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› Douk Audio F5 Pure Class A HiFi Vacuum Tube Amplifier User Manual

Douk Audio F5 Pure Class A

Douk Audio F5 Pure Class A HiFi Vacuum Tube Amplifier

User Manual - Model: F5 Pure Class A

1. INTRODUCTION

The Douk Audio F5 Pure Class A HiFi Vacuum Tube Amplifier is designed to deliver a warm, rich, and detailed audio experience for your home audio system. This manual provides essential information for setting up, operating, maintaining, and troubleshooting your amplifier to ensure optimal performance and longevity.

2. WHAT'S IN THE BOX

Please check the contents of your package. If any items are missing or damaged, contact Douk Audio customer support.

- 1 * Tube Amplifier
- 1 * Power Cord

PACKING LIST



Figure 2.1: Contents of the Douk Audio F5 package, including the amplifier, power cord, and vacuum tubes.

3. PRODUCT FEATURES AND COMPONENTS

Familiarize yourself with the various parts and features of your Douk Audio F5 amplifier.



Figure 3.1: Front view of the Douk Audio F5 amplifier, showcasing its elegant design and visible vacuum tubes.



Figure 3.2: Detailed view of the front panel controls, including the Power Switch Knob (left) and Volume Knob (right).



Figure 3.3: Rear panel connections, highlighting the dual RCA inputs (CD/AUX), input selector button, speaker outputs, and AC power input.

Detailed Component Views:



Vacuum Tubes



Power Switch Knob



Volume Knob



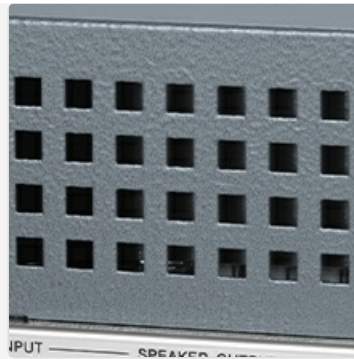
RCA Inputs



Speaker Outputs



AC Power Input



Ventilation Grille

4. SETUP

1. **Placement:** Place the amplifier on a stable, flat surface with adequate ventilation. Ensure there is enough space around the unit for heat dissipation, as Class A amplifiers generate heat.
2. **Connect Speakers:** Connect your passive speakers to the appropriate speaker output terminals on the rear panel. Match the impedance of your speakers (4Ω or 8Ω) to the corresponding terminals. Use the 0Ω terminal for the negative connection. Ensure secure connections to prevent short circuits.
3. **Connect Audio Source:** Connect your audio source (e.g., CD player, phone, TV) to either the "CD" or "AUX" RCA input jacks on the rear panel using appropriate RCA cables.
4. **Connect Power:** Insert the provided power cord into the AC Power Input on the rear panel of the amplifier, then plug the other end into a suitable wall outlet (110V AC).



Figure 4.1: Example setup of the Douk Audio F5 amplifier connected to speakers in a home environment.

5. OPERATING INSTRUCTIONS

1. **Power On:** Turn the Power Switch Knob on the front panel to the "ON" position. The vacuum tubes will begin to glow, indicating the amplifier is warming up. Allow at least 30 minutes for the tubes to warm up and stabilize for optimal sound quality.
2. **Select Input:** Press the CD/AUX Input Select Button on the rear panel to choose between your connected audio sources.
3. **Adjust Volume:** Slowly turn the Volume Knob clockwise to increase the sound level. Start with a low volume and gradually increase it to a comfortable listening level.
4. **Power Off:** When finished listening, turn the Volume Knob counter-clockwise to the minimum setting, then turn the Power Switch Knob to the "OFF" position.

6. MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to clean the amplifier's chassis. Do not use liquid cleaners or abrasive materials.
- **Tube Replacement:** The vacuum tubes have a finite lifespan. If you notice a degradation in sound quality or if a tube fails, they can be replaced. Ensure the amplifier is powered off and unplugged, and the tubes have cooled down before attempting replacement. Refer to specialized guides for proper tube handling and replacement procedures.
- **Ventilation:** Ensure the ventilation grilles on the amplifier are not obstructed to prevent overheating. Regularly check for dust buildup and gently clean if necessary.
- **Vibration Dampening:** Some users have reported that the metal housing can resonate. If you experience unwanted ringing or chimes, consider placing a silicone pad or other dampening material under the amplifier to reduce vibrations.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
No sound output	◦ Amplifier not powered on. ◦ Incorrect input selected. ◦ Volume too low. ◦ Speaker cables loose or incorrectly connected. ◦ Faulty audio source or cable.	◦ Ensure power switch is ON and tubes are glowing. ◦ Press the input select button to cycle inputs. ◦ Increase volume gradually. ◦ Check all speaker connections for tightness and correct polarity. ◦ Test with a different audio source or cable.
Distorted sound	◦ Volume too high. ◦ Improper speaker impedance match. ◦ Faulty vacuum tubes. ◦ Vibrations from the amplifier housing.	◦ Reduce volume. ◦ Ensure speakers are connected to the correct impedance terminals (4Ω or 8Ω). ◦ Consider replacing tubes if they are old or damaged. ◦ Place dampening material under the amplifier.
Amplifier not turning on / Loud pop noise on startup	◦ Power cord not fully inserted. ◦ Internal component failure.	◦ Check power cord connection at both ends. ◦ If the issue persists, contact customer support. Do not attempt to repair internal components yourself.

8. SPECIFICATIONS

Feature	Detail
Brand	Douk Audio

Feature	Detail
Model Number	F5 Pure Class A
Output Power	6W + 6W
Vacuum Tubes	6N1, 6L6
Input Interface	Dual Stereo RCA (CD, AUX)
Output Interface	Speaker Outputs (8Ω, 4Ω, 0Ω)
Power Transformer	150W
Ultra-Linear Output Transformer	15W
Voltage	110 Volts (AC)
Number of Channels	2
Mounting Type	Freestanding
Item Weight	17.6 pounds (approx. 8 kg)
Package Dimensions	12.8 x 12.6 x 10.91 inches
Compliance	FCC

9. WARRANTY AND SUPPORT

Douk Audio products are designed for reliability and performance. For warranty information, technical support, or service inquiries, please visit the official Douk Audio website or contact their customer service department.
Official Douk Audio Store: [Douk Audio Store on Amazon](#)

