Hi-Fi Wifi Stereo Audio Amplifier

CL-250W Instruction manual

You are welcome to choose a high-fidelity WIFI stereo audio amplifier! In order to use the device correctly, please read the instruction manual carefully before use. We will wholeheartedly provide you with better products and services.

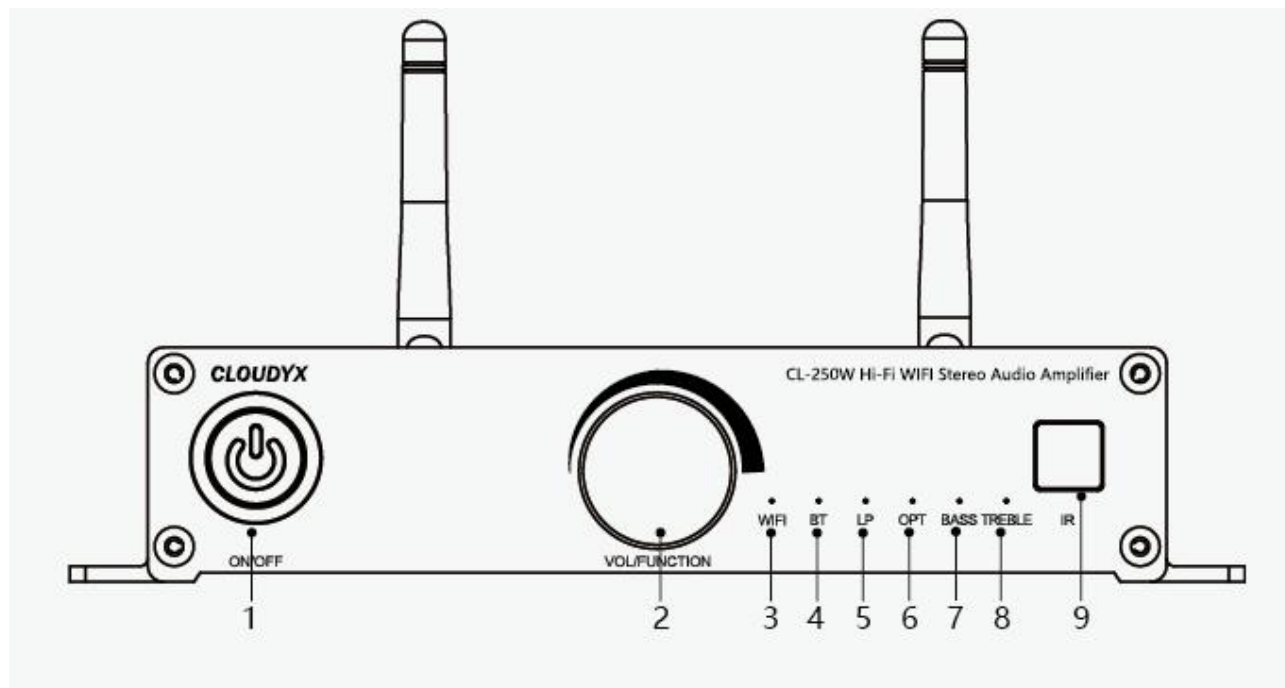**CL-250W** power amplifier has 5 modes: WiFi mode, Bluetooth mode, Vinyl mode, Aux in mode, and Optical fiber mode.

* Function Introduction

● Support WiFi 2.4G & 5G
● Support Bluetooth 5.0
● Support Microphone
● Support Vinyl MM input, configure RIAA balanced amplifier circuit
● Support 24bit/44.1KHz~24bit/192KHz
● Support DLNA, iHeartRadio, Spotify, TIDAL, Napster, Qobuz, Deezer
● Support network multi-room
● Support optical fiber input
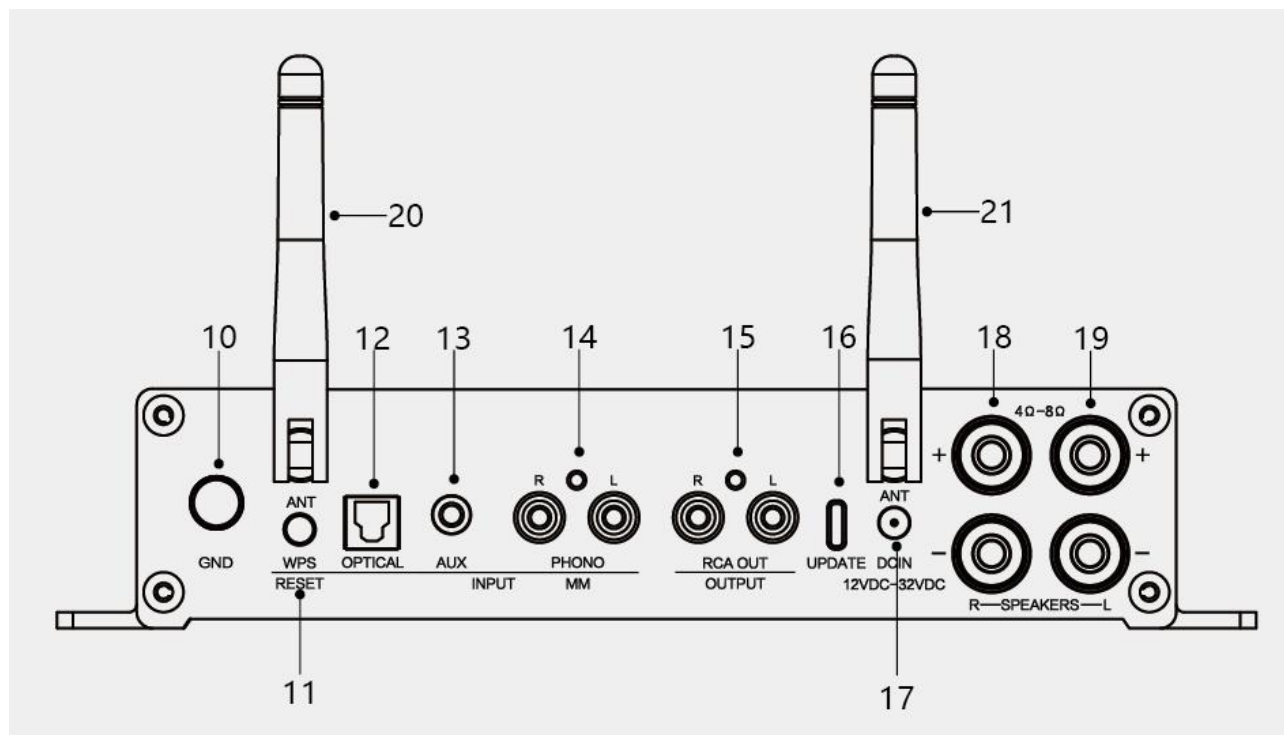● Equipped with full frequency stereo output

* Main technical parameters

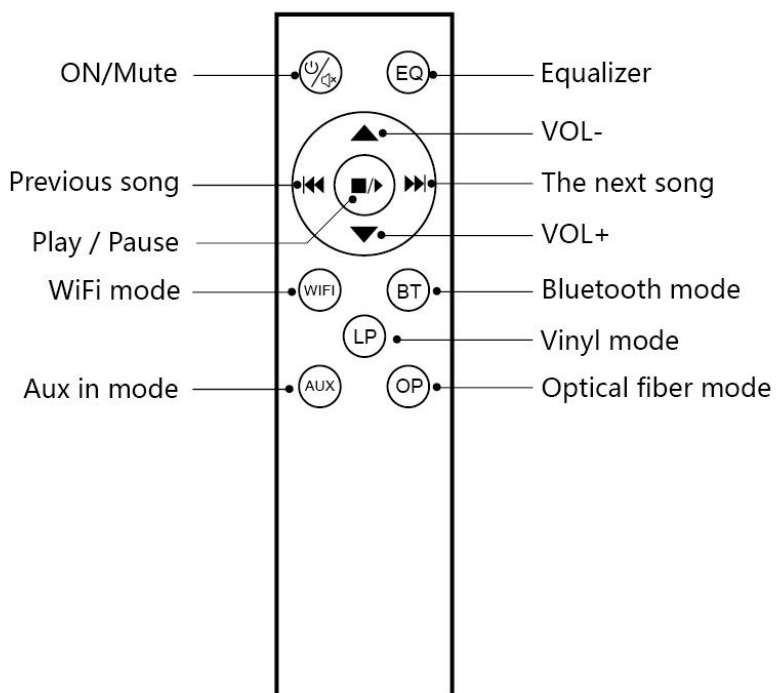| Name	Technical Parameter
Product Name	Hi-Fi WIFI Stereo Audio Amplifier
Product Model	CL-250W
Audio Input	WIFI/Bluetooth/OPTICAL/AUX/Vinyl MM
Audio Output	SPEAKER R+L / RCA
Work Voltage	DC 32V-5A
Output Power	2X100W(4Ω)
Frequency Response	20Hz - 20kHz
Harmonic Distortion	0.05%
Impedance	2k Ohm
SNR	95db
AUX input sensitivity	1V
Vinyl input sensitivity	MM phono-5MV
RCA output rated level	1V
Net weight	1.3kg
Dimension	22.5cm*20.2cm*4.5cm

* Structure diagram and description

(Front panel)

1. Power switch
2. Mode Control / Volume Treble Bass Control
3. WIFI mode indicator
4. Bluetooth mode indicator
5. Phono / AUX mode indicator
6. Optical fiber mode indicator
7. Bass adjustment indicator
8. Treble adjustment indicator
9. Infrared remote control receiver port

(Rear panel)

10. External ground wire
11. Pairing / Reset button
12. Optical fiber input interface
13. 3.5 Analog input interface
14. Phono MM input interface
15. Subwoofer output interface
16. Update interface
17. DC power interface
18.Right channel power output
19.Left channel power output
20. MIC receiving antenna
21.Bluetooth & WiFI antenna

ON/Mute — Equalizer
VOL-
Previous song — The next song
Play / Pause — VOL+
WiFi mode — Bluetooth mode
— Vinyl mode
Aux in mode — Optical fiber mode

(Remote control)

* Instruction

1. Power on and reset

(1) When power is on, the system has an initialization process. During the initialization process, the indicator light is in a running state. After the initialization is completed, the first mode entered by the device is the mode memorized before the last power-off, and the volume, high and low bass will also be set to the size before the last power-off;

(2) If you want to reset the volume, high and low sounds, you can press and hold the RESET/WPS button on the back of the device for 3 seconds, and you can let go when you see all the lights flash quickly (200ms on and 200ms off).

2. Modes and switching

CL-250W device has 5 modes: WiFi mode, Bluetooth mode, Vinyl mode, Aux in mode, and Optical fiber mode. Click the button on the front panel to switch modes.

2.1 WiFi mode

The WiFi indicator is flashing fast (100ms on and 100ms off) when the power is just turned on, and the WiFi light flashes slowly (500ms on and 500ms off) when the startup is completed and not connected, and is on when connected. See the table below for details:

WiFi indicator status	Corresponding WiFi working status
Fast flashing (100ms on, 100ms off)	WiFi is starting
	WiFi factory reset
	WiFi is upgrading
Slow flashing (500ms on, 500ms off)	WiFi is not connected
Light long on	WiFi is connected (any connection of router, AP, Ethernet, or network is always on)
Super slow flashing (1s on, 1s off)	Mute

Table 1 WiFi indicator and its corresponding working status

(1) Release hotspot: WiFi distribution network needs to be used with MUZO Pod App player. After

distribution network, WiFi hotspot will be hidden. If you need to release the hidden WiFi hotspot, you can shortly press the Reset button on the back of the device;

(2) Restore factory settings: Long press the Reset button for more than 5 seconds, the WiFi indicator or Reset indicator flashes quickly, then you can let go;

(3) More settings need to be used with MUZO player, please check the instructions of the APP.

ios version：Please go directly to the mobile application market to download the Muzo Pod APP.
Android version：Please go directly to the mobile application market to download the Muzo Pod APP.

2.1.1MuzoAPP application

First time connection: Before using this APP for the first time, make sure that the audio amplifier and speaker are properly connected and working.
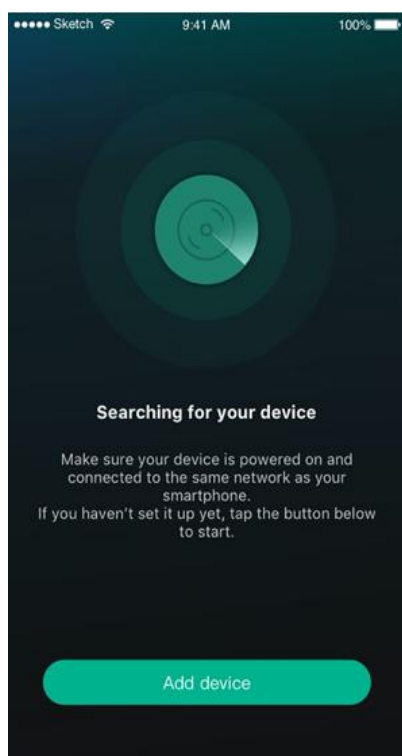
Open MUZO Pod App, according to the APP prompt, after searching for the name of the audio amplifier that needs to be networked, select WiFi in the same LAN as the mobile device, and enter the WiFi password to configure the amplifier. (See Figure 1, Figure 2)

If you want to add other home wireless network devices that are not connected, click "+" in the device list to add the device. (See Figure 3)

After adding the device, you can name the device according to your needs. For example, if your speakers are placed in the bedroom, you can choose to name it as the bedroom. (See Figure 4)

Synchronous playback and separate playback function, this APP can provide powerful synchronous playback function. In the device list interface, you can see the usage status of all your devices, play songs, sound volume, and channel selection at a glance. (Figure 5)
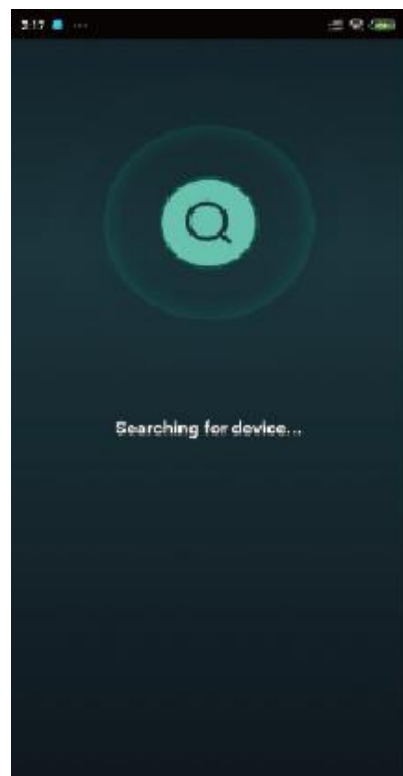
Switch to synchronous playback mode: long press the device and drag to the device to be synchronized; switch to separate playback mode: long press the device and drag down (See Figure 6)
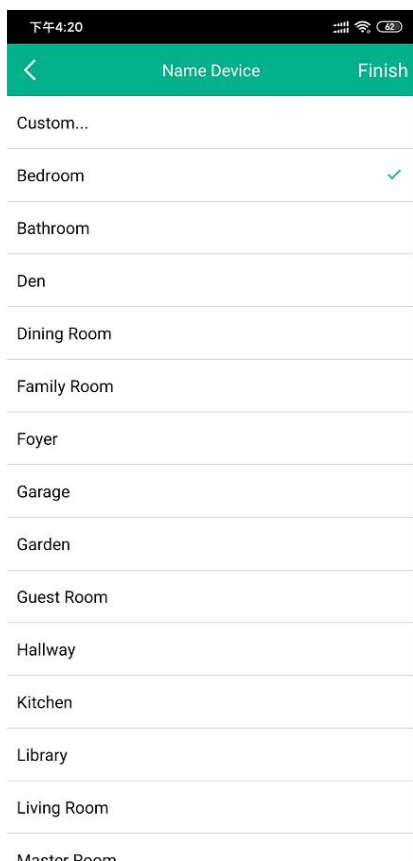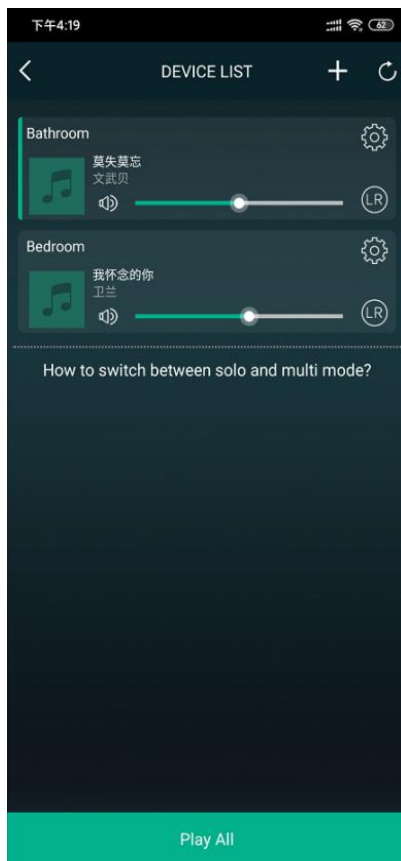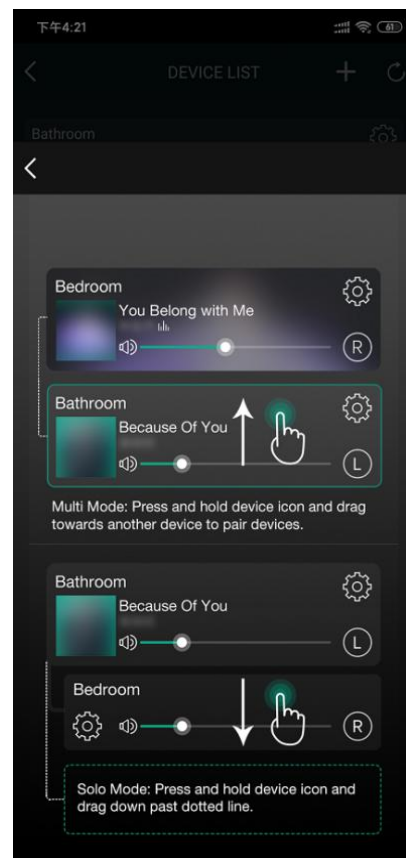
（Figure 1）　　　　　　　　（Figure 2）　　　　　　　　（Figure 3）

（Figure 4）　　　　　　　　　　（Figure 5）　　　　　　　　　　（Figure 6）

2.2 Bluetooth mode

Bluetooth and WiFi belong to the same module, and Bluetooth will also have a startup process when it is powered on. During this process, the Bluetooth indicator flashes quickly (100ms on and 100ms off). See the table below for details:

BT　indicator status	Corresponding Bluetooth working status
Fast flashing (100ms on, 100ms off)	Bluetooth is starting
Slow blinking 1 (200ms on and 800ms off)	Bluetooth is reconnecting or Bluetooth is hidden
Slow flashing 2 (400ms on, 400ms off)	Bluetooth is paired
Light long on	Bluetooth connected

Super slow flashing (1s on, 1s off)	Mute

Table 2 Bluetooth indicator and its corresponding working status

If you want to disconnect Bluetooth, hide Bluetooth or release Bluetooth, you can press the RESET/WPS button briefly.

2.3 Vinyl mode

Click the Mode button, the LP indicator lights up and enters the vinyl mode. The RCA connector of the device and the vinyl record player is located on the back of the device labeled "PHONO". The LP indicator flashes slowly when muted (1s on and 1s off).

2.4 Aux in mode

Click the Mode button, the LP indicator flashes slowly (500ms off and 500ms on) to enter Aux in mode. The Aux in connector of the device and the audio source is located on the back of the device labeled "AUX". The LP indicator flashes slowly when muted (1s on and 1s off).

2.5 Optical fiber Mode

Click the Mode button, the OPT indicator lights up and enters the optical fiber mode. The connector of the device and the audio source is located on the back of the device marked "OPTICAL". The OPT indicator flashes slowly when muted (1s on and 1s off).

3. Volume and bass adjustment

By default, the knob is used to adjust the volume. When the Mode button is pressed for a long time, the Bass light is on to indicate that the knob is to adjust the bass strength; long press the Mode button again, the Treb light is on to indicate that the knob is to adjust the treble strength and weakness; Long press the Mode button again, the Bass, Treb lights Off, it means that the knob is used to adjust the volume level;

3.1 Volume adjustment

Turn the knob on the front panel, turn clockwise to increase the volume and turn counterclockwise to decrease the volume. At the same time, the number of lights indicates the volume. The more lights, the louder the volume. When the knob is not operated for 2 seconds, the light indicator jumps back to the mode display.

3.2 Bass adjustment

Long press the Mode button, and when the Bass light is on, it means that the knob can adjust the bass level. At the same time, the number of lights indicates the volume of the bass. The greater the number of lights, the stronger the bass. The default state is three lights. When the knob is not operated for 2 seconds, the indicator will jump back to the Bass indicator. When the knob is not operated for 6 seconds, the light indicator jumps back to the mode display.

3.3 Treble adjustment

Long press the Mode button, and when the Treb light is on, it means that the knob can adjust the treble size. At the same time, the number of lights indicates the volume of the treble. The more lights, the stronger the treble. The default state is three lights. When the knob is not operated for 2 seconds, the light indicator jumps back to the Treb light display. When the knob is not operated for 6 seconds, the light indicator jumps back to the mode display.

3.4 Microphone volume adjustment

Long press the function key, when the BASS light and the TREBLE light are on at the same time, it means that the knob can adjust the microphone volume. At the same time, the number of lights indicates the volume of the microphone volume. The more lights, the louder the microphone volume. The default state is six lights on, which is the maximum volume. When the knob has not been operated for 2 seconds, the indicator will jump back to the BASS & TREBLE indicator. When the knob is not operated for 6 seconds, the light indicator jumps back to the mode display.

* Packing list

1. Hi-Fi Wifi Stereo Audio Amplifier   x 1
2. Power cord   x 1
3. Remote control   x 1
4. RCA to RCA line   x 1
5. 3.5 line   x 1
6. RCA to 3.5 line   x 1
7. Battery   x 1
8. Instruction manual/warranty card   x 1

* Friendly reminder

In the process of using this device, if there is a problem with the device, you can consult and guarantee through the after-sales service provided by official channels, and we will solve it for you in time! The warranty period of this device is 12 months, lifetime maintenance, I am so happy to serve you!

FCC Statement
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.

Responsible for compliance could void the user's authority to operate this equipment. (Example- use only shielded interface cables when connecting to computer or peripheral devices).

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

This equipment 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.

FCC Radiation Exposure Statement:
The equipment complies with FCC Radiation exposure limits set forth for uncontrolled enviroment. This equipment should be installed and operated with minimum distance 20cm between the radiator and your body.