Arylic B50

Arylic B50SE Bluetooth 5.1 Stereo Receiver User Manual

Model: B50 | Brand: Arylic

1. INTRODUCTION

The Arylic B50SE Bluetooth 5.1 Stereo Receiver is a compact and powerful Class D integrated amplifier designed to enhance your home audio experience. It delivers 50W x 2 output, capable of driving various passive speakers, and features seamless Bluetooth connectivity, an intuitive EQ control application, and multiple input options for versatile use.

Figure 1.1: Front view of the Arylic B50SE Bluetooth 5.1 Stereo Receiver.

2. PRODUCT FEATURES

- **Powerful Amplifier and High-Quality Sound:** Equipped with an advanced TPA3116D2 amplifier chip, the B50SE provides 50W x 2 output, delivering rich, clear, and balanced sound with minimal distortion.

- **Seamless Bluetooth Connectivity:** Features Bluetooth 5.0 technology for easy pairing and stable wireless connections, allowing streaming from smartphones, tablets, and other Bluetooth-enabled devices.

- **Extended Transmission Range and Low Latency:** Offers a wireless transmission range of over 10 meters, ensuring uninterrupted music playback. Low latency minimizes audio-video delay for a seamless multimedia experience.

- **EQ Control App for iOS and Android:** The Go CONTROL APP provides full control over audio preferences, allowing adjustment of equalizer settings and creation of personalized listening experiences.

- **Sleek Design and Easy Installation:** Its compact design integrates seamlessly into any home system. Setup is straightforward: connect to speakers, pair via Bluetooth, and enjoy high-quality audio.

3. PACKAGE CONTENTS

Upon opening the package, please verify that all items are present and in good condition:

- Arylic B50SE Bluetooth 5.1 Stereo Receiver
- Remote Control
- Quick Start Guide

4. SETUP GUIDE

4.1 Connecting Your Speakers and Devices

The B50SE offers various input and output options. Ensure the unit is powered off before making any connections.
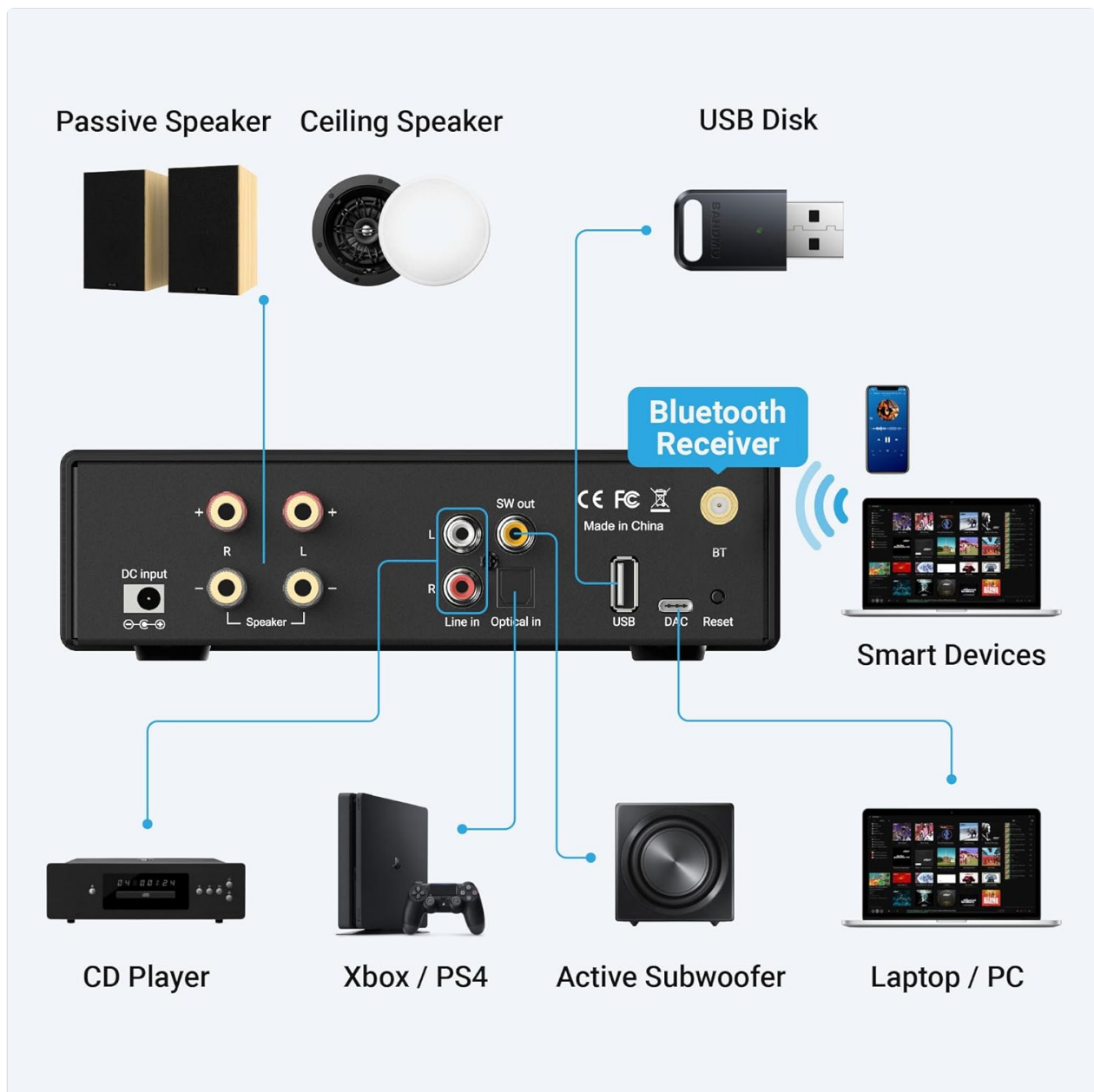
Figure 4.1: Rear panel connections of the Arylic B50SE.

1. **Speaker Connection:** Connect your passive speakers to the 'Speaker' terminals (R for right, L for left) on the rear panel. Ensure correct polarity (+ to + and - to -).

2. **Subwoofer Output:** If using an active subwoofer, connect it to the 'SW out' RCA port.

3. **Line Input:** For analog audio sources (e.g., CD player, turntable with pre-amp), connect to the 'Line in' RCA ports.

4. **Optical Input:** For digital audio sources (e.g., TV, game console), connect an optical cable to the 'Optical in' port.

5. **USB Input:** Connect a USB disk for local music playback or connect to a PC for USB DAC functionality.

4.2 Power Connection

After all audio connections are made, connect the provided power adapter to the 'DC Input' port on the rear panel, then plug the adapter into a wall outlet.

Figure 4.2: Example setup with Arylic B50SE, passive speakers, and an active subwoofer.

5. OPERATING INSTRUCTIONS

5.1 Powering On/Off

Use the 'ON/OFF' switch on the front panel to power the unit on or off.

5.2 Input Selection

Press the 'MODE' button on the front panel or the corresponding input button on the remote control to cycle through available inputs: BT (Bluetooth), Line, OPT (Optical), USB, DAC.

5.3 Bluetooth Pairing

When the B50SE is in Bluetooth mode (BT indicator lit), it will automatically enter pairing mode. On your device (smartphone, tablet), search for 'Arylic B50SE' in the Bluetooth settings and select it to connect.

5.4 Go Control Application

Download the 'Go Control' app from your device's app store (iOS and Android compatible). This app allows for advanced control, including EQ adjustments, input selection, and more.
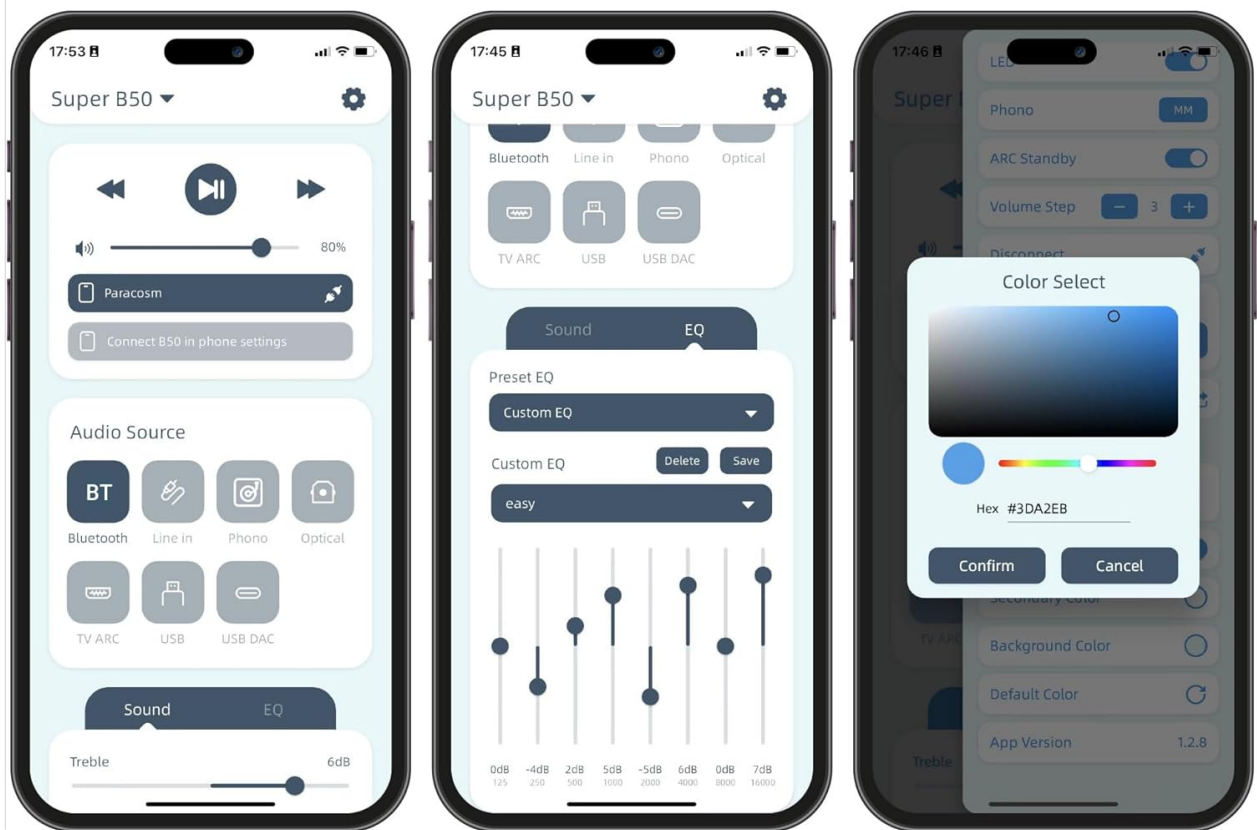
Figure 5.1: The Go Control App provides comprehensive control over the B50SE.

5.5 Remote Control Functions

The included remote control provides convenient access to various functions, including power, input selection, volume control, playback controls (for USB mode), and preset EQ modes.

Figure 5.2: Overview of the Arylic B50SE remote control functions.

6. MAINTENANCE

To ensure the longevity and optimal performance of your Arylic B50SE, follow these maintenance guidelines:

- **Cleaning:** Use a soft, dry cloth to clean the exterior of the unit. Avoid using abrasive cleaners, waxes, or solvents.

- **Ventilation:** Ensure adequate ventilation around the unit. Do not block any ventilation openings.

- **Environment:** Keep the unit away from direct sunlight, heat sources, excessive dust, moisture, and strong magnetic fields.
- **Power:** Disconnect the power adapter from the wall outlet if the unit will not be used for an extended period.

7. TROUBLESHOOTING

If you encounter issues with your Arylic B50SE, please refer to the following common problems and solutions:

Problem	Possible Cause	Solution
No Sound Output	Incorrect input selected; loose speaker cables; low volume; muted.	Verify input selection; check speaker connections; increase volume; ensure unit is not muted.
Bluetooth Disconnection/Cannot Pair	Device too far; interference; B50SE not in pairing mode; previously connected device.	Move device closer; reduce interference; ensure B50SE is in BT mode; disconnect from other devices or press the Reset button on the B50SE rear panel twice to clear all Bluetooth connections.
Remote Control Not Working	Dead batteries; IR sensor blocked; remote out of range.	Replace batteries; ensure clear line of sight to the IR sensor; operate within range.

7.1 Factory Reset

To perform a factory reset, press and hold the 'Reset' button on the rear panel of the B50SE until the indicators flash, then release. This will restore the unit to its default settings.

8. SPECIFICATIONS

Feature	Detail
Product Dimensions	14.57 x 9.06 x 2.56 inches
Item Weight	7 ounces
Item Model Number	B50
Amplifier Chip	TPA3116D2
Bluetooth Version	5.0
Output Power	50W x 2
Manufacturer	Rakoit Technology (Shenzhen) Co., Ltd.
Date First Available	November 13, 2024

9. OFFICIAL PRODUCT VIDEO

Your browser does not support the video tag.

Video 9.1: An overview of the Arylic B50SE Bluetooth 5.1 Stereo Amplifier, showcasing its features and connectivity options.

10. WARRANTY AND SUPPORT

For warranty information and technical support, please contact the seller, ARYLIC, directly through the platform where the product was purchased. Keep your purchase receipt as proof of purchase.
Optional protection plans may be available for extended coverage. Please refer to your purchase details for more information on these plans.