

Manuals+

[Q & A](#) | [Deep Search](#) | [Upload](#)

manuals.plus /

> [Douk Audio](#) /

> [Douk Audio G5 100W Bluetooth 5.0 2-Channel Mini Digital Stereo Audio Power Amplifier User Manual](#)

Douk Audio G5

Douk Audio G5 Mini Digital Stereo Amplifier

Model: G5 (DZ076_H)

INTRODUCTION

This manual provides detailed instructions for the proper setup, operation, maintenance, and troubleshooting of your Douk Audio G5 Mini Digital Stereo Amplifier. Please read this manual thoroughly before using the device to ensure optimal performance and safety.

PRODUCT FEATURES

- **Compact Design:** Small footprint suitable for various setups.
- **High Power Output:** Delivers up to 50W per channel (100W total) into 4 Ohm speakers.
- **Bluetooth 5.0 Connectivity:** Features a Qualcomm 3003 Bluetooth chip for wireless audio streaming.
- **Multiple Audio Inputs:** Supports 3.5mm AUX input and Bluetooth input.
- **Quality Components:** Utilizes TPA3116 power amplifier chip and NE5532 op-amp chips.
- **Speaker Outputs:** Compatible with banana plugs or bare speaker wire.

PACKING LIST

Upon unpacking, please verify that all items listed below are present and in good condition:

- 1x Douk Audio G5 Power Amplifier
- 1x 19V Power Adapter

PACKING LIST

Net Weight: 255g/0.56lb

Package Weight: 460g/1.01lb

1*G5 Power Amplifier

1*19V Power Adapter



This image provides the physical dimensions of the Douk Audio G5 amplifier: approximately 105mm (4.13in) in length, 85mm (3.35in) in width, and 30mm (1.18in) in height. It also lists the packing contents: one G5 Power Amplifier and one 19V Power Adapter.

SETUP INSTRUCTIONS

1. Connecting Speakers

Connect your passive speakers to the speaker output terminals on the rear panel of the G5 amplifier. Ensure correct polarity (+ to + and - to -) for each speaker. The terminals support both banana plugs and bare speaker wire.

2. Connecting Audio Source

- **3.5mm AUX Input:** Connect your audio source (e.g., smartphone, tablet, PC, CD player) to the 3.5mm AUX input jack on the rear panel using a 3.5mm audio cable.
- **Bluetooth Input:** Ensure the Bluetooth antenna is securely attached to the connector on the rear panel.

3. Connecting Power

Connect the provided 19V power adapter to the DC 15V-24V power input jack on the rear panel of the

amplifier, then plug the adapter into a suitable power outlet.



The rear panel of the Douk Audio G5 amplifier features the input and output connections. On the left, the 3.5mm AUX input and Bluetooth antenna connector are visible. The center has speaker output terminals for left and right channels, compatible with banana plugs or bare wire. On the right is the DC 15V-24V power input.

MAX OUTPUT POWER 50W*2

Adopting TPA3116 chip whose max output power can reach 50W*2, no audible noise and pop even at high power output, default 19V power supply is enough for most home bookshelf/ computer/ desktop passive speakers.



The Douk Audio G5 amplifier is shown here powering two bookshelf speakers, emphasizing its ability to deliver up to 100W (50W x 2) of output power. The image suggests a typical home audio setup.

OPERATING INSTRUCTIONS

1. Power On/Off and Volume Control

The large knob on the front panel controls both power and volume. Rotate the knob clockwise from the 'Min' position to turn on the amplifier and increase the volume. Rotate counter-clockwise to decrease volume and turn off the amplifier.



This image displays the front panel of the Douk Audio G5 amplifier. On the left, a blue LED serves as the power indicator. The large knob on the right functions as both the power switch and volume control, rotating from minimum (Min) to maximum (Max) volume.

2. Bluetooth Pairing

1. Ensure the amplifier is powered on.
2. On your Bluetooth-enabled device, search for available Bluetooth devices.
3. Select "Douk Audio G5" (or similar name) from the list to pair.
4. Once paired, the amplifier will play audio from your device.

Note: The Bluetooth connection remains active. If an AUX cable is connected, the amplifier will prioritize the Bluetooth audio if a Bluetooth device is actively paired and playing. To switch to AUX input, you must disconnect the Bluetooth device from the amplifier's pairing list.

3. AUX Input Usage

Connect your audio source to the 3.5mm AUX input. If a Bluetooth device is currently paired and playing, disconnect it from your device's Bluetooth settings to allow the AUX input to become active.

3.5 MM AUX/BLUETOOTH INPUT

Besides 3.5mm AUX input, it also supports Bluetooth 5.0 achieving faster transmission speed, more stable signal and lower consumption. Compatible with most home audio devices like iPod, Phone, tablet PC, computers, MP3 players, TV, Echo Dot, CD players and so on.



This image illustrates the versatility of the Douk Audio G5 amplifier, showing it connected to a laptop via Bluetooth 5.0 and a smartphone via AUX input. It highlights the amplifier's compatibility with various devices such as phones, tablets, MP3 players, TVs, and computers.

MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to clean the exterior of the amplifier. Avoid using liquid cleaners or solvents.
- **Ventilation:** Ensure the amplifier has adequate ventilation. Do not block any vents or place it in an enclosed space.
- **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
---------	----------------	----------

Problem	Possible Cause	Solution
No power indicator light	Power adapter not connected or faulty; power outlet not active; amplifier turned off.	Check power adapter connection to amplifier and outlet. Ensure outlet is functional. Rotate volume knob clockwise to turn on.
No sound output	Volume too low; incorrect input selected; speaker connections loose; audio source issue.	Increase volume. Ensure Bluetooth device is disconnected if using AUX, or ensure Bluetooth is paired if using Bluetooth. Check all speaker wire connections. Verify audio source is playing.
Distorted sound	Volume too high; poor audio source quality; speaker impedance mismatch; faulty cable.	Reduce volume. Use a high-quality audio source. Ensure speakers are within recommended impedance range (4-8 Ohm). Try a different audio cable.
Bluetooth connection issues	Device too far; interference; amplifier not in pairing mode (always on).	Move device closer to the amplifier. Reduce interference from other wireless devices. Ensure no other device is currently connected to the amplifier via Bluetooth.
Sound cuts out at high volume	Overload protection activated; insufficient power supply; speaker impedance too low.	Reduce volume. Ensure the power supply is the original 19V adapter. Verify speaker impedance is not below 4 Ohms.

SPECIFICATIONS

Feature	Detail
Model Number	DZ076_H (G5)
Brand	Douk Audio
Output Power	50 Watts x 2 (into 4 Ohm)
Number of Channels	2
Bluetooth Version	5.0 (Qualcomm 3003 Chip)
Audio Inputs	3.5mm AUX, Bluetooth
Power Amplifier Chip	TPA3116
Op-Amp Chip	NE5532
Minimum Supply Voltage	15 Volts (DC)
Maximum Supply Voltage	24 Volts (DC)
Recommended Power Supply	19V 4.74A (included)
Item Weight	1.32 pounds (approx. 0.6 kg)

Feature	Detail
Package Dimensions	7.72 x 7.2 x 2.24 inches (approx. 19.6 x 18.3 x 5.7 cm)

WARRANTY INFORMATION

Douk Audio products are covered by a limited warranty against defects in materials and workmanship. For specific warranty terms and conditions, please refer to the warranty card included with your product or contact Douk Audio customer support.

CUSTOMER SUPPORT

If you encounter any issues or have questions regarding your Douk Audio G5 amplifier that are not addressed in this manual, please contact Douk Audio customer support through their official website or the platform where you purchased the product. Please have your model number (G5 or DZ076_H) and purchase details ready.