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> [Aiwa AWH51BT Boombox Party Power Speaker User Manual](#)

Aiwa AWH51BT

Aiwa AWH51BT Boombox Party Power Speaker User Manual

Model: AWH51BT

1. INTRODUCTION

Thank you for purchasing the Aiwa AWH51BT Boombox Party Power Speaker. This portable speaker is designed to deliver powerful audio with versatile connectivity options. Please read this manual carefully before using the device to ensure proper operation and to maximize its performance.

Key Features:

- **130W Power Output:** Provides powerful, dynamic, and immersive sound.
- **True Wireless Stereo (TWS) Technology:** Allows pairing two AWH51BT speakers for an expanded stereo sound experience.
- **IPX6 Water Resistance:** Designed to withstand splashes, light rain, and use in outdoor environments.
- **Versatile Connectivity:** Includes Bluetooth, FM radio, 3.5mm auxiliary input, and USB playback.
- **Extended Battery Life:** Up to 10 hours of use on a single charge.
- **Integrated LED Lights:** Enhances the listening experience with dynamic lighting.

2. SAFETY INFORMATION

Please observe the following safety precautions to prevent damage to the device or injury to yourself:

- Do not expose the speaker to extreme temperatures, direct sunlight, or excessive humidity.
- Do not disassemble, repair, or modify the device. This will void the warranty.
- Keep the speaker away from sources of strong magnetic fields.
- Use only the provided charging cable and adapter.
- Ensure all ports are securely closed when using the speaker near water to maintain IPX6 rating.
- Avoid listening at high volume levels for extended periods to prevent hearing damage.

3. PACKAGE CONTENTS

Verify that all items are present in the package:

- Aiwa AWH51BT Boombox Party Power Speaker
- Charging Cable
- User Manual
- Microphone (if included with your specific model)

4. PRODUCT OVERVIEW

Components and Controls

Familiarize yourself with the speaker's components and control panel:



Image: Top view of the Aiwa AWH51BT speaker, highlighting the control panel with various buttons and the Aiwa logo.

PARTY POWER BOOMBOX

AWH51BT



Image: An exploded diagram illustrating the internal components of the Aiwa AWH51BT, including the subwoofer, tweeters, and midranges, alongside an external view with product dimensions (49.5 cm length, 26.5 cm height, 20.8 cm width).

- **Power Button:** Press and hold to turn the speaker ON/OFF.
- **Mode Button:** Short press to switch between Bluetooth, FM Radio, AUX, and USB modes.
- **Play/Pause Button:** Controls playback in Bluetooth and USB modes.
- **Volume Up/Next Track:** Short press for volume up, long press for next track.
- **Volume Down/Previous Track:** Short press for volume down, long press for previous track.
- **TWS Button:** Initiates True Wireless Stereo pairing.
- **LED Light Button:** Cycles through different LED light modes or turns them off.
- **Charging Port:** For connecting the power adapter.
- **USB Port:** For USB flash drive playback.
- **AUX Input:** 3.5mm jack for external audio devices.
- **Microphone Input:** For connecting a microphone.

5. SETUP

5.1. Charging the Speaker

Before first use, fully charge the speaker. Connect the provided charging cable to the speaker's charging port and plug the other end into a power outlet. The charging indicator will show the charging status. A full charge provides up to 10 hours of playback at medium volume.

5.2. Power On/Off

- To turn ON: Press and hold the Power button for approximately 3 seconds.
- To turn OFF: Press and hold the Power button for approximately 3 seconds.

6. OPERATION

6.1. Bluetooth Pairing

Connect your device via Bluetooth to stream audio wirelessly.

1. Turn on the Aiwa AWH51BT speaker. It will automatically enter Bluetooth pairing mode, indicated by a flashing LED.
2. On your mobile device, enable Bluetooth and search for available devices.
3. Select "Aiwa AWH51BT" from the list.
4. Once paired, the LED indicator will stop flashing, and you will hear a confirmation sound.

6.2. True Wireless Stereo (TWS) Pairing

Pair two Aiwa AWH51BT speakers for a synchronized stereo sound experience.

1. Ensure both Aiwa AWH51BT speakers are turned on and not connected to any Bluetooth device.
2. On one speaker (this will be the primary speaker), short press the TWS button. The speaker will emit a sound and its LED will flash.
3. The primary speaker will automatically search for and connect to the secondary speaker.
4. Once connected, both speakers will indicate successful TWS pairing.
5. Now, connect your mobile device to the primary speaker via Bluetooth as described in section 6.1. Audio will play through both speakers in stereo.

6.3. FM Radio

To use the FM radio function:

1. Press the Mode button repeatedly until you enter FM Radio mode.
2. Long press the Play/Pause button to automatically scan and save available FM stations.
3. Use the Previous/Next Track buttons to navigate between saved stations.

6.4. Auxiliary Input (AUX)

Connect external audio devices using a 3.5mm audio cable.

1. Connect one end of a 3.5mm audio cable to the AUX input port on the speaker.
2. Connect the other end to the audio output of your external device (e.g., smartphone, MP3 player).
3. The speaker will automatically switch to AUX mode, or you may need to press the Mode button to select it.

6.5. USB Playback

Play audio files directly from a USB flash drive.

1. Insert a USB flash drive containing MP3, WMA, AAC, or WAV audio files into the USB port.
2. The speaker will automatically switch to USB mode and begin playback, or you may need to press the Mode button to select it.
3. Use the Play/Pause, Previous Track, and Next Track buttons to control playback.

6.6. Microphone Usage

Connect a microphone for karaoke or public address.

1. Plug a compatible microphone into the Microphone Input port.
2. Adjust the microphone volume using the dedicated controls on the microphone or the speaker's main volume.

6.7. LED Light Modes

The speaker features integrated LED lights that can be customized.

- Press the LED Light button to cycle through different light modes (e.g., pulsating, static, off).



Image: A visual representation of key features including battery life (up to 10 hours), IPX6 water resistance, and frequency response (90 Hz - 20 kHz).

7. MAINTENANCE

To ensure the longevity and optimal performance of your speaker:

- **Cleaning:** Use a soft, dry cloth to clean the speaker. Do not use abrasive cleaners or solvents.
- **Storage:** Store the speaker in a cool, dry place away from direct sunlight and extreme temperatures.
- **Battery Care:** If not used for extended periods, charge the battery at least once every three months to maintain its health.

8. TROUBLESHOOTING

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

Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
Speaker does not turn on.	Low battery or no power.	Charge the speaker fully. Ensure the power adapter is correctly connected.
No sound.	Volume too low, incorrect mode, or device not connected.	Increase volume on both speaker and connected device. Check if the correct input mode (Bluetooth, AUX, USB) is selected. Re-pair Bluetooth device.
Bluetooth pairing fails.	Speaker is already connected, device is too far, or Bluetooth is off.	Ensure speaker is in pairing mode. Move device closer to speaker. Turn Bluetooth off and on again on your device. Disconnect from other Bluetooth devices.
TWS pairing fails.	Speakers are already connected to other devices or too far apart.	Ensure both speakers are not connected to any Bluetooth device. Place speakers within close proximity. Repeat TWS pairing steps.
FM radio reception is poor.	Weak signal.	Move the speaker to a location with better reception. Extend any external antenna if available.

9. SPECIFICATIONS

Feature	Detail
Brand	Aiwa
Manufacturer	AIWA
Model	AWH51BT
Model Name	Aiwa Boombox Party Power AWH51BT LED Bluetooth TWS Black Speaker
Compatible Devices	Smartphone
Special Features	LED Light
Included Accessories	Microphone
Number of Products	1
Audio Output Mode	Stereo
Supported Audio Formats	MP3, WMA, AAC, WAV
Speaker Surround Sound Channel Configuration	2.0
Maximum Speaker Output Power	80 Watts
Speaker Amplification Type	Active
Wattage	130 watts

Feature	Detail
Power Source	Battery
Batteries Required	No (Internal Rechargeable Battery)
Connector Type	Bluetooth
Supported Standards	Bluetooth
Bluetooth Technology Supported	Yes
Product Dimensions (L x W x H)	32.5 x 33.5 x 73 cm; 12.45 kg
ASIN	B0G2KFM162
First Available	November 16, 2025
Connectivity Technology	Bluetooth
Color	Black
Speaker Type	Portable Speaker

10. WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the warranty card included with your product or visit the official Aiwa website. Keep your purchase receipt as proof of purchase for warranty claims.

11. PRODUCT VIDEO

Watch this short video for a quick overview of the Aiwa AWH51BT Boombox Party Power Speaker's features and capabilities.



Video: A brief demonstration highlighting the Aiwa AWH51BT speaker's 130W RMS power, balanced audio with integrated subwoofer, tweeters, and midranges, and features like TWS, IPX6 water resistance, Bluetooth, and USB connectivity.