XY-X15H 15W+15W HIFI Stereo Bluetooth 5.1 Amplifier

1.Description:

XY-X15H is a 15W+15W Dual Channel Stereo Bluetooth 5.1 Audio Amplifier Module which also can be controlled by APP Sinilink and infrared remote controller. It can modify the Bluetooth name and password, also can turn ON/OFF Bluetooth prompt tone. 2.0 channels audio signal output. Built-in amplifier module therefore it can connect to loudspeaker directly. It is ideal for DIY wireless Bluetooth speakers and transponders.

2.Features:

1>.Bluetooth APP Control : It can not only be used as an ordinary Bluetooth receiver, but also use the special Bluetooth APP SiniLink to achieve the play state switching and sound quality playback. In particular, it can support the modification of the Bluetooth name and set the Bluetooth pairing password which greatly improving the safety of the use of the product. At the same time, the Bluetooth prompt tone can also be turned ON or OFF as your needs.

2>.Remote Control : It uses an infrared remote control with silicon rubber buttons which can improve user experience. It can adjust the volume, switch music, switch sound effects, and also mute and turn off the power which can implement remote control and more convenient operation.

3>.Bluetooth/AUX/U-disk : It can not only receive music via Bluetooth, but also via AUX and U-disk to fit different needs. It is capable of playing WAV,FLAC,APE,MP3 music files. Independent power switch to control its working status at any time.

4>.15W+15W Dual Channel Stereo: It has a built-in amplifier chip to provide 15W*2 drive capability with DC 9V-24V work voltage.Recommended to use more than 3A current to get more clear, bright and high fidelity sound.

5>.Easy and fast operation: It only needs to connect the matching power supply and speaker to start working. The on-board 360° infinite tuning potentiometer can not only adjust the volume, but also playing and pause easy and fast operation.

6>.Protection Function : It has multiple protection mechanisms to ensure its safe operation with over-voltage protection, under-voltage protection, over-current protection, short-circuit protection, overheating protection, clipping protection.

3.Functions:

1>.Bluetooth APP Control
2>.Infrared Remote Control
3>.Independent Power Switch
4>.Bluetooth/AUX/U-disk Audio Input
5>.15W+15W Dual Channel Stereo
6>.ON/OFF Prompt Voice
7>.Modify Bluetooth Name
8>.ON/OFF Bluetooth Password
9>.Modify Bluetooth Password
10>.Adjust Volume for Prompt Voice
11>.360° Infinite Adjust Volume
12>.RCA Audio Interface

4.Parameters:

1>.Work Voltage:DC 9V-24V(12V or more recommended)
2>.Work Current:>3A
3>.Unique function:Sinilink APP control
4>.Channel:2.0 channel stereo output
5>.Bluetooth:BLE 5.1
6>.Audio input type:Bluetooth/AUX/USB
7>.Audio output type:Left/Right
8>.Adjust volume:360° Potentiometer adjustment
9>.Output power:10W*2 at 12V 8ohm;20W*2 at 12V 4ohm;15W*2 at 16V 8ohm;20W*2 at 24V 8ohm

10>.Communication distance:15meter(Max)

11>.Over temperature protection:Yes

12>.Short circuit protection:Yes

13>.Over voltage protection:Yes

14>.Under voltage protection:Yes

15>.Clipping protection:Yes

16>.Work Temperature:-20℃~85℃

17>.Work Humidity:5%~95%RH

18>.Module Size:78*52*35mm

5.Use steps:

1>.Choose the right speakers and connect as shown in wiring diagram.

2>.Connect to right power supply from DC-005 power socket.LED indicator will flashing and it means that module enters pairing mode.And then speak prompt voice and it means that module is waiting for pairing.

3>.Turn ON power supply switch.

4>.Turn ON Bluetooth on phone.

5>.Select Bluetooth device 'XinYi' or modified name in your Bluetooth device listing.

6>.LED indicator will keep ON and it means that module is successfully connected and is waiting for playing.

7>.XY-X15H will playing music after select music on phone.LED indicator will keep slowly blinking.

8>.Adjust potentiometer to change volume as you need.

9>.Open APP Sinilink and register an account if need control by APP. Note: You can choose to log in as a tourist without registering.

10>.Click the dot in the left to add device.

11>.Select 'Bluetooth devices' and then Search Bluetooth.

12>.Select devices 'Sinilink-APP' or 'XinYi' or 'XYV122V....' to connect module.

13>.User can adjust volume, select next or previous, play/pause, select EQ, reset name, enable/disable/set password, enable/disable Bluetooth prompt tone.

14>.XY-X15H will speak prompt voice if disconnected.
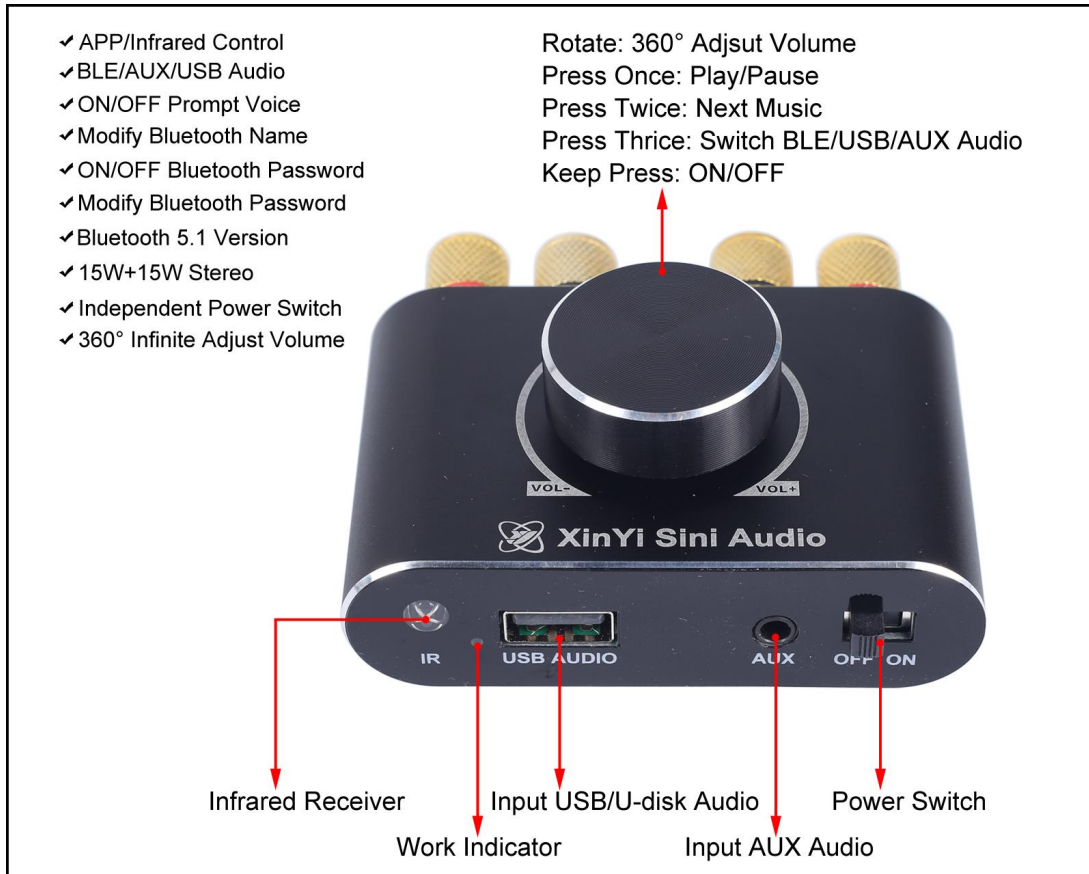
6.Application:

1>.Modified/repair/replace speaker

2>.Amplifier equipment for training/activity site and so on

3>.Car Bluetooth device

4>.Music Festival Party

5>.Family entertainment and leisure

6>.Games and Cinema

7.Note:

1>.The power amplifier board should be as far away as possible from the WIFI signal (router) avoid signal interference.

2>.It is power supply voltage DC 9V-24V with more than 3A current.

3>.It is recommended to use a working power supply of more than 12V.

4>.Please don't use too long wires to avoid signal interference.

5>.There can be enough power output only when the audio input is sufficient and the power supply voltage/current input is sufficient.

6>.The higher the power supply voltage, the greater the output power.

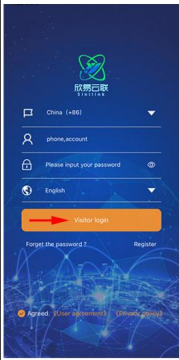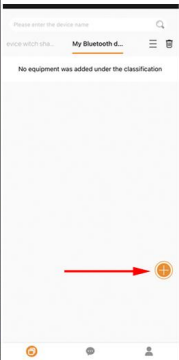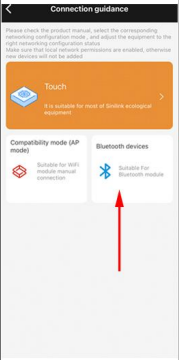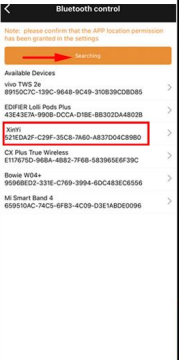7>.The smaller the impedance of the speaker, the greater the output power. It is recommended to use 4ohm speaker.

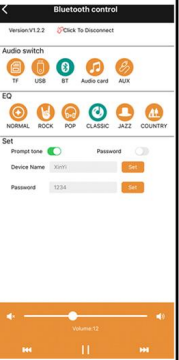## 8.Package:

1>.1pcs XY-X15H 15W+15W Stereo Bluetooth 5.1 Amplifier Module

2>.1pcs Infrared Remote Controller

3>.1pcs RCA to AUX Audio Wire

4>.1pcs AUX Audio Wire

✔ APP/Infrared Control
✔ BLE/AUX/USB Audio
✔ ON/OFF Prompt Voice
✔ Modify Bluetooth Name
✔ ON/OFF Bluetooth Password
✔ Modify Bluetooth Password
✔ Bluetooth 5.1 Version
✔ 15W+15W Stereo
✔ Independent Power Switch
✔ 360° Infinite Adjust Volume

Rotate: 360° Adjsut Volume
Press Once: Play/Pause
Press Twice: Next Music
Press Thrice: Switch BLE/USB/AUX Audio
Keep Press: ON/OFF

VOL-   VOL+

XinYi Sini Audio

IR   USB AUDIO   AUX   OFF ON

Infrared Receiver   Input USB/U-disk Audio   Power Switch

Work Indicator   Input AUX Audio

R   DC:9~24V   L

Input DC
9V - 24V

15W Right Speaker   15W Left Speaker

APP Sinilink Control
Infrared Remote Control

XinYi Sini Audio

Turn OFF Power — Mode — MUTE
Prev Music
Play/Pause — Next Music
VOL -
Switch EQ — EQ — VOL- — VOL+ — VOL +

0   RPT   U/SD
1   2   3   Reserved
4   5   6   Unavailable
7   8   9

Sinilink

APP Operation Instructions

1. Login as visitor or registor	2.Click ' + ' to add device	3.Select 'Bluetooth devices'	4.Search/select 'XinYi'	5.Bluetooth Control Mode	6.USB Control Mode

Note:
1.Users can directly enter the app as tourists without registering.
2.Tourists can only use the Bluetooth function.
3.At control mode, user can:

✔ON/OFF Prompt Voice

✔Modify Bluetooth Name

✔ON/OFF Bluetooth Password

✔Modify Bluetooth Password

✔Switch Bluetooth/AUX/USB Audio

✔Switch EQ and play mode for USB

✔Adjust Volume for Prompt Voice

52mm

68mm

78mm

H:23mm+12mm