

## LOXJIE D30

# LOXJIE D30 Audio DAC and Headphone Amplifier User Manual

Model: D30

## 1. INTRODUCTION

Thank you for choosing the LOXJIE D30 Audio DAC and Headphone Amplifier. This device is designed to deliver high-fidelity audio performance, featuring an ES9068AS DAC chip, XMOS for advanced digital audio processing, and support for PCM up to 32bit/768kHz, MQA, and DSD512. It also includes Bluetooth 5.0 with APT-X for wireless connectivity and is JAS Hi-Res certified. This manual provides essential information for setting up, operating, and maintaining your D30 unit.

## 2. SAFETY INSTRUCTIONS

- Do not disassemble or modify the unit. Unauthorized modifications may result in electric shock or product malfunction.
- Do not expose the unit to water, moisture, or excessive humidity.
- Avoid placing the unit near heat sources, direct sunlight, or in poorly ventilated areas.
- Use only the specified power adapter and cables provided with the unit.
- Ensure proper ventilation around the unit to prevent overheating.
- Keep the unit away from strong magnetic fields.
- Unplug the power cord during lightning storms or when unused for extended periods.

## 3. PACKAGE CONTENTS



**Image Description:** An overhead view of the LOXJIE D30 Audio DAC and Headphone Amplifier package contents. It shows the D30 unit, a user manual, a remote control, a power cable with various international plug adapters, and a USB cable.

- LOXJIE D30 Unit
- Remote Control
- Power Cable with Adapters
- USB Cable
- User Manual

## 4. PRODUCT OVERVIEW

### 4.1 Front Panel



**Image Description:** A front-angle view of the LOXJIE D30 Audio DAC and Headphone Amplifier. The front panel features a digital display showing "USB DSD DSD256", a 6.35mm headphone jack, and a multi-function knob labeled "VOL/MENU". An antenna is visible on the top right.

- **Display Screen:** Shows current input, sample rate, volume level, and menu options.
- **6.35mm Headphone Output:** For connecting headphones.
- **Multi-function Knob (VOL/MENU):**
  - Rotate to adjust volume.
  - Press to enter/exit menu.
  - Rotate in menu to navigate options.
  - Press to confirm selection.

## 4.2 Rear Panel



**Image Description:** A rear-angle view of the LOXJIE D30 Audio DAC and Headphone Amplifier. The rear panel features various input and output ports including RCA (L/R) inputs, Coaxial input, Optical input, USB input, SW OUT (subwoofer output), RCA (L/R) line outputs, speaker terminals (Right/Left), and a power input with a switch. A Bluetooth antenna is also visible.

- **RCA (L/R) Inputs:** For analog audio sources.
- **Coaxial Input:** For digital audio sources.
- **Optical Input:** For digital audio sources.
- **USB Input:** For connecting to a computer (PCM 32bit/768kHz, DSD512).
- **SW OUT:** Subwoofer output.
- **RCA (L/R) Line Outputs:** For connecting to external amplifiers or powered speakers.
- **Speaker Terminals (Right/Left):** For connecting passive speakers.
- **Bluetooth Antenna:** For wireless Bluetooth 5.0 connectivity.
- **Power Input & Switch:** For connecting the power cable and turning the unit on/off.

## 5. SETUP

1. **Power Connection:** Connect the provided power cable to the D30's power input and then to a wall outlet. Ensure the power switch is in the OFF position before connecting.
2. **Antenna Installation:** Screw the Bluetooth antenna firmly into its connector on the rear panel.

### 3. Audio Source Connection:

- **USB:** Connect a USB cable from your computer to the D30's USB input. Install necessary drivers if prompted by your operating system.
- **Optical/Coaxial:** Connect your digital audio source (e.g., CD player, TV) to the corresponding Optical or Coaxial input.
- **Bluetooth:** Ensure the antenna is connected. Select Bluetooth input on the D30, then pair with your device (see Operating Instructions).
- **RCA Input:** Connect analog audio sources using RCA cables.

### 4. Output Connection:

- **Headphones:** Plug your 6.35mm headphones into the front panel jack.
- **Speakers/Amplifier:** Connect passive speakers to the speaker terminals or an external amplifier/powered speakers to the RCA Line Outputs.
- **Subwoofer:** Connect a subwoofer to the SW OUT port.

5. **Power On:** Flip the power switch on the rear panel to the ON position. The display will light up.

## 6. OPERATING INSTRUCTIONS

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1. **Input Selection:** Press the multi-function knob or use the remote control to cycle through available inputs (USB, Optical, Coaxial, Bluetooth, RCA).
2. **Volume Control:** Rotate the multi-function knob or use the volume buttons on the remote control to adjust the output volume. The volume for headphone and line outputs are independent and will switch automatically when changing output modes.
3. **Output Mode Switching:** The D30 automatically switches between headphone output and line output when headphones are plugged in or removed.
4. **Bluetooth Pairing:**
  - Select Bluetooth input on the D30.
  - On your source device (e.g., smartphone), search for Bluetooth devices and select "LOXJIE D30".
  - Once paired, the display will show "BT Connected".
  - To clear Bluetooth pairing history, navigate to the setup menu and select "BT Clear".
5. **Menu Navigation (EQ, Treble, Bass, Color):**
  - Press the multi-function knob to enter the setup menu.
  - Rotate the knob to navigate through options like "Output", "EQ", "Treble", "Bass", "Color", etc.
  - Press the knob to select an option. Rotate again to adjust the value or setting.
  - Press and hold the knob to exit the menu.
6. **MQA/DSD Playback:** The D30 supports MQA full decoding and DSD512 playback via compatible inputs (e.g., USB). Ensure your source software is configured for MQA/DSD output.

## 7. MAINTENANCE

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- Clean the unit with a soft, dry cloth. Do not use abrasive cleaners or solvents.
- Keep the unit free from dust and debris.
- Ensure all connections are secure and free from corrosion.

## 8. TROUBLESHOOTING



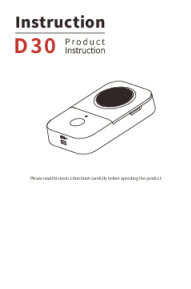
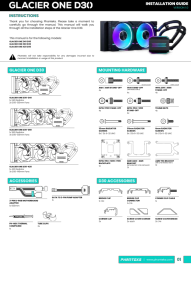
Problem	Possible Cause	Solution
No power	Power cable not connected; Power switch off	Check power cable connection; Turn on power switch
No sound output	Incorrect input selected; Volume too low; Output device not connected or faulty	Select correct input; Increase volume; Check connections to headphones/speakers
Bluetooth connection issues	Device not paired; Out of range; Interference	Ensure D30 is in Bluetooth mode and discoverable; Re-pair device; Move closer to D30; Clear BT history
Distorted audio	Source audio quality; Incorrect sample rate; Cable issues	Check source audio; Verify sample rate settings; Replace cables if necessary

## 9. SPECIFICATIONS

Feature	Detail
DAC Chip	ESS ES9068AS
USB Compatibility	PCM 32bit/768kHz, DSD512
MQA Support	Full MQA decoding (Optical and Coaxial inputs)
Bluetooth Version	5.0 with APT-X HD (up to 24bit/48kHz)
Outputs	6.35mm Headphone Jack, RCA Line Out, SW Out, Speaker Terminals
THD+N	As low as 0.0001% (-120dB)
Item Weight	1.03 Kilograms (2.26 pounds)
Dimensions	10.71 x 9.29 x 3.03 inches (Package)
Power Source	AC Power (via adapter)
Output Wattage	165 Watts (for speaker output)

## 10. WARRANTY AND SUPPORT

LOXJIE products are designed and manufactured to the highest quality standards. For warranty information, technical support, or service inquiries, please refer to the warranty card included in your package or visit the official LOXJIE website. Keep your purchase receipt as proof of purchase.

	<p><a href="#">Loxjie D40 PRO Instruction Manual</a></p> <p>Instruction manual for the Loxjie D40 PRO, a high-resolution USB DAC featuring MQA decoding, ESS ES9039MSPRO DAC chip, XMOS XU-316, and a balanced headphone amplifier. Details specifications, features, remote control operation, parts identification, function settings, MQA playback, and indicator light descriptions.</p>
	<p><a href="#">LOXJIE A40 High-Resolution Power Amplifier User Manual</a></p> <p>Comprehensive user manual for the LOXJIE A40 high-resolution power amplifier, detailing its features, technical specifications, operation instructions, remote control usage, and MQA playback capabilities.</p>
	<p><a href="#">D30 Smart Mini Label Maker Product Instruction Manual</a></p> <p>User manual for the D30 Smart Mini Label Maker, providing instructions on setup, operation, app connection, specifications, and FCC caution.</p>
	<p><a href="#">Phanteks Glacier One D30 Installation Guide</a></p> <p>Comprehensive installation guide for the Phanteks Glacier One D30 series of CPU coolers, detailing steps for mounting the CPU block, fans, and connecting cables.</p>