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› Fosi Audio ZK-1002D Mini Bluetooth Stereo Amplifier User Manual

Fosi Audio ZK1002D

Fosi Audio ZK-1002D Mini Bluetooth Stereo Amplifier User Manual

Model: ZK-1002D

1. INTRODUCTION

The Fosi Audio ZK-1002D is a compact and versatile mini Bluetooth stereo amplifier designed to deliver high-fidelity audio. Featuring dual TPA3116D2 chips, it provides 100W x 2 output power, making it suitable for passive speakers. Its multiple input options, including Bluetooth 5.0, 3.5mm AUX, and USB, ensure broad compatibility with various audio sources. This manual will guide you through the setup, operation, and maintenance of your ZK-1002D amplifier.

Max Output Power 100W+100W

Built-in 2 TPA3116D2, crafted for high-fidelity music enthusiasts



A compact Fosi Audio ZK-1002D amplifier positioned between two passive speakers, demonstrating its small footprint and integration into an audio setup.

2. PACKAGE CONTENTS

Please check the package for the following items:

- Fosi Audio ZK-1002D Bluetooth Power Amplifier x 1
- DC19V Power Adapter x 1
- Power Cord x 1

Qu'y a-t-il dans la boîte?



Fosi Audio ZK-1002D ×1



Cordon secteur ×1



Alimentation cc 19 V ×1

An image displaying the items included in the product package: the Fosi Audio ZK-1002D amplifier, a power cord, and a DC19V power adapter.

3. PRODUCT OVERVIEW

Familiarize yourself with the amplifier's controls and connections.

Product Details



A detailed diagram showing the front panel with Power Switch, USB Input, 3.5mm AUX Input, and Volume Control, and the rear panel with Left/Right Passive Speaker Outputs and DC9-24V Power Input.

Front Panel

- **Power Switch:** Turns the unit on or off.
- **USB Input:** Connects to a computer for audio playback.
- **AUX Input:** 3.5mm jack for analog audio sources.
- **Volume Control:** Adjusts the output volume.

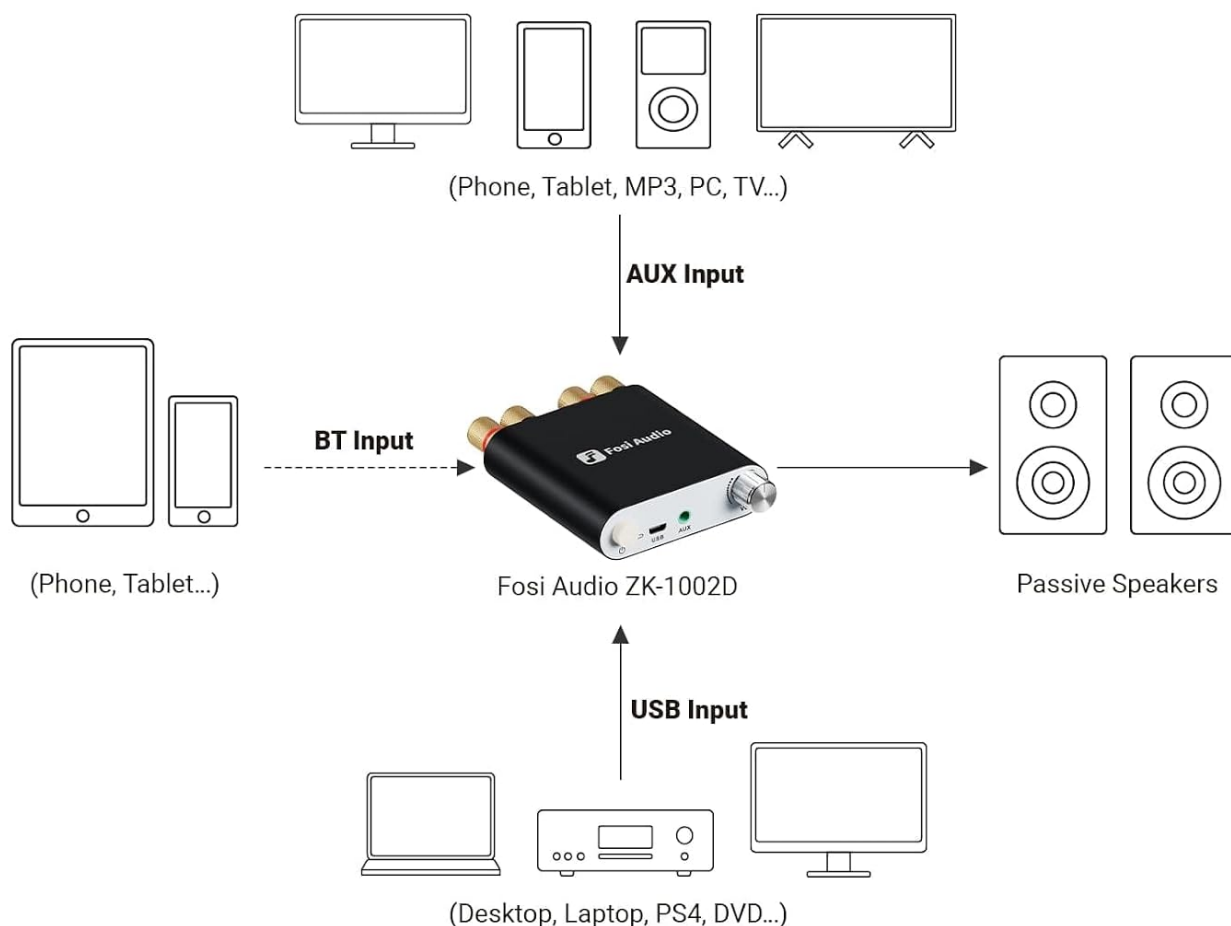
Rear Panel

- **DC9-24V Input:** Power input for the amplifier.
- **Left Passive Speaker Output:** Connects to the left passive speaker.
- **Right Passive Speaker Output:** Connects to the right passive speaker.

4. SETUP AND CONNECTIONS

Follow these steps to set up your Fosi Audio ZK-1002D amplifier.

Easily Fits Your Audio System



A visual guide demonstrating how to connect different audio sources (phone, tablet, PC, MP3, TV via AUX; phone, tablet via Bluetooth; desktop, laptop, PS4, DVD via USB) to the ZK-1002D amplifier and then to passive speakers.

1. **Connect Speakers:** Connect your passive speakers to the Left and Right Passive Speaker Output terminals on the rear panel. Ensure correct polarity (+ to + and - to -). *Note: This amplifier is compatible only with passive speakers. Do not connect active speakers.*
2. **Connect Power:** Connect the DC19V power adapter to the DC9-24V input on the rear panel, then plug the power cord into a wall outlet.
3. **Select Input Source:** Choose your desired input method: Bluetooth, AUX, or USB.

5. OPERATING INSTRUCTIONS

The ZK-1002D offers multiple ways to connect and play audio.

3 Connection Methods

Effortless and rapid Bluetooth connection for various audio demands



Three panels illustrating the versatile connection options of the ZK-1002D: Bluetooth pairing with a smartphone, USB connection to a computer, and AUX input from an audio source.

5.1 Bluetooth Connection

1. Ensure no AUX cable is connected, as the amplifier automatically prioritizes AUX input.
2. Turn on the amplifier using the Power Switch.
3. On your audio device (smartphone, tablet), enable Bluetooth and search for "Fosi Audio ZK-1002D".
4. Select the device to pair. Once paired, you can stream audio wirelessly.
5. The Bluetooth connection offers stable transmission up to 12 meters.

5.2 AUX (3.5mm) Connection

1. Connect a 3.5mm audio cable from your audio source (e.g., MP3 player, TV, phone) to the AUX input on the front panel of the amplifier.
2. The amplifier will automatically switch to AUX mode, disabling Bluetooth.

5.3 USB Connection

1. Connect a USB cable from your computer (PC/laptop) to the USB input on the front panel of the amplifier.
2. The amplifier will be recognized as an audio output device. Select it in your computer's sound settings.
3. No additional drivers are required for lossless music playback.

5.4 Volume Control

Rotate the Volume Control knob on the front panel clockwise to increase volume and counter-clockwise to decrease volume.

6. SPECIFICATIONS

Feature	Specification
Model	ZK-1002D
Output Power	100W x 2
Amplifier Chips	2 x TPA3116D2
Channels	2.0
Input Options	Bluetooth 5.0, 3.5mm AUX, USB
Bluetooth Range	Up to 12 meters (unobstructed)
Power Input	DC 9-24V (DC19V adapter included)
Dimensions (L x W x H)	7.8 x 10 x 2.2 cm
Weight	200 grams
Compliance	CE, WEEE, FCC, RoHS

7. TROUBLESHOOTING

If you encounter issues, please refer to the following common problems and solutions:

- **No Sound:**
 - Ensure the power adapter is correctly connected and the amplifier is turned on.
 - Verify that speakers are properly connected and functional.
 - Check the volume level on both the amplifier and your audio source.
 - If using Bluetooth, ensure the AUX cable is unplugged.
 - If using USB, ensure the amplifier is selected as the audio output device on your computer.
- **Bluetooth Disconnection:**
 - Ensure your audio device is within the 12-meter Bluetooth range.
 - Avoid obstacles between the amplifier and your device.
 - If an AUX cable is plugged in, Bluetooth will be disabled. Unplug the AUX cable to re-enable Bluetooth.
- **Distorted Sound:**
 - Reduce the volume on both the amplifier and your audio source.
 - Ensure speaker impedance matches the amplifier's requirements.
 - Check for loose connections.

8. SAFETY INFORMATION

Please read and follow these safety guidelines:

- Do not expose the device to water or excessive moisture.
- Do not open the casing; there are no user-serviceable parts inside.
- Use only the provided power adapter or a compatible one with the correct voltage (DC 9-24V).
- Ensure proper ventilation around the amplifier to prevent overheating.
- Keep out of reach of children.

9. WARRANTY AND SUPPORT

The Fosi Audio ZK-1002D amplifier comes with a **24-month warranty**. Additionally, Fosi Audio provides **lifetime technical support** for this product. For any questions or assistance, please contact Fosi Audio customer service.

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