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LONPOO LP-615

LONPOO LP-615 200W HiFi Power Amplifier Instruction Manual

Model: LP-615

1. Introduction

Thank you for purchasing the LONPOO LP-615 200W HiFi Power Amplifier. This manual provides detailed instructions for the safe and efficient operation of your device. Please read this manual thoroughly before use and retain it for future reference.

The LP-615 is a versatile stereo power amplifier designed to deliver high-fidelity audio. It features multiple input options including Bluetooth, Optical, Coaxial, USB, AUX, and Line In, along with adjustable treble and bass controls to customize your listening experience.



Image: Front view of the LP-615 amplifier, highlighting its 200W RMS output capability and key features such as loud volume, high sound quality, easy operation, and multi-functionality.

2. Product Overview

2.1 Front Panel Controls



Image: Front panel of the LP-615 amplifier, highlighting the Treble, Bass, and Volume knobs, Power/Mode button, AUX IN port, USB port, IR sensor, and indicator light.

- **Treble Knob:** Adjusts high-frequency sound levels.
- **Bass Knob:** Adjusts low-frequency sound levels.
- **Volume Knob:** Controls the overall output volume.
- **Power ON/OFF / Mode Button:** Short press to switch between input modes (Bluetooth, Optical, Coaxial, USB, AUX, Line In). Long press to power on/off. Rotate for volume adjustment.
- **AUX IN Port:** 3.5mm input for connecting external audio devices.
- **USB Port:** For playing audio files from a USB drive.
- **IR Sensor:** Receives signals from the remote control.
- **Indicator Light:** Displays current input mode (Red for Power/Standby, Blue for Bluetooth, Green for AUX, Yellow for Coaxial, Light Blue for Optical).

2.2 Rear Panel Connections



Image: Rear panel of the LP-615 amplifier, showing the BT ANT connector, Coaxial input, Optical input, Line In (L/R) inputs, and Speaker Output terminals. Labels indicate diverse input interfaces including optical, RCA, and coaxial inputs.

- **BT ANT:** Connector for the Bluetooth antenna.
- **COAXIAL Input:** Digital audio input for coaxial cables.
- **OPTICAL Input:** Digital audio input for optical (Toslink) cables.
- **LINE IN (L/R):** Analog RCA inputs for connecting audio sources.
- **SPEAKER OUT (R/L):** Terminals for connecting passive speakers.
- **AC Power Input:** For connecting the power cord.

2.3 Remote Control



Image: The LP-615 amplifier with its multi-function remote control, highlighting adjustable treble and bass knobs on the unit. The remote allows for convenient control of power, volume, input selection, and playback functions.

The included remote control allows for convenient operation of the amplifier from a distance. It provides control over power, volume, input selection, and media playback (for USB/Bluetooth modes).

3. Setup

3.1 Unpacking and Placement

Carefully unpack all components. Ensure the amplifier is placed on a stable, flat surface with adequate ventilation. Avoid placing it near heat sources or in direct sunlight.



Image: Diagram showing the contents of the product box, including the amplifier, power cord (1.2m), remote control (AAA batteries not included), and instruction manual.

Box Contents:

- LONPOO LP-615 Power Amplifier
- Power Cord (1.2m)
- Remote Control (AAA batteries not included)
- Instruction Manual

3.2 Connecting Speakers

Connect your passive speakers to the SPEAKER OUT terminals on the rear panel. Ensure correct polarity (+ to + and - to -) for each speaker. This amplifier supports 2-8 ohm passive speakers.



Image: A comprehensive diagram illustrating how to connect the amplifier to various audio sources (mobile phone, tablet, computer, PC, TV, DVD player, PS4) via Bluetooth, AUX, USB, Optical, Coaxial, and Line In, and then to passive speakers.

3.3 Connecting Audio Sources

Choose one of the following methods to connect your audio source:

1. **Bluetooth:** Ensure the Bluetooth antenna is securely attached to the BT ANT connector. Power on the amplifier and select Bluetooth mode. On your device (smartphone, tablet, PC), search for "LONPOO" and pair. The amplifier is equipped with a professional-grade Bluetooth 5.3 chip for stable, high-speed, and convenient connection.
2. **Optical/Coaxial:** Connect an optical or coaxial cable from your audio source (e.g., TV, DVD player) to the corresponding input on the amplifier. Select the correct input mode.
3. **USB:** Insert a USB flash drive containing audio files into the USB port on the front panel. The amplifier will automatically switch to USB mode and begin playback.
4. **AUX:** Connect a 3.5mm audio cable from your device to the AUX IN port on the front panel. Select AUX input mode.
5. **LINE IN (L/R):** Connect RCA cables from your audio source (e.g., CD player, turntable with pre-amp) to the LINE IN (L/R) ports on the rear panel. Select Line In input mode.



Image: Close-up view of the amplifier's rear panel with an optical cable securely connected to the OPTICAL input, demonstrating a digital audio connection.



Image: A turntable connected to the amplifier via an AUX cable, and a USB drive inserted into the amplifier's front USB port, illustrating analog and digital media connections.

3.4 Power Connection

Connect the provided power cord to the AC power input on the rear of the amplifier, then plug it into a suitable wall outlet.

4. Operating Instructions

4.1 Power On/Off

Press and hold the Power ON/OFF button on the front panel or the power button on the remote control to turn the amplifier on or off.

4.2 Input Selection

Short press the Power ON/OFF button on the front panel or use the dedicated input buttons (BT, OPT, COAX, USB, AUX, LINE IN) on the remote control to cycle through available input sources.

4.3 Volume Control

Rotate the Volume knob on the front panel clockwise to increase volume and counter-clockwise to decrease. Alternatively, use the VOL+ and VOL- buttons on the remote control.

4.4 Tone Control

Use the Treble and Bass knobs on the front panel to adjust the high and low frequencies according to your preference. Turning the Treble knob clockwise enhances clarity, while turning the Bass knob clockwise adds depth to the audio.



Image: The LONPOO LP-615 amplifier on a desk next to a speaker, with a smartphone displaying music playback, illustrating Bluetooth connectivity in a home setting.

5. Maintenance

5.1 Cleaning

Wipe the amplifier's exterior with a soft, dry cloth. Do not use liquid cleaners or abrasive materials, as they may damage the finish.

5.2 Ventilation

Ensure that the ventilation openings on the amplifier are not blocked to prevent overheating. Maintain adequate space around the unit for proper airflow.

5.3 Storage

If storing the amplifier for an extended period, disconnect it from the power outlet and store it in a cool, dry place, away from direct sunlight and extreme temperatures.

6. Troubleshooting

Problem	Possible Cause	Solution

Problem	Possible Cause	Solution
No power	Power cord not connected; Power outlet not active.	Check power cord connection; Try a different outlet.
No sound output	Incorrect input selected; Speaker cables loose; Volume too low; Audio source issue.	Select correct input mode; Reconnect speaker cables, ensuring correct polarity; Increase volume; Check audio source output.
Bluetooth pairing failure	Amplifier not in Bluetooth mode; Device too far; Bluetooth not enabled on source device.	Ensure amplifier is in Bluetooth mode; Move device closer; Enable Bluetooth on your source device and re-scan.
Distorted sound	Volume too high; Incorrect tone settings; Poor audio source quality.	Reduce volume; Adjust Treble/Bass knobs; Test with a different audio source.
Remote control not working	Batteries depleted or incorrectly inserted; Obstruction between remote and IR sensor.	Replace batteries (AAA); Ensure clear line of sight to IR sensor.

7. Specifications

Brand: LONPOO

Model Number: LP-615

Output Power: 200W (100W x 2 channels)

Speaker Impedance: 2-8 Ohms

Input Interfaces: Bluetooth, Optical, Coaxial, USB, AUX (3.5mm), LINE IN (L/R RCA)

Dimensions (LxWxH): 17.5 x 14 x 5.5 cm (6.89 x 5.51 x 2.17 inches)

Weight: 0.8 kg (1.76 lbs)

Manufacturer: longping

Origin: China

8. Warranty Information

This product comes with a 1-year warranty from the date of purchase. The warranty covers manufacturing defects under normal use. It does not cover damage caused by misuse, accidents, unauthorized modifications, or improper installation.

Please retain your proof of purchase for warranty claims.

9. Customer Support

For technical assistance, troubleshooting, or warranty inquiries, please contact LONPOO customer support through your retailer or the official LONPOO website. Please have your model number (LP-615) and purchase details ready when contacting support.

Ask a question about this manual

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. Privacy details.

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question