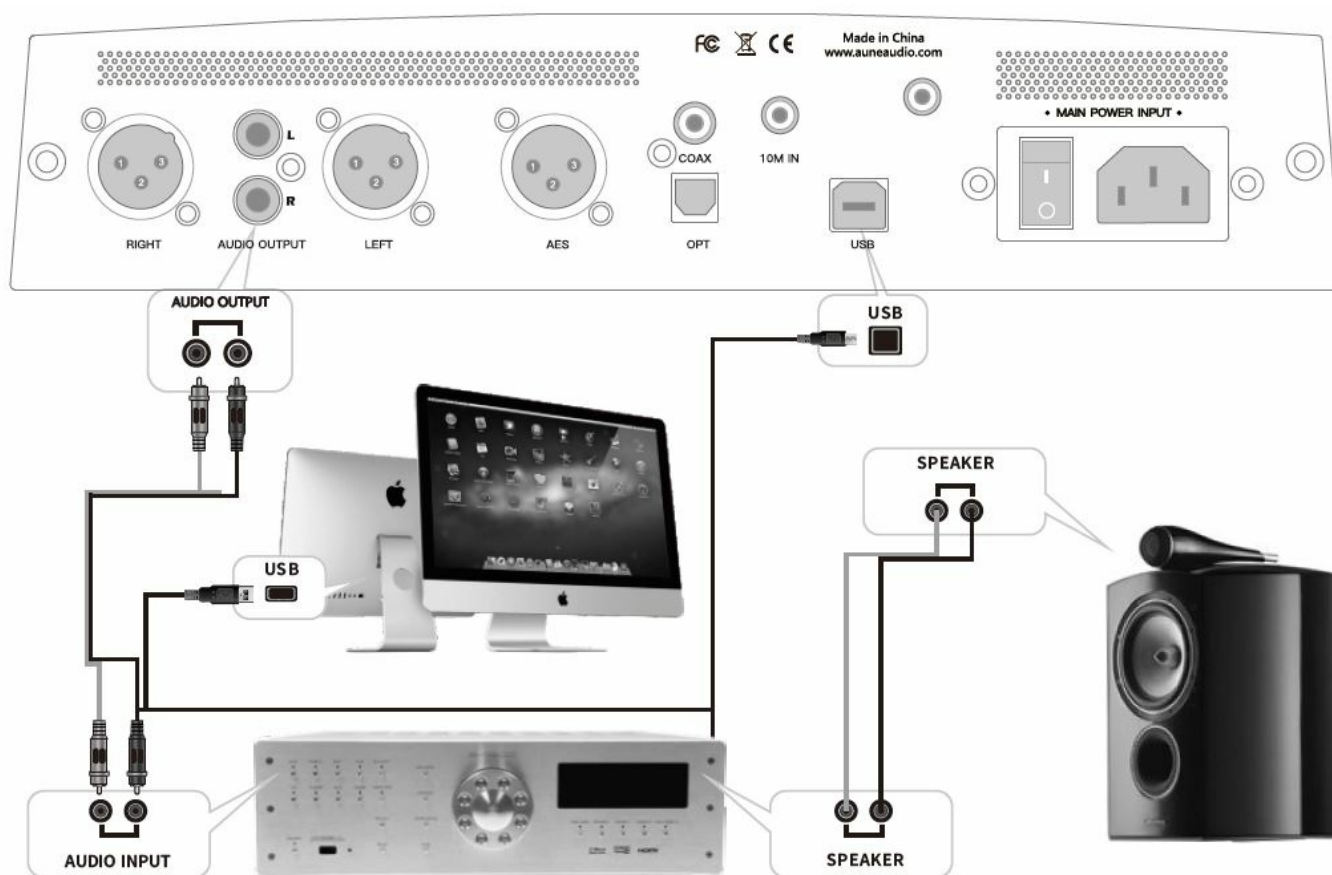
Operations

About Volume

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

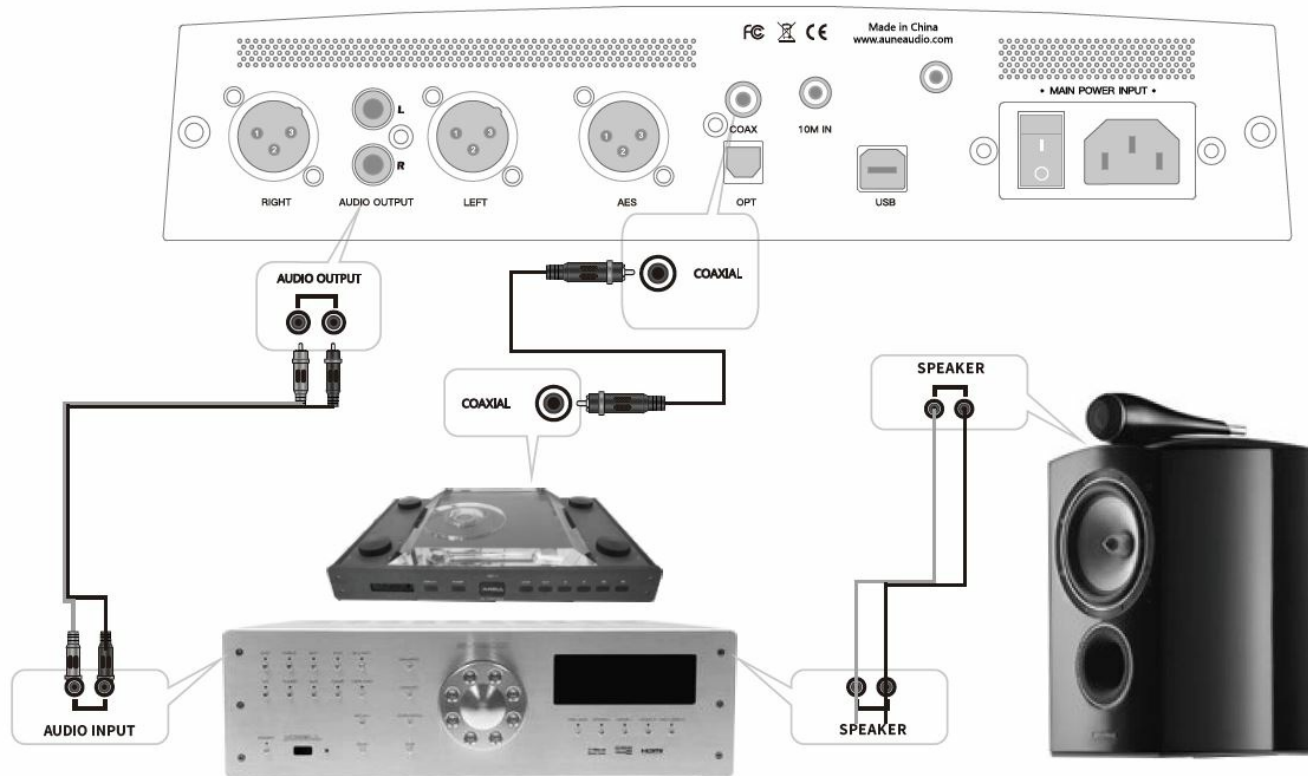


As a Standalone USB DAC



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 Transpot/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

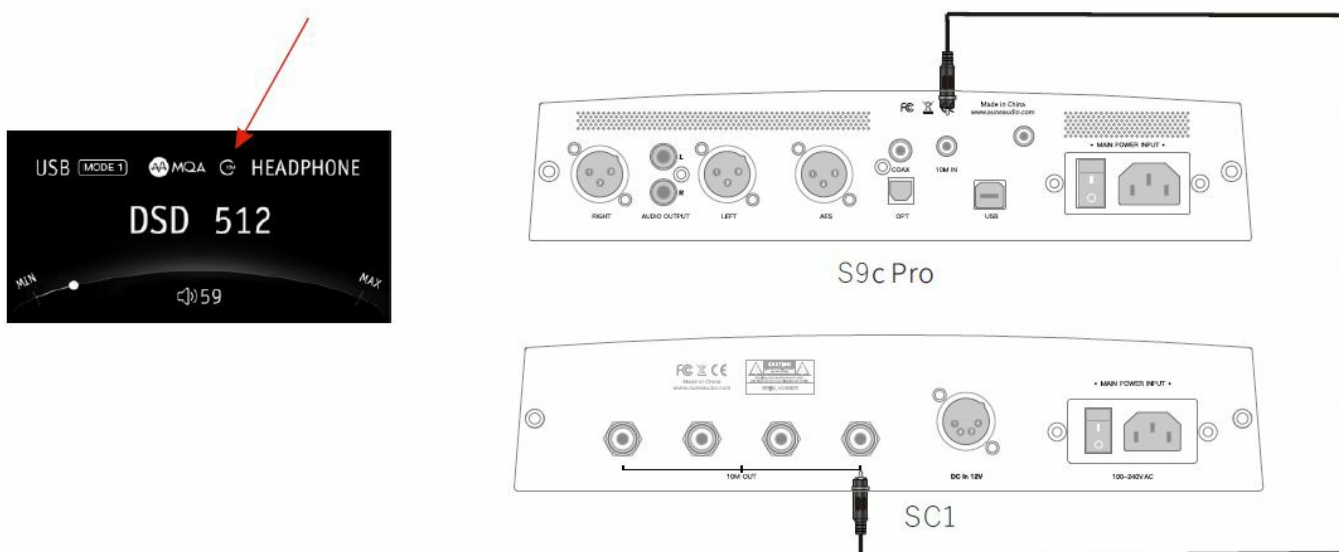
As a DAC with Headphone Amp

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)


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Documents / Resources

	aune S9c Pro DAC with Headphone Amp with Clock Input [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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