

## 1,Introduction

XQ-50 Pro 2 is a HIFI Bluetooth audio receiver converter which adopts Qualcomm's QCC5125 Bluetooth receiver chip, it support the Bluetooth 5.1, supports receive SBC,AAC, aptX, aptX\_LL, aptX\_HD, LDAC signal. It adopts the high performance CS8406 digital audio converter chip to transform the Bluetooth signal into high quality optical fiber/coaxial signal and output it, which provides the high-definition sound source for digital decoder. The device also contains the RCA analog circuit output function. The high performance ES9018K2M DAC is used internally as the decoder chip to transform the Bluetooth signal into analog signal and then provide it to power amplifier loudspeaker or Bluetooth speaker which can immediately change the power amplifier loudspeaker or speaker into wireless power amplifier loudspeaker or Bluetooth speaker.

## 2,Features

- ◆ 1.3 inch HD OLED screen;
- ◆ Built-in Qualcomm's QCC5125 bluetooth chip, support bluetooth 5.1;
- ◆ It supports SBC,AAC, aptX, aptX\_LL, aptX\_HD, LDAC signal;
- ◆ Adopt high performance CS8406 digital conversion chip;
- ◆ Adopt the high performance ES9018K2M DAC chip;
- ◆ Support PC USB DAC, and can be used immediately after it is plugged;
- ◆ High quality optical and coaxial digital output;
- ◆ High quality RCA line output;
- ◆ Compatible with Android and ios devices;
- ◆ The external high-gain Bluetooth antenna is used to ensure the lossless and stable signal transmission.

## 3,Operation

### 1. Power / combination key

- 1) Power on / off: long press 3 seconds to turn on, and long press 3 seconds to turn off
- 2) Pairing: It will automatically enter the pairing state after power on. At this time, you can

find the unit (Bluetooth name: XQ-50 Pro 2) via mobile phone Bluetooth and connect it; if the unit is not found or cannot be connected, double-click this button force to the pairing mode

3) Playback control: When playing, you can press this key to play / pause song.

2.Display: Show the Bluetooth status, format / sampling rate, song's name.

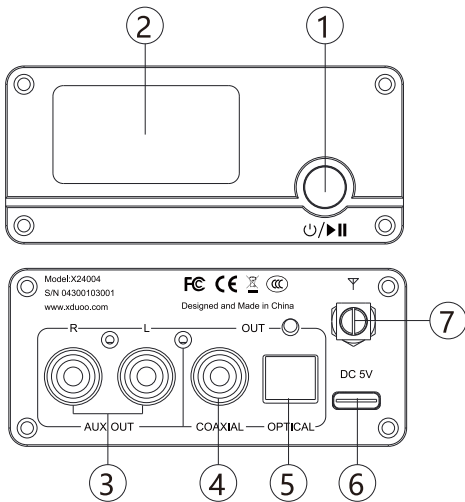
3.AUX OUT

4.Coaxial Output

5.Optical Output

6. Power/USB IN

1) Power in: TYPE\_C interface, power supply specification: 5V / 1A (or above). When the machine crashes unexpectedly, unplug the power and then reconnect it;



2) USB IN: It can be used as a USB DAC when connected to the USB port of the computer, no need to install driver.

7. Bluetooth antenna: get the Bluetooth antenna from the accessory box and screw it.

## **4,Parameters**

Bluetooth version: 5.1

Supported Audio Format: SBC、 AAC、 aptX、 aptX\_LL、 aptX\_HD、 LDAC

Communication Range : about 10 meters

THD+N:

Optical Output: 0.00087%

Coaxial Output: 0.00087%

AUX OUT: 0.07%

Output Level:

Optical Output: 0.5Vp-p

Coaxial Output: 0.5Vp-p

AUX OUT: 2V

DC IN: 5V/1A

## **5,Accessories**

TYPE-C cable\*1, Bluetooth antenna\*1, Manual\*1, Warranty Card\*1.

