**Saved from manuals.plus.**
**Open the live page for links to other documents and user manuals.**



## Nobsound M8

# DOUK AUDIO M8 6K4 QCC3003 HiFi Bluetooth 5.0 Vacuum Tube Desktop Stereo Power Amplifier User Manual

Model: M8

### 1. Introduction

Thank you for purchasing the Nobsound DOUK AUDIO M8 Vacuum Tube Desktop Stereo Power Amplifier. This manual provides essential information for the safe and efficient operation of your device. Please read it thoroughly before use and retain it for future reference.




*Image 1.1: Front view of the DOUK AUDIO M8 amplifier, showcasing its vacuum tubes and control knobs.*

## 2. Product Features

- **Versatile Audio Inputs:** Equipped with Bluetooth 5.0, stereo RCA, and 3.5mm AUX inputs, supporting audio signals from various devices. The QCC3003 Bluetooth chip ensures lossless, high-speed transmission, significantly enhancing sound quality.
- **HiFi Sound with Vacuum Tubes:** Utilizes vacuum tubes to filter out digital sound noise. This design enhances richness and presence, delivering a warm and sweet sound performance.
- **Powerful Output and Low Distortion:** Features a TPA3116 amplifier chip, providing a maximum output of 50W + 50W (4Ω load). Its ultra-low distortion suppresses noise within the audible range, reproducing clear sound with a wide dynamic range.
- **Individual Treble and Bass Adjustment:** Treble and bass levels can be adjusted independently, allowing for sound optimization based on personal preferences and music genres. Ideal for home and desktop audio systems.
- **Compact and Elegant Design:** A small and lightweight body with LED indicators to show real-time operation status and input switches. High-precision crystal oscillators and high-quality relays provide speaker and power protection.

## 3. Package Contents

Please check the package for the following items:

- 1 x DOUK AUDIO M8 Amplifier
- 2 x 6K4 Vacuum Tubes
- 1 x 19V Power Supply
- 1 x Bluetooth Antenna




*Image 3.1: All components included in the DOUK AUDIO M8 package.*

## 4. Setup Instructions

1. **Install Vacuum Tubes:** Carefully insert the two 6K4 vacuum tubes into their respective sockets on the top of the amplifier. Ensure they are seated firmly but do not force them.
2. **Connect Speakers:** Connect your passive speakers to the speaker output terminals on the rear panel. Ensure correct polarity (red to red, black to black).

3. **Connect Audio Source:**
    - **Bluetooth:** Attach the Bluetooth antenna to the BT connector on the rear panel.
    - **RCA:** Connect your audio source (e.g., CD player, DAC) to the RCA AUX-2 inputs using an RCA cable.
    - **3.5mm AUX:** Connect your audio source (e.g., smartphone, PC) to the 3.5mm AUX-1 input using a 3.5mm audio cable.
4. **Connect Power:** Connect the 19V power adapter to the DC 19V input on the rear panel, then plug the adapter into a wall outlet.




*Image 4.1: Rear panel connections for speakers, audio inputs, and power.*

## 5. Operating Instructions

1. **Power On/Off:** Turn the volume knob clockwise to power on the amplifier. The vacuum tubes will glow, and the input indicator LEDs will light up. Turn the volume knob counter-clockwise until it clicks to power off.
2. **Input Selection:** Use the toggle switches on the front panel to select your desired audio input (BT/AUX-1 or AUX-1/AUX-2). The corresponding LED will illuminate.

3. **Volume Control:** Adjust the large VOLUME knob on the front panel to control the overall output volume.
4. **Treble and Bass Adjustment:** Use the TRE (Treble) and BASS knobs to fine-tune the high and low frequencies according to your preference.
5. **Bluetooth Pairing:**
    - Select the BT input using the toggle switch.
    - On your device (smartphone, tablet, etc.), enable Bluetooth and search for available devices.
    - Select "DOUK AUDIO M8" from the list to pair. Once paired, the Bluetooth indicator LED will remain steady.




*Image 5.1: Front panel controls including input selectors, volume, treble, and bass knobs.*

## 6. Maintenance

- **Cleaning:** Use a soft, dry cloth to clean the amplifier. Do not use liquid cleaners or abrasive materials.
- **Vacuum Tube Replacement:** Vacuum tubes have a finite lifespan. If sound quality degrades or tubes fail, they can be replaced. Ensure the amplifier is powered off and unplugged before handling tubes. Allow tubes to cool completely before removal.

- **Ventilation:** Ensure adequate ventilation around the amplifier to prevent overheating. Do not block ventilation openings.
- **Storage:** Store the amplifier in a cool, dry place away from direct sunlight and extreme temperatures.

## 7. Troubleshooting

| Problem | Possible Cause | Solution |
|---|---|---|
| No sound output | • Power not connected or turned on.<br>• Incorrect input selected.<br>• Speakers not connected or faulty.<br>• Volume too low. | • Check power connection and turn on.<br>• Select the correct input source.<br>• Verify speaker connections and test speakers.<br>• Increase volume. |
| Distorted sound | • Volume too high.<br>• Faulty audio source.<br>• Damaged speakers or cables.<br>• Vacuum tubes not seated correctly or faulty. | • Reduce volume.<br>• Test with a different audio source.<br>• Check speaker cables and speakers.<br>• Reseat or replace vacuum tubes. |
| Bluetooth pairing issues | • Amplifier not in pairing mode.<br>• Device too far from amplifier.<br>• Interference. | • Ensure BT input is selected.<br>• Move device closer to amplifier.<br>• Reduce other wireless device interference. |
| Bluetooth Left/Right channels reversed | This is a known characteristic for some units when using Bluetooth input. | Swap the left and right speaker cables at the amplifier output terminals. This will correct the channel orientation for Bluetooth input. For other inputs (RCA, AUX), you may need to swap them back if those inputs are correctly oriented. |

## 8. Specifications

| Feature | Specification |
|---|---|
| Brand | Nobsound |
| Model Number | M8 |
| Item Weight | 940 g |
| Package Dimensions | 38 x 21.2 x 8.2 cm |
| Plug Type | Tabletop |

| Feature | Specification |
| --- | --- |
| Batteries Included | No |
| Batteries Required | No |
| Max Supply Voltage | 19 Volts |
| Min Power Voltage | 19 Volts |
| Mounting Type | Tabletop |
| ASIN | B09F9D8Q73 |

## 9. Warranty and Support

For warranty information and technical support, please refer to the documentation provided with your purchase or contact the manufacturer directly. Keep your proof of purchase for any warranty claims.

© 2023 Nobsound. All rights reserved.

## 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

**Open the live page**

**https://manuals.plus/asin/B09F9D8Q73**

More documents and user manuals: **https://manuals.plus/**