aune

SC1 EVO Audio Clock

User Manual

Preface

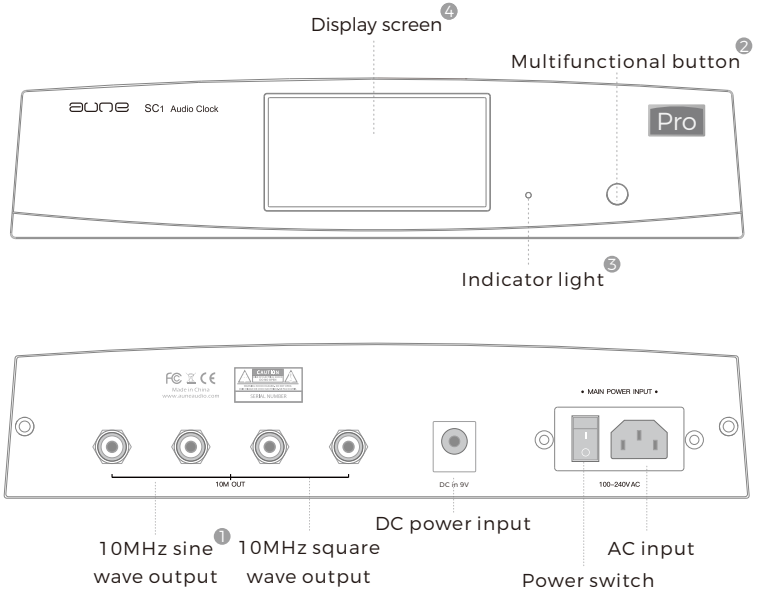
Dear Customers:

Thanks for purchasing the aune SC1 EVO and congratulations on choosing this high-quality audio clock.

We sincerely hope the SC1 EVO will bring you excellent Hi-Fi experience.

Please read this manual carefully before using the device.

SC1 EVO at a Glance



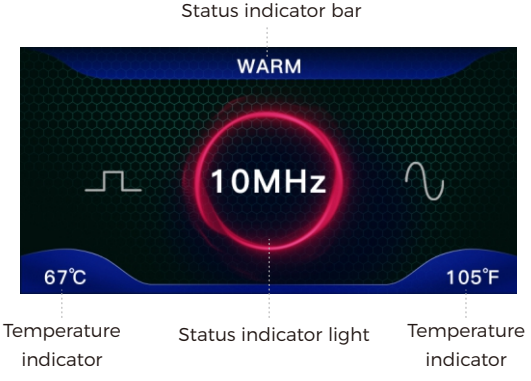
1. The 4 clock outputs can work simultaneously.

2. Multifunctional button:
   Short press: Clock output switch
   Long press: Screen off/Screen on

3. Indicator light:
   Lights up when the screen is off; turns off when the screen is on.

Display

❹ Display screen





Status indicator bar + Status indicator light

1. After powering on, the status indicator bar shows "WARM", and the status indicator light is red. At this point, the clock is warming up, and there's no output.
2. After 10 minutes, the status indicator light changes to yellow, indicating the basic warm-up is complete and the clock begins to output. The status indicator bar shows the current accumulated working time.
3. After 1 hour, the status indicator light changes to green, indicating the warm-up is complete.
4. After pressing and holding the multifunctional button, the status indicator bar shows the screen off countdown. The screen will turn off after 10 seconds.

Introduction

The SC1 EVO is a high-stability, low-jitter digital audio clock designed to provide high-quality reference clock signals for digital audio equipment. The four 10MHz outputs (sine wave*2, square wave*2) can work simultaneously.

Misc

Enclosure material: premium machined and anodized aluminum

DC supply: 9V 2A

Power: ＜20W

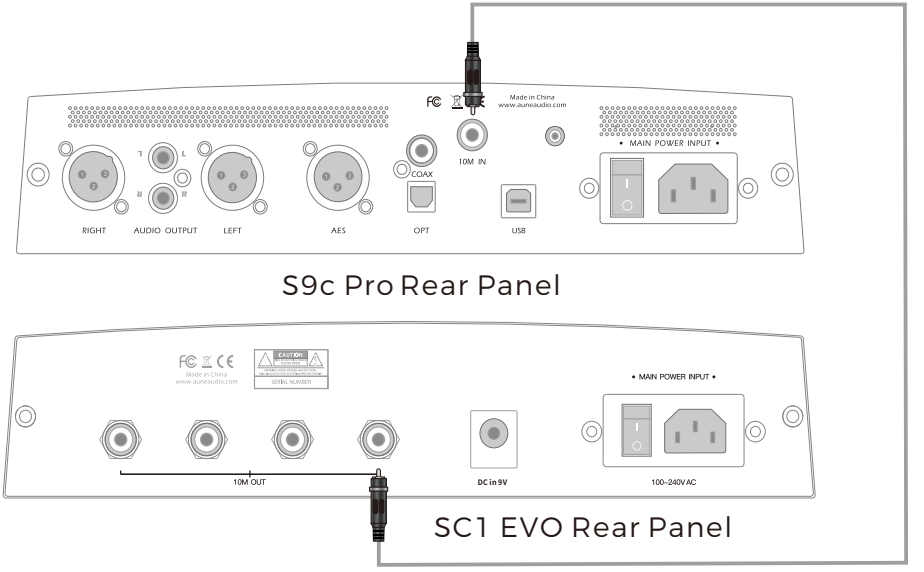
Specifications

Output Frequency	10MHz*4
Frequency Accuracy	±50ppb
Frequency Stability	<0.01ppb
Output Amplitude	Square wave⩾9dBm
	Sine wave⩾5dBm
Output Waveform	2*Square wave/ 2*Sine wave
Output Impedance	50Ω
Close-in Phase Noise @1Hz (TYP)	-100dBc
Short-term Stability (Allan Variance) (TYP)	2E-12
Warm-up Time	Basic warm-up: 10min
Ambient Temperature	0˚C-50˚C
Recommended Environment	15˚C-35˚C
Dimensions	288W*211D*63H(mm)
Weight	2kg

Operations

Clock Output

Use a BNC cable (50Ω or 75Ω) to connect the S9c Pro and the SC1 EVO. Enable clock input on the S9c Pro.



aune

aune | 430034 WUHAN | CHINA
Email: sales@auneaudio.com | Fax:+86-27-85840435 | www.auneaudio.com