Sinilink XY-E30H 2.1 Channel Bluetooth audio power amplifier module Bass 15W*2+30W

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1.Volume knob design

2.Introduction of keys and main functions

Introduction of buttons and main functions

DC 9-24V power supply

Subwoofer volume

Master volume adjustment

Short press to play/pause
Long press on/off

Adopt the rotary encoder used by high-end audio, 360-degree stepless adjustment

Connect the subwoofer

Left and right channel volume

+ −
SPKR − +
SPKL

AUX audio input

Left and right channels connected to passive speakers (speakers)
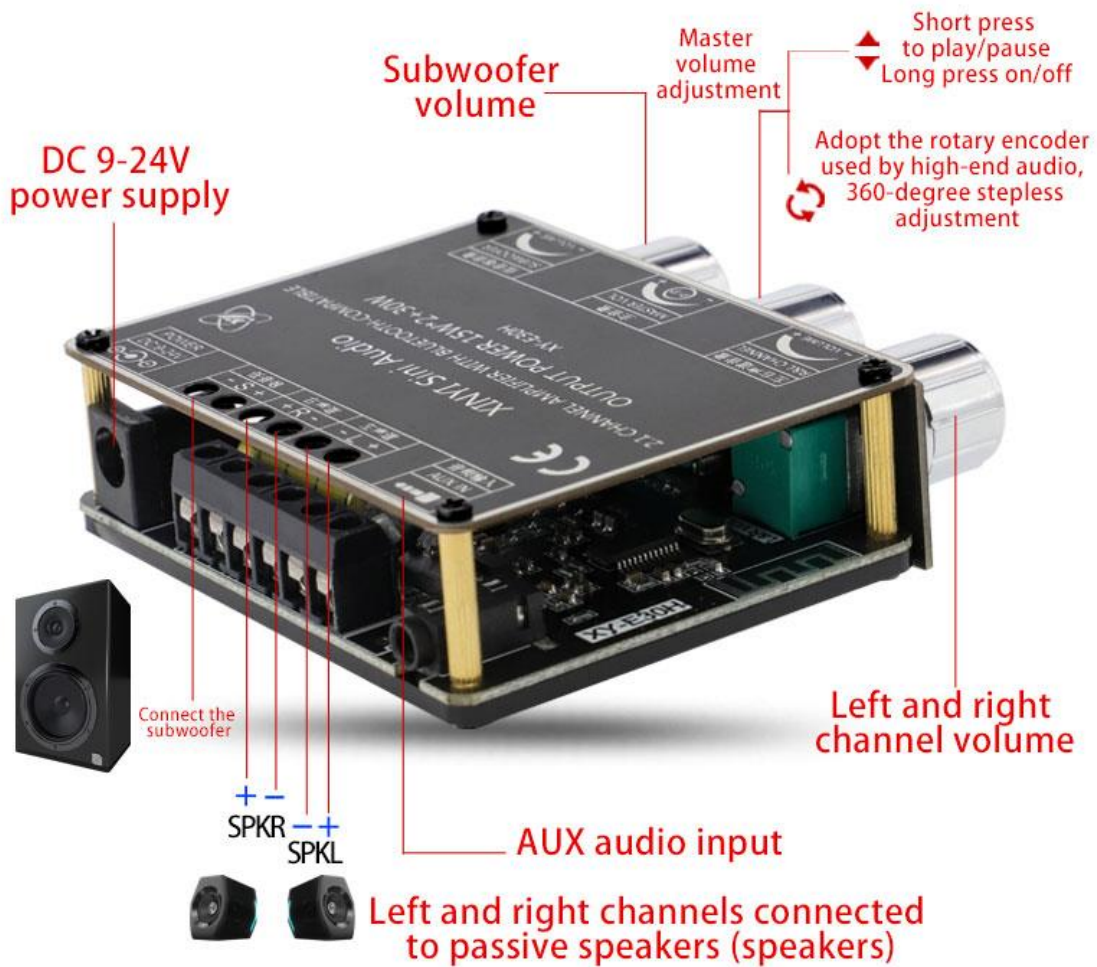
3.Naked plate structure

Bare board structure display

Audio signal line input

High-quality energy storage capacitors

Low noise front stage op amp
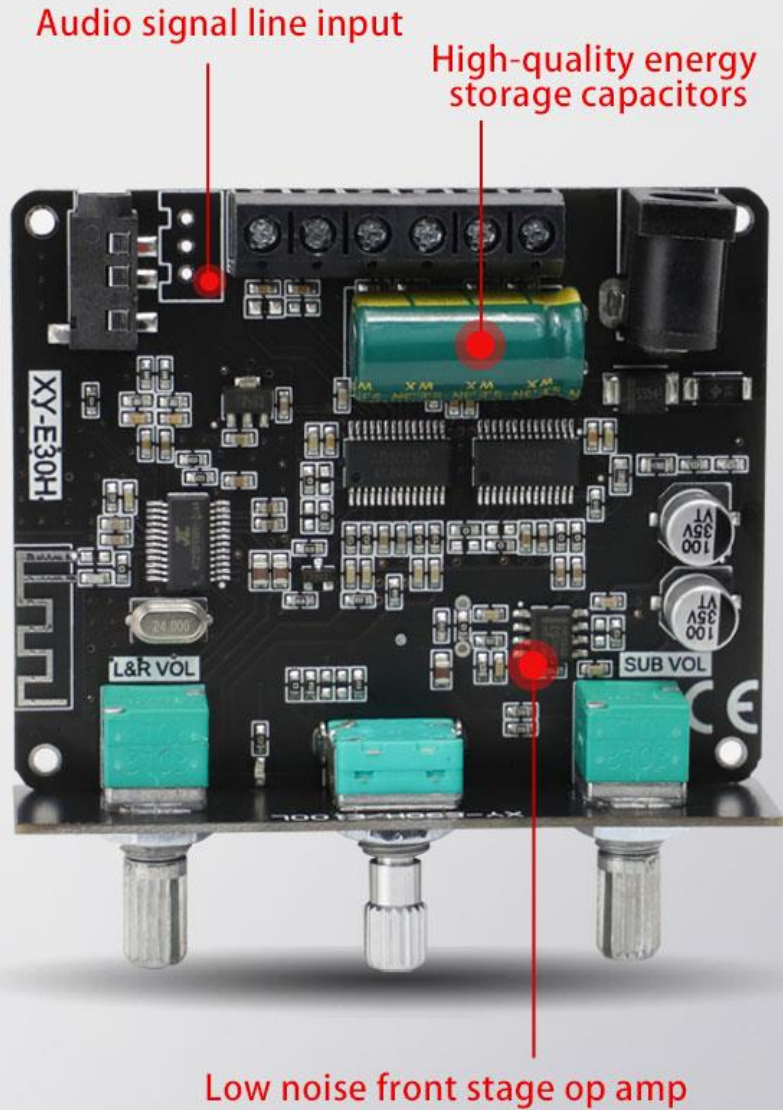
4.Set the Bluetooth name anywhere

Set the Bluetooth name of each product arbitrarily
Easy identification of multiple products

Bluetooth power amplifier 3

Bluetooth power amplifier 1

Bluetooth power amplifier 2

Bluetooth power amplifier 4

5.Set the private password

6.New upgrade to the Bluetooth system

7.Product parameter table

product information

Product number	Product name	
XY-E30H	2.1 channel bluetooth power amplifier board	

Power supply	Bluetooth version	Audio channel
DC9-24V/3A more	5.1	2.1

Audio input	Audio output
Bluetooth +AUX	Left and right channels + subwoofer

Volume adjustment	Frequency Range
High-end encoder knob adjustment	20HZ--30KHZ

Signal-to-noise ratio	Output Power
92dB	15W*2(Left and right channels)+30W(bass)

Satellite box (left and right channel) adapted speakers
5W--30W/4Ω--16Ω

Subwoofer (subwoofer) adapted speakers
5W--50W/4Ω--8Ω

protection mechanism
Static electricity, overcurrent, short circuit, overheating protection

Unique function
Support Sinilink-APP, modify the Bluetooth name,
set the Bluetooth password, turn off/on the prompt tone

weight	Dimensions
67g	70*73*20mm

Note: The impedance of the adapted speaker is 4 ohms, and the power
supply cannot exceed 12V; the impedance ofthe adapted speaker is 8
ohms, and the power supply cannot exceed 24V.

8.Product installation structure

Installation structure display

Free screwdriver and DC adapter

M2*16 copper pillar

Upper cover

Circuit board

M2*3 screws

M2*8 screws

Lower cover

Knob cap
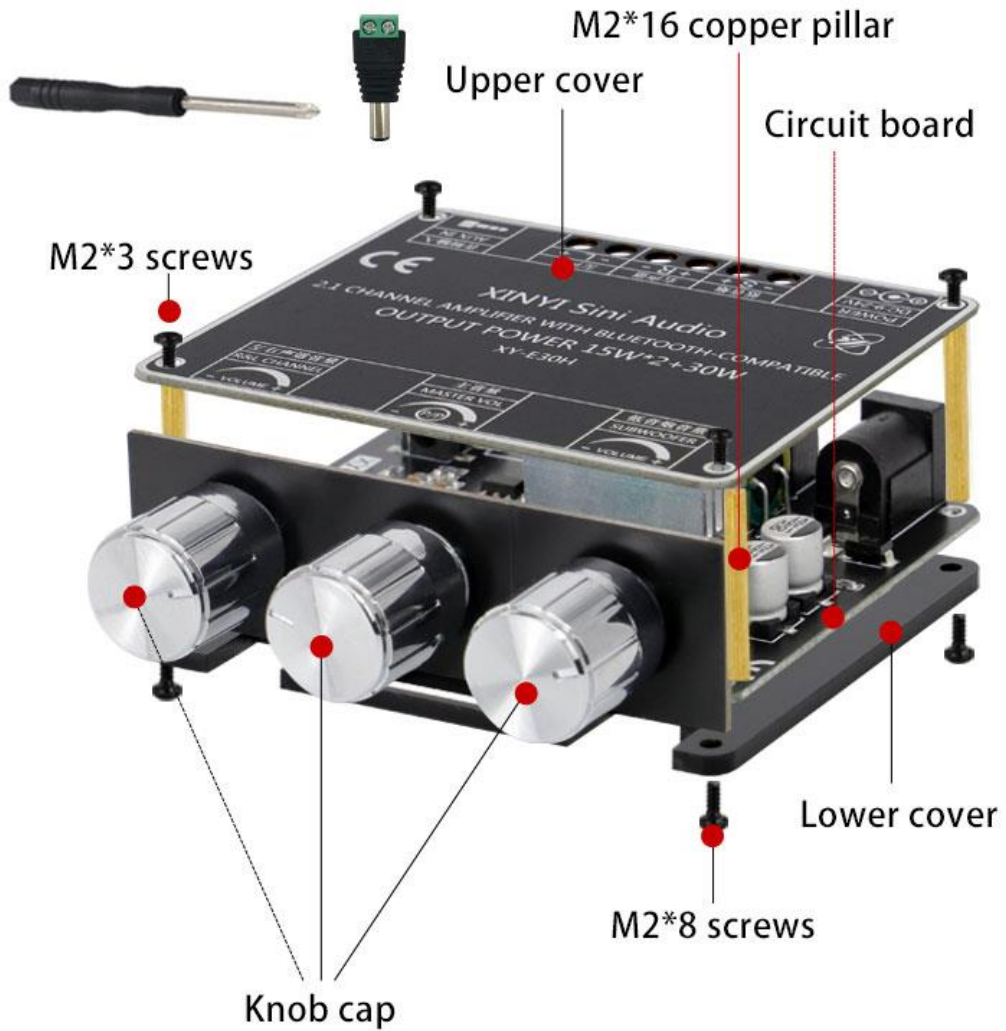
9.Modify the Bluetooth name considerations

Precautions for modifying the Bluetooth name

1. Enter the name you want to modify in the Bluetooth name text box and click Settings (limited to 10 characters)
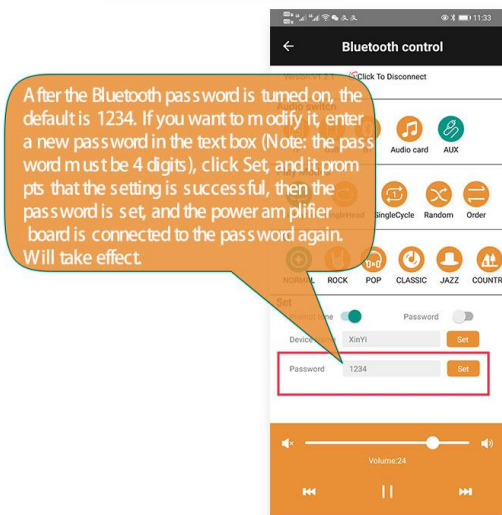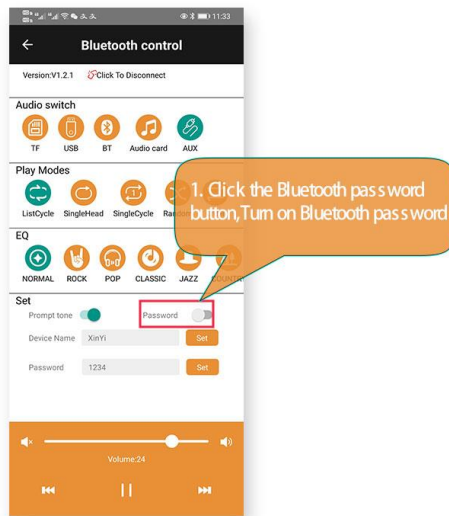
2. After the setting is successful, go to the phone settings -> Bluetooth to find the currently paired Bluetooth name

3. Then, click the setting icon behind the Bluetooth name to enter the setting page, and click Unpair

4. Finally, power on the Bluetooth power amplifier board again, search in the phone settings -Bluetooth, the modified Bluetooth device name will appear, just connect

10.Bluetooth password setting steps

Steps to set up Bluetooth password

1. Click the Bluetooth password button,Turn on Bluetooth password

After the Bluetooth password is turned on, the default is 1234. If you want to modify it, enter a new password in the text box (Note: the password must be 4 digits), click Set, and it prompts that the setting is successful, then the password is set, and the power amplifier board is connected to the password again. Will take effect.

Note: The mobile phone system will memorize the paired Bluetooth devices. After restarting the power amplifier board, it will directly connect to the Bluetooth; only to cancel the pairing and re-search for the connection to the Bluetooth will it ask for the pairing password.

11.How to connect your phone Bluetooth

Mobile phone Bluetooth connection

Do not connect to Sinilink-APP here, if it is connected, please unpair and search again

When the Bluetooth board is powered on, the blue LED flashes quickly and enters the Bluetooth connection mode; the mobile phone searches for XinYi, clicks "XinYi" to complete the connection and the sound is played, at this time the blue LED enters a long light state; open the mobile phone to play music , The blue LED flashes slowly and enters the playback state.

Make sure that Bluetooth into Bluetooth connection mode- - -blue LED flash, AUX do not insert, insert can not enter the Bluetooth connection state
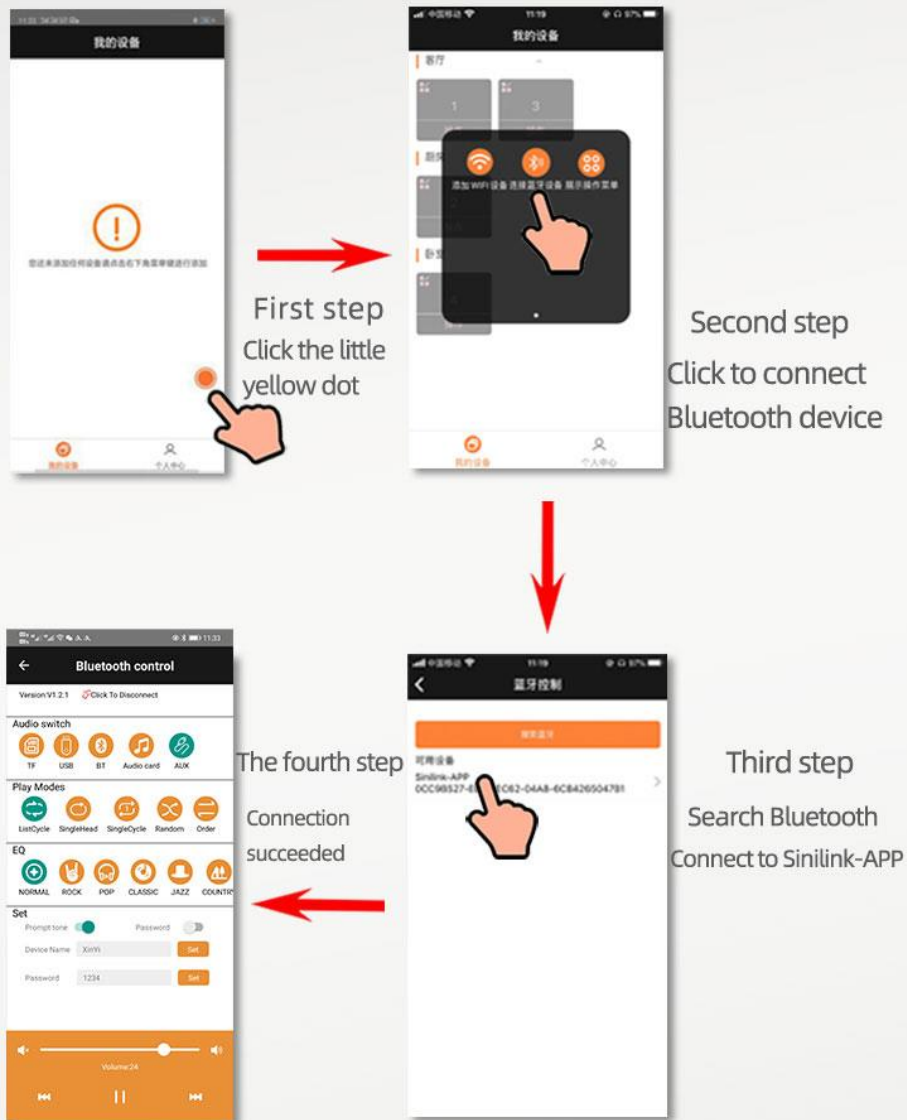
Mobile phone search for Bluetooth, find the "XINYI", click to complete the connection, accompanied by the prompt sound. After the successful connection, the LED enters the long beam state, open the mobile phone music software to play music, blue LED slow flash, and enter the playing state;

When the phone searches for Bluetooth, come out, "Sinilink-APP", don't connect this Bluetooth here, this is connected in the APP. If connected, please cancel the pairing, and search again, otherwise it will cause no connection in the phone APP.

12. How to connect your phone APP

Steps to connect Bluetooth via mobile APP

Note:When using the APP, you must turn on all the APP permissions in the phone settings, otherwise some phones,compatibility issues will occur, causing Bluetooth to fail to connect.

First step
Click the little yellow dot

Second step
Click to connect Bluetooth device

The fourth step
Connection succeeded

Third step
Search Bluetooth Connect to Sinilink-APP

Turn on the location information of the phone when using the APP

13.

13.How to download your phone APP

扫码下载APP

Scan Download APP

Scan the code to download the APP, foreign customers please download in the Google market, search for 'sinilink' download