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## LOXJIE D30 2024

# LOXJIE D30 2024 Audio Decoder Headphone Amplifier User Manual

Model: D30 2024

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## 1. INTRODUCTION

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Thank you for choosing the LOXJIE D30 2024 Audio Decoder Headphone Amplifier. This device is designed to provide high-fidelity audio playback, combining a powerful headphone amplifier with an advanced digital-to-analog converter (DAC). It supports various audio formats and offers flexible output options for both headphones and active speakers. Please read this manual thoroughly to understand the product's features and ensure correct operation.

## 2. WHAT'S IN THE BOX

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Carefully unpack the box and ensure all items are present and in good condition. If any items are missing or damaged, please contact your dealer.

- LOXJIE D30 2024 Unit
- Remote Control
- Power Cord
- USB Cable
- User Manual (this document)

## 3. PRODUCT OVERVIEW

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### 3.1 Front Panel

2024 MAJOR UPGRADE, NEW DECODING CHIP

## ES 9039 Q2M D/A chip

ESS's 32bit stereo audiophile DAC chip with MQA full decoding will provide performance that will satisfy demanding audio enthusiasts.

Carefully tuned performance and sound, THD+N as low as 0.00008%(-121dB)



**Image:** Front view of the LOXJIE D30 2024, showing the display screen, 6.35mm headphone jack, and multi-function knob. The display shows current input, sample rate, and volume level.

1. **Display:** Shows current input source, sample rate, volume level, and other operational information.
2. **6.35mm Headphone Jack:** Connect your headphones here.
3. **Knob (Volume/Menu):** Rotate to adjust volume. Press to access menu options or confirm selections.

### 3.2 Rear Panel



**Image:** Rear view of the LOXJIE D30 2024, illustrating the various input and output ports including RCA outputs, Optical, Coaxial, USB inputs, Bluetooth antenna, and power input with switch.

1. **RCA Outputs (L/R):** Connect to active speakers or a power amplifier.
2. **Optical Input:** Connect digital audio sources via optical cable.
3. **Coaxial Input:** Connect digital audio sources via coaxial cable.
4. **USB Input:** Connect to a computer or other USB audio source.
5. **Bluetooth Antenna:** For wireless audio reception. Ensure it is securely attached.
6. **AC IN (100-240V):** Power input for the included power cord.
7. **Power Switch:** Turns the unit on or off.

## 4. SETUP

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### 4.1 Initial Connection

1. **Attach Bluetooth Antenna:** Screw the provided Bluetooth antenna onto the designated connector on the rear panel.
2. **Connect Audio Source:** Choose your desired input (USB, Optical, Coaxial) and connect the corresponding cable from your audio source to the D30 2024.
3. **Connect Output Device:**
  - For headphones, plug your 6.35mm headphone jack into the front panel.
  - For active speakers or a power amplifier, connect RCA cables from the D30 2024's RCA outputs to your speakers/amplifier.
4. **Connect Power:** Plug the power cord into the AC IN port on the rear panel, then plug the other end into a suitable wall outlet.

### 4.2 Powering On/Off

Flip the power switch on the rear panel to the 'ON' position to power on the device. Flip it to 'OFF' to power off.

## 5. OPERATING INSTRUCTIONS

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## 5.1 Input Selection

Use the remote control or press the front panel knob to cycle through available input sources (USB, Optical, Coaxial, Bluetooth).

## 5.2 Volume Control

Rotate the front panel knob clockwise to increase volume and counter-clockwise to decrease volume. The volume level is displayed on the screen. Volume levels for headphone output and line output are independent and switch accordingly when changing output modes.

## 5.3 Output Mode Selection

The D30 2024 features separate headphone and line outputs. You can switch between these output modes using the remote control. The 'fixed' mode for line output provides up to 2.0Vrms, suitable for driving active speakers.

## 5.4 PCM Filter Settings

# Massive upgrade in headphone amp power!

Headphone power of 1.5W x 2 (32Ω) effortlessly drives a variety of high-impedance headphones, perfectly blending the intricacy and power of the music

Headphone output  
HP -99dB

RCA output  
RCA -0dB

**Image:** A graph illustrating the frequency response characteristics of 7 different PCM filters (FL1, FL2, FL3, FL4, FL5, FL6, FL7) available on the LOXJIE D30 2024, allowing users to customize audio output.

The D30 2024 includes 7 built-in PCM filters. These filters allow you to customize the audio output according to your preference. Access filter settings via the menu (usually by pressing the knob) and select the desired filter. Refer to the display for current filter selection.

## 6. KEY FEATURES

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- **High-Power Headphone Amplifier:** Delivers 1.5W x 2 (at 32  $\Omega$ ) to effortlessly drive a wide range of high-impedance headphones, ensuring strong and pure audio signals.
- **Advanced DAC Chip:** Equipped with the ES 9039 Q2M decoding chip, a 32-bit stereo audiophile DAC, providing MQA full decoding for demanding audio enthusiasts.
- **Ultra-Low Distortion:** Carefully tuned performance results in distortion as low as 0.00008% (-121dB) and a dynamic range of up to 125dB.
- **High-Resolution Audio Support:** Supports hard decoding DSD512 and PCM up to 32bit/768kHz.
- **Customizable PCM Filters:** Features 7 built-in PCM filters for faithful reproduction of original sound and user-defined audio customization.
- **Flexible Output Modes:** Independent volume control for headphone amplifier output and line output. 'Fixed' mode for line output (up to 2.0Vrms) for active speakers.
- **Multiple Inputs:** USB, Optical, Coaxial, and Bluetooth inputs for versatile connectivity.
- **Bluetooth Functionality:** Supports apt-X HD, SBC, and AAC codecs for high-quality wireless audio streaming.

## 7. SPECIFICATIONS

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Feature	Specification
Model Number	D30 2024
DAC Chip	ES 9039 Q2M
Headphone Amplifier Power	1.5W x 2 (32 Ω)
DSD Decoding	DSD512 (Hard Decoding)
PCM Decoding	32bit/768kHz
MQA Support	Full Decoding
THD+N	0.00008% (-121dB)
Dynamic Range	Up to 125dB
Inputs	USB, Optical, Coaxial, Bluetooth
Outputs	6.35mm Headphone Jack, RCA Line Out
Line Out Level (Fixed Mode)	2.0Vrms
Bluetooth Codecs	apt-X HD, SBC, AAC
Package Dimensions	10.63 x 9.06 x 2.76 inches
Item Weight	2.2 pounds

## 8. TROUBLESHOOTING

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If you encounter issues with your LOXJIE D30 2024, please refer to the following common problems and solutions:

- **No Sound Output:**

- Ensure the unit is powered on and the correct input source is selected.
- Check all cable connections (input and output) are secure.
- Verify the volume level is not set to minimum or muted.
- If using USB, ensure the correct audio output device is selected on your computer.

- **Distorted Sound:**

- Check if the input source signal is too strong or too weak.
- Ensure cables are not damaged or poorly connected.
- Try a different audio source or cable to isolate the problem.

- **Bluetooth Connection Issues:**

- Ensure the Bluetooth antenna is securely attached.
- Make sure the D30 2024 is in Bluetooth input mode.
- Ensure your source device's Bluetooth is enabled and within range.
- Try unpairing and re-pairing the device.

- **Remote Control Not Working:**

- Check if the batteries are correctly inserted and not depleted.
- Ensure there are no obstructions between the remote and the D30 2024.

## 9. MAINTENANCE

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To ensure the longevity and optimal performance of your LOXJIE D30 2024, follow these maintenance guidelines:

- **Cleaning:** Use a soft, dry cloth to clean the exterior of the unit. Avoid using abrasive cleaners, solvents, or chemical sprays.
- **Placement:** Place the unit on a stable, flat surface away from direct sunlight, heat sources, and excessive moisture. Ensure adequate ventilation around the device.
- **Power Off:** Always power off the unit when not in use for extended periods.
- **Avoid Liquids:** Do not expose the unit to water or other liquids.

## 10. WARRANTY AND SUPPORT

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LOXJIE products are designed and manufactured to the highest quality standards. This product is covered by a limited warranty from the date of purchase. For specific warranty terms and conditions, please refer to the warranty card included with your product or visit the official LOXJIE website.

For technical support, service, or inquiries, please contact your authorized LOXJIE dealer or LOXJIE customer service through their official channels. Please have your product model and purchase information ready when contacting support.

**LOXJIE Official Store:** Visit [LOXJIE Store on Amazon](#)