

Inwa MZ509

Inwa Bluetooth Portable Speaker MZ509 User Manual

Model: MZ509

1. INTRODUCTION

Thank you for choosing the Inwa Bluetooth Portable Speaker MZ509. This manual provides essential information for setting up, operating, and maintaining your speaker to ensure optimal performance.

Product Features

- **Compact and Portable Design:** Weighing approximately 244g (0.4 lbs) with dimensions of 7.62 x 7.62 x 7.62 cm, designed for easy transport.
- **Subwoofer Enhancement Technology:** Delivers deep bass and clear treble with a frequency response range of 20Hz-20kHz.
- **Bluetooth 5.1 Connectivity:** Provides a stable wireless connection up to 33 feet (10 meters).
- **Wireless Stereo Pairing (TWS):** Link two MZ509 speakers for an enhanced stereophonic sound experience.
- **Built-in Microphone:** Enables hands-free calling.
- **TF Card Support:** Play music directly from a TF (MicroSD) card up to 32GB.
- **IP67 Waterproof Rating:** Designed to withstand immersion in water up to 1 meter for 30 minutes, making it suitable for various environments.
- **Type-C Charging:** Modern and convenient charging interface.

COMPACT SIZE

Robust bass in an
ultra-compact size

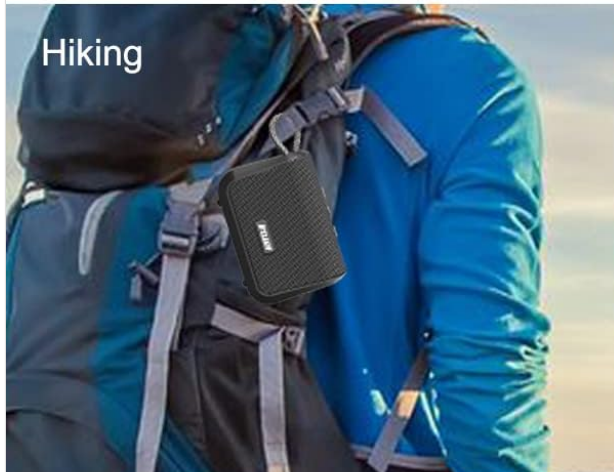


Image: The Inwa MZ509 speaker demonstrating its compact size and versatility for use in different environments, including outdoor activities and wet areas.

IP67 waterproof



Image: The Inwa MZ509 speaker showcasing its IP67 waterproof capability, suitable for use near water.

2. SETUP

2.1 Charging the Speaker

1. Connect the provided USB-A to USB-C charging cable to the speaker's Type-C port.
2. Connect the USB-A end of the cable to a compatible USB power adapter (DC 5V/1A recommended).
3. A red indicator light near the charging port will illuminate, indicating that the speaker is charging.
4. The red indicator light will turn off once the speaker is fully charged. A full charge typically takes 2-4 hours.

Note: The speaker is designed to charge only with a USB-A to USB-C cable. USB-C to USB-C cables may not initiate charging.

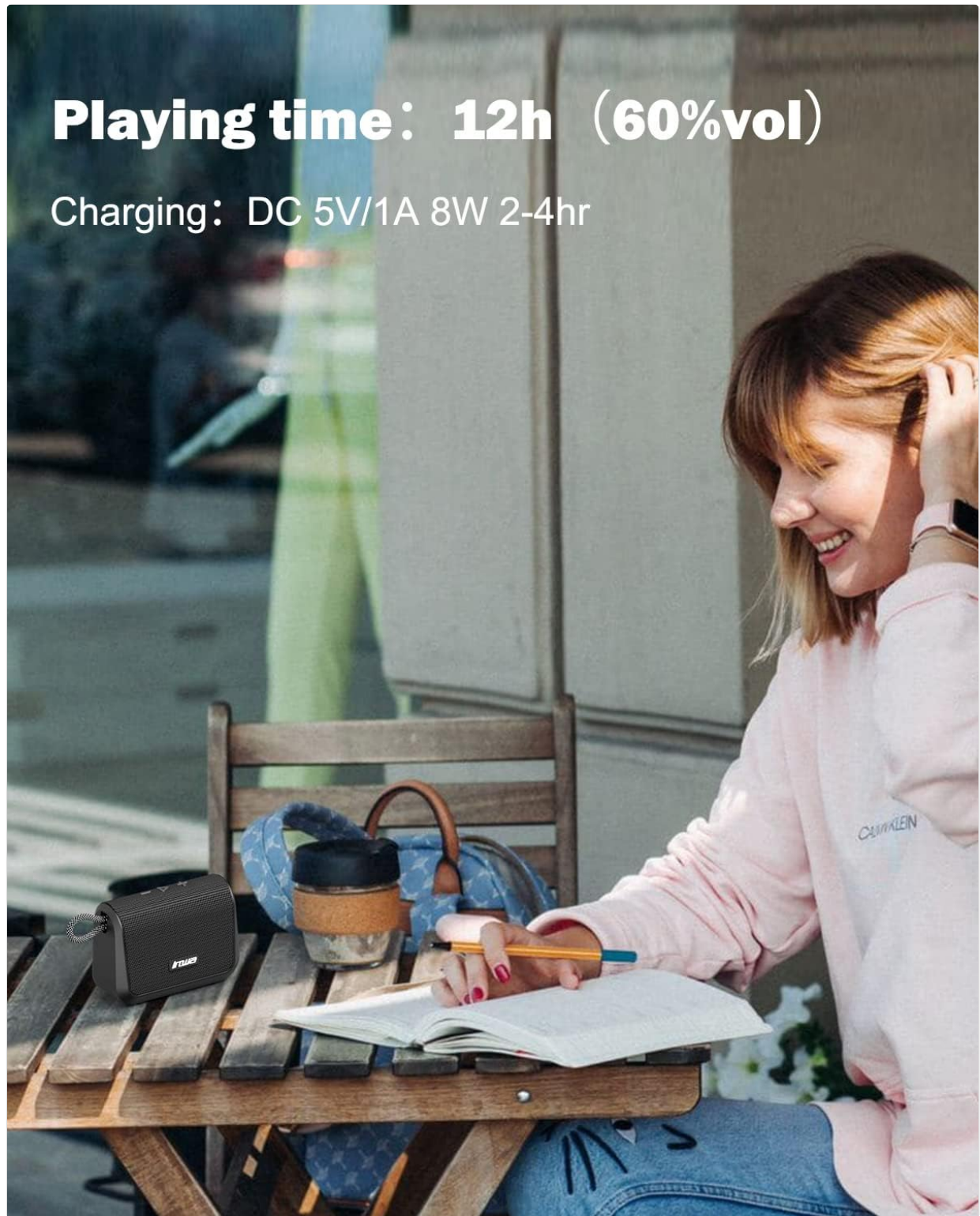


Image: Visual representation of the speaker's battery performance, indicating 12 hours of playing time at 60% volume and a charging duration of 2-4 hours.

2.2 Powering On/Off

- To power on, press and hold the power button (usually the play/pause button) until you hear an audible "power on" prompt, followed by "Bluetooth mode".
- To power off, press and hold the power button again until the speaker shuts down.

2.3 Bluetooth Pairing

1. Ensure the speaker is powered on and in "Bluetooth mode". The indicator light will typically flash, indicating it's ready for pairing.
2. On your mobile device (smartphone, tablet, etc.), enable Bluetooth and search for available devices.
3. Select "Inwa MZ509" from the list of found devices.
4. Once paired, you will hear a confirmation tone or voice prompt, and the indicator light will typically become solid.
5. The speaker will attempt to automatically reconnect to the last paired device when powered on. If you move out of range and return, manual reconnection may be required.

2.4 Wireless Stereo Pairing (TWS Function)

To achieve a stereophonic sound experience, you can pair two Inwa MZ509 speakers together.

1. Ensure both MZ509 speakers are powered off.
2. Power on both speakers simultaneously. They will enter Bluetooth pairing mode.
3. On one of the speakers, double-press the power/play button. The speakers will attempt to connect to each other.
4. Once successfully paired, you will hear a confirmation. One speaker will act as the master (left channel) and the other as the slave (right channel).
5. Now, connect your mobile device to the master speaker via Bluetooth as described in section 2.3.

The TWS function allows for a maximum range of 33 feet (10 meters) between the two linked speakers.

2 Linkable Speakers

Wireless Stereo Pairing 33Ft max

Hand-free call: Built-in mic



2 Choices: Bluetooth 5.1 / TF card

Image: Two Inwa MZ509 speakers demonstrating wireless stereo pairing with a laptop and smartphone, also highlighting the built-in microphone.



Image: The TWS feature in action, with two speakers providing stereophonic sound in an outdoor setting.

3. OPERATION

3.1 Button Functions

The Inwa MZ509 speaker features intuitive buttons for controlling playback and functions.

Button/Action	Function
Power/Play/Pause Button (Long Press)	Power On/Off

Button/Action	Function
Power/Play/Pause Button (Short Press)	Play/Pause music; Answer/End calls
Volume Up (+) Button (Short Press)	Increase Volume
Volume Up (+) Button (Long Press)	Next Track
Volume Down (-) Button (Short Press)	Decrease Volume
Volume Down (-) Button (Long Press)	Previous Track
Mode Button (if available)	Switch between Bluetooth mode and TF card mode.

3.2 Hands-Free Calling

With the built-in microphone, you can answer calls directly through the speaker when connected via Bluetooth to your smartphone.

- **Answer Call:** Short press the Play/Pause button when a call comes in.
- **End Call:** Short press the Play/Pause button during a call.
- **Reject Call:** Long press the Play/Pause button when a call comes in.

3.3 TF Card Playback

Insert a TF (MicroSD) card with your music files into the designated slot. The speaker will automatically switch to TF card mode and begin playing music. Use the control buttons to manage playback.

4. MAINTENANCE

4.1 Cleaning

- Wipe the speaker with a soft, damp cloth.
- Do not use abrasive cleaners, alcohol, or chemical solvents, as these may damage the surface.
- Ensure the charging port cover is securely closed before cleaning or exposing to water.

4.2 Storage

- Store the speaker in a cool, dry place away from direct sunlight and extreme temperatures.
- If storing for an extended period, charge the battery to approximately 50% every few months to prolong battery life.

4.3 Waterproof Care (IP67)

- The speaker is IP67 rated, meaning it is protected from dust and can withstand immersion in water up to 1 meter for 30 minutes.
- Always ensure the charging port cover is fully sealed before exposing the speaker to water.
- After exposure to water, dry the speaker thoroughly, especially the charging port, before charging.
- Do not intentionally submerge the speaker in saltwater or other liquids, as this may cause damage not covered by warranty.

5. TROUBLESHOOTING

Problem	Possible Cause	Solution
Speaker does not power on.	Low battery.	Charge the speaker for 2-4 hours using a USB-A to USB-C cable and a 5V/1A adapter.
Cannot pair via Bluetooth.	Speaker not in pairing mode; Device Bluetooth off; Out of range.	Ensure speaker is powered on and flashing (pairing mode). Enable Bluetooth on your device. Move device closer to speaker (within 33ft). Forget device and re-pair.
No sound or low volume.	Volume too low on speaker or device; Paused playback; Incorrect source.	Increase volume on both speaker and connected device. Ensure music is playing. Check if TF card is inserted if trying to play from card.
TWS pairing fails.	Speakers not in TWS pairing mode; Too far apart.	Ensure both speakers are powered off, then power them on and double-press the power button on one speaker to initiate TWS pairing. Keep speakers within 33ft of each other.
Charging not working with USB-C to USB-C cable.	Speaker design requires specific cable type.	Use the provided USB-A to USB-C charging cable.

6. SPECIFICATIONS

Feature	Detail
Model Number	MZ509
Brand	Inwa
Connectivity Technology	Bluetooth 5.1
Bluetooth Range	Up to 33 feet (10 meters)
Audio Output Mode	Stereo (with TWS pairing)
Frequency Response	20Hz-20kHz
Playing Time	Up to 12 hours (at 60% volume)
Charging Input	DC 5V/1A (Type-C)
Charging Time	2-4 hours
Waterproof Rating	IP67
Dimensions (L x W x H)	7.62 x 7.62 x 7.62 cm (3 x 3 x 3 inches)
Weight	244 g (0.4 lbs)
TF Card Support	Up to 32GB

Feature	Detail
Special Features	Built-in Mic, TWS (True Wireless Stereo) Function

Inwa Subwoofer enhancement technology

Enjoy deep bass to high treble at any volume.

20Hz-20KHz



Image: An internal view of the Inwa MZ509 speaker, illustrating the components responsible for its subwoofer enhancement technology and wide frequency response.

7. WARRANTY AND SUPPORT

Inwa provides a **1-year warranty** covering parts and labor for the MZ509 Bluetooth Portable Speaker, ensuring high quality and reliability.

For customer service and support, please contact Inwa through the following platforms:

- Amazon
- Facebook
- YouTube
- Twitter
- Instagram

Our customer service team is available to assist with any inquiries or issues you may encounter.