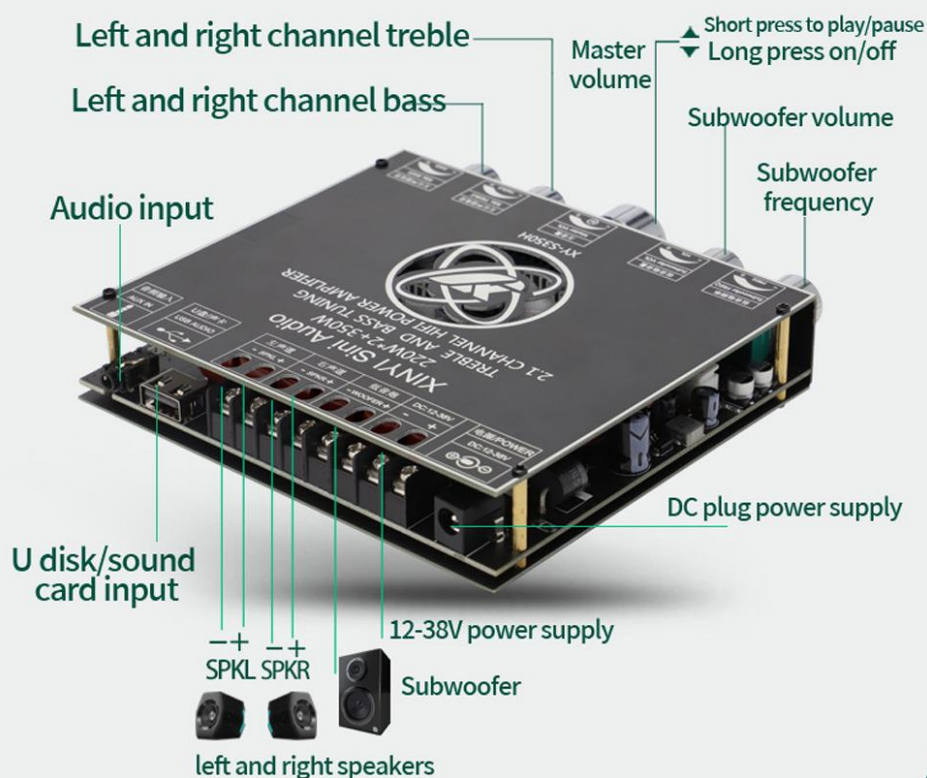


# User Manual

## Parameters

Product name	Bluetooth audio amplifier board
Product Model	XY-S350H
Power supply	DC12-38V/10A
Bluetooth version	5.0
Audio Channel	2.1
Audio Input	Bluetooth + AUX + USB flash drive
Frequency	20Hz-20KHz

## Functions and interfaces specification





## Functions of master volume knob

Turn Clockwise	Increase volume
Turn Counterclockwise	Decrease volume
Click	Play / Pause
Long press to 2S	Power OFF / Power ON

## How to using the product

### Play by Bluetooth

1. It will start work, after power on.
2. Blue led will flash quickly, then turn on your phone Bluetooth setting and search device
3. It will show a device named **XinYi** in your phone and pair it (no need PIN NO.)
4. Open the music player in your phone to play music

### Play by USB flash drive

1. Make sure that USB flash drive works in FAT32 file system, and copy music into it
2. Power on the amplifier board
3. Plug USB flash drive into USB connector *after power on*, it will play music in USB automatically

### Play by AUX

1. Power on the amplifier board



2. Plug one end of AUX wire into your player connector
3. Then plug another end of AUX wire into amplifier board connector, it will play automatically

**NOTE: It starts work automatically after power on, with no operation**

## Output power

Channel	Output Power(max)
R and L Channel	Deliver 2×10W into a 8-Ω speaker at 12V
	Deliver 2×20W into a 4-Ω speaker at 12V
	Deliver 2×25W into a 3-Ω speaker at 12V
Subwoofer	Deliver 10W into a 8-Ω speaker at 12V
	Deliver 20W into a 4-Ω speaker at 12V
	Deliver 25W into a 3-Ω speaker at 12V
	Deliver 35W into a 2-Ω speaker at 12V
R and L Channel	Deliver 2×30W into a 8-Ω speaker at 24V
	Deliver 2×70W into a 4-Ω speaker at 24V
	Deliver 2×100W into a 3-Ω speaker at 24V
Subwoofer	Deliver 30W into a 8-Ω speaker at 24V
	Deliver 70W into a 4-Ω speaker at 24V
	Deliver 100W into a 3-Ω speaker at 24V
	Deliver 150W into a 2-Ω speaker at 24V



R and L Channel	Deliver 2×80W into a 8-Ω speaker at 36V
	Deliver 2×160W into a 4-Ω speaker at 36V
	<b>Deliver 2×220W into a 3-Ω speaker at 36V</b>
Subwoofer	Deliver 80W into a 8-Ω speaker at 36V
	Deliver 160W into a 4-Ω speaker at 36V
	Deliver 220W into a 3-Ω speaker at 36V
	<b>Deliver 350W into a 2-Ω speaker at 36V</b>

Changes or modifications not expressly approved by the party responsible for compliance could void the user' s authority to operate the equipment.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

- (1) this device may not cause harmful interference, and
- (2) this device must accept any interference received, including interference that may cause undesired operation.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular



installation.

If this equipment does cause harmful interference to radio or television reception,

which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

The device has been evaluated to meet general RF exposure requirement. The device can be used in portable exposure condition without restriction