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Douk Audio DZ044DY_B

Douk Audio Tone Bluetooth 5.0 Power Amplifier User Manual

Model: DZ044DY_B

Introduction

Thank you for choosing the Douk Audio Tone Bluetooth 5.0 Power Amplifier. This compact and versatile audio device is designed to enhance your home audio experience, functioning as a speaker amplifier, headphone amplifier, wireless receiver, and PC sound card. It offers multiple input and output options, delivering clear Hi-Fi sound. Please read this manual carefully to ensure proper setup and operation.

Key Features

- **Multi-functional Design:** Operates as a Bluetooth speaker amplifier, headphone amplifier, wireless receiver, or PC sound card.
- **Multiple Inputs:** Supports RCA, 3.5mm AUX, USB, and Bluetooth 5.0 connectivity. The USB port is compatible with computers (driver-free) and phones (with OTG function).
- **Powerful Output:** Delivers 100W (50W x 2) of power, capable of driving most home speakers and headphones with clear, Hi-Fi sound and minimal noise.
- **Integrated Design:** Features a compact, integrated aluminum case with a mirror panel and LED display.
- **Intuitive Controls:** Volume knob utilizes encoders for precise adjustment without noise and can be pressed to select input modes. The power button also functions as a play/pause control.
- **Visual Feedback:** Integrated VU meters on the front panel provide dynamic visual feedback to the music.

Product Overview

Familiarize yourself with the various components and connections of your Douk Audio Tone amplifier.

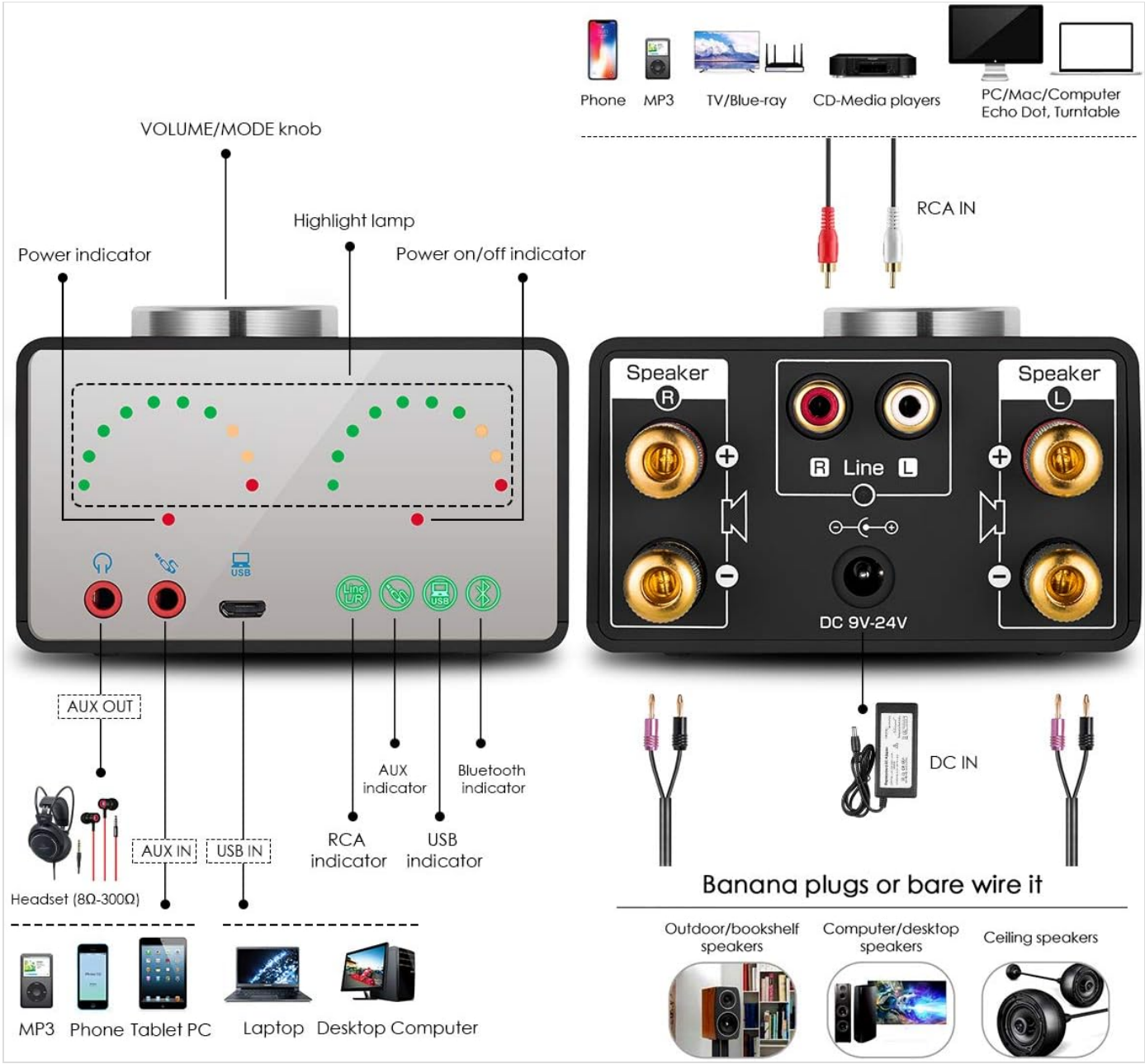


Image Description: A detailed diagram showing the front and rear panels of the Douk Audio Tone amplifier. The front panel includes the volume/mode knob, power button, headphone output, AUX input, USB input, and LED indicators for power, AUX, USB, and Bluetooth. The rear panel shows the speaker terminals (left and right), RCA line input, and DC power input. Various connection examples for headphones, MP3 players, phones, laptops, desktop computers, and different types of speakers are also illustrated.

Front Panel Controls and Indicators:

- **Volume/Mode Knob:** Rotate to adjust volume. Press to cycle through input modes (RCA, AUX, USB, Bluetooth).
- **Power Button:** Press to turn the unit on/off. Also functions as play/pause in certain modes.
- **Headphone Output (3.5mm):** Connect headphones.
- **AUX Input (3.5mm):** Connect external audio devices via 3.5mm cable.
- **USB Input (Type-C):** Connect to a computer or OTG-enabled phone for digital audio.
- **LED Indicators:** Display current input mode (RCA, AUX, USB, Bluetooth) and power status. VU meters provide visual audio level feedback.

Rear Panel Connections:

- **Speaker Terminals (L/R):** Connect passive speakers using banana plugs or bare wire.
- **RCA Line Input (L/R):** Connect audio sources like CD players, TVs, or turntables (requires a phono preamp for

turntables).

- **DC 9V-24V Power Input:** Connect the provided power adapter.

Setup Instructions

Follow these steps to set up your Douk Audio Tone amplifier:

1. **Connect Speakers:** Connect your passive speakers to the speaker terminals on the rear panel. Ensure correct polarity (+ to + and - to -) for both left and right channels. You can use banana plugs or bare speaker wire.
2. **Connect Audio Source:**
    - **RCA Input:** Connect your audio source (e.g., CD player, TV) to the RCA L/R inputs on the rear panel.
    - **AUX Input:** Connect your audio source (e.g., smartphone, MP3 player) to the 3.5mm AUX input on the front panel.
    - **USB Input:** Connect the amplifier to your computer or OTG-enabled phone using a USB cable. No drivers are typically required for computers.
    - **Bluetooth:** For wireless connection, ensure no other wired inputs are active and proceed to the "Operating Instructions" for pairing.
3. **Connect Power:** Plug the provided power adapter into the DC 9V-24V input on the rear panel, then plug the adapter into a wall outlet.
4. **Power On:** Press the power button on the front panel to turn on the amplifier. The LED indicators will illuminate.



Image Description: A front-angle view of the black Douk Audio Tone amplifier, showcasing its compact size, the large silver volume/mode knob, red power button, and the LED display with VU meters.

Operating Instructions

Power On/Off:

- Press the red power button once to turn the unit on.
- Press and hold the red power button for a few seconds to turn the unit off.

Volume Control:

- Rotate the large silver knob clockwise to increase volume.
- Rotate the large silver knob counter-clockwise to decrease volume.

Input Selection:

- Press the large silver knob (Volume/Mode knob) to cycle through available input sources: RCA, AUX, USB, and Bluetooth. The corresponding LED indicator on the front panel will light up.

Bluetooth Pairing:

To connect a Bluetooth device:

1. Ensure the amplifier is powered on and set to Bluetooth input mode (the Bluetooth LED indicator will be active).
2. On your mobile device or computer, enable Bluetooth and search for available devices.
3. Select "Douk Audio Tone" (or similar name) from the list of devices to pair.
4. Once paired, the Bluetooth indicator will remain steady, and you can play audio wirelessly.



Image Description: The Douk Audio Tone amplifier shown in a living room setting, connected wirelessly via Bluetooth to a smartphone, with a laptop and speakers also visible. The image highlights the Bluetooth 5.0 capability.

Headphone Use:

- Plug your headphones into the 3.5mm headphone output jack on the front panel.
- Adjust the volume using the main volume knob.

Maintenance

- **Cleaning:** Use a soft, dry cloth to clean the exterior of the amplifier. Avoid using liquid cleaners or solvents, as they may damage the finish or internal components.

- **Ventilation:** Ensure the amplifier has adequate ventilation. Do not block any vents or place the unit in an enclosed space that could lead to overheating.
- **Storage:** When not in use for extended periods, disconnect the power adapter and store the unit in a cool, dry place.

Troubleshooting

Problem	Possible Cause	Solution
No power	Power adapter not connected or faulty; unit not turned on.	Ensure power adapter is securely connected to the unit and wall outlet. Press the power button to turn on. Test with another power outlet.
No sound from speakers	Incorrect input selected; speaker wires loose or incorrectly connected; volume too low; audio source issue.	Press the mode knob to select the correct input. Check speaker wire connections and polarity. Increase volume. Verify audio source is playing and connected correctly.
No sound from headphones	Headphones not fully plugged in; volume too low; headphone issue.	Ensure headphones are fully inserted. Increase volume. Test headphones with another device.
Bluetooth not connecting	Amplifier not in Bluetooth mode; device not in pairing mode; interference.	Ensure amplifier is set to Bluetooth input. Put your device in pairing mode and search for "Douk Audio Tone". Try restarting both devices. Move closer to the amplifier.
Distorted sound	Volume too high; faulty cables; impedance mismatch with speakers.	Reduce volume. Check and replace audio cables if necessary. Ensure speakers are within the recommended impedance range for the amplifier.

Specifications

- **Model:** DZ044DY_B
- **Output Power:** 50W x 2 (100W total)
- **Bluetooth Version:** 5.0
- **Inputs:** RCA, 3.5mm AUX, USB, Bluetooth
- **Outputs:** Speaker terminals (L/R), 3.5mm Headphone output
- **Power Supply:** DC 9V-24V
- **Dimensions:** Approximately 88 x 70 x 52 mm (3.46 x 2.76 x 2.05 inches)
- **Item Weight:** 1.28 pounds
- **Manufacturer:** Nobsound
- **ASIN:** B07HR7PRV5



Image Description: The Douk Audio Tone amplifier shown on a desk next to a computer monitor, with an overlay indicating its compact dimensions: 88*70*52mm.

Warranty and Support

For warranty information and technical support, please refer to the official Douk Audio website or contact your retailer. You can also visit the Douk Audio Store on Amazon for additional product information and support resources.

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