

[manuals.plus](#) /

› [MLOVE](#) /

› [MLOVE P1 Small Waterproof Bluetooth Speaker Instruction Manual](#)

MLOVE P1

MLOVE P1 Small Waterproof Bluetooth Speaker User Manual

Model: P1

1. PRODUCT OVERVIEW

The MLOVE P1 is a compact and portable Bluetooth speaker designed for versatile audio enjoyment. It features 20W sound output, IPX7 waterproofing, LED lights, a Micro SD card slot, USB-C charging, and TWS (True Wireless Stereo) functionality for connecting two speakers.

MLOVE P1 PORTABLE SPEAKER

Open, play and turn it up to immerse yourself in music



Image: MLOVE P1 speaker, showcasing its compact design.

Package Contents:

- 1 x MLOVE P1 Portable Speaker
- 1 x USB-C Charging Cable
- 1 x Lanyard
- 1 x User Manual

2. SETUP

2.1 Charging the Speaker

Before first use, fully charge the speaker. Connect the provided USB-C cable to the speaker's charging port and the other end to a USB power adapter (not included). The LED indicator will show charging status. A full charge takes approximately 2.5 hours.



Image: Close-up of the speaker's USB-C charging port and Micro SD card slot.

2.2 Power On/Off

- To power on: Press and hold the Power button (U) for 2-3 seconds.
- To power off: Press and hold the Power button (U) for 2-3 seconds.

2.3 Bluetooth Pairing

1. Ensure the speaker is powered on and in Bluetooth pairing mode (LED will flash).
2. On your device (smartphone, tablet, etc.), enable Bluetooth and search for available devices.
3. Select "MLOVE P1" from the list.
4. Once paired, the speaker will emit a confirmation sound, and the LED will remain solid.

2.4 TWS (True Wireless Stereo) Pairing

To achieve a stereo sound experience, you can pair two MLOVE P1 speakers together.

1. Ensure both MLOVE P1 speakers are powered on and not connected to any other Bluetooth device.
2. On one speaker, double-press the Power button (U). It will enter TWS pairing mode.
3. The two speakers will automatically connect to each other. A confirmation sound will indicate successful TWS pairing.
4. Once TWS paired, connect your device to one of the speakers via Bluetooth as described in section 2.3.

TWS WIRELESS STEREO

2 MLOVE P1 speakers connected to realize tws 360 degree and loud surround sound effect



Image: Two MLOVE P1 speakers set up for True Wireless Stereo (TWS) with a laptop.

3. OPERATING INSTRUCTIONS

3.1 Button Functions



Image: Diagram showing the control buttons on the MLOVE P1 speaker.

- **Power Button (U):** Press and hold to Power On/Off. Double-press for TWS pairing.
- **Mode Button (M):** Short press to switch between Bluetooth mode and Micro SD card mode.
- **Play/Pause Button (▶ ||):** Short press to Play/Pause music.
- **Volume Down (-) / Previous Track:** Short press for Volume Down. Long press for Previous Track.
- **Volume Up (+) / Next Track:** Short press for Volume Up. Long press for Next Track.

3.2 Music Playback

- **Bluetooth Mode:** After successful pairing, music from your connected device will play through the speaker.
- **Micro SD Card Mode:** Insert a Micro SD card (up to 32GB, FAT32 format) with audio files into the slot. The speaker will automatically switch to Micro SD mode and begin playback. Press the Mode button (M) to switch between modes if needed.

3.3 LED Lights

The speaker features auto-changing colorful LED lights that enhance the listening experience. These lights cycle through various colors automatically.

Your browser does not support the video tag.

Video: Official MLOVE P1 speaker demonstration, highlighting LED lights and sound.

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.

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 maintain battery health.

4.3 Waterproof Guidelines (IPX7)

The MLOVE P1 speaker is IPX7 waterproof, meaning it can be immersed in water up to 1 meter (3 feet) for 30 minutes. Ensure the charging port cover is securely closed before exposing the speaker to water. Avoid prolonged submersion or exposure to saltwater/chlorinated water, which may degrade seals over time. After water exposure, dry the speaker thoroughly before charging.

IPX7 WATERPROOF

Enjoy music in bathroom, at beach or near a pool,
designed with ipx6 waterproof level



Image: Mlove P1 speaker in a bathroom, illustrating its IPX7 waterproof capability.

5. TROUBLESHOOTING

- **Speaker does not power on:** Ensure the battery is charged. Connect the speaker to a power source using the USB-C cable.
- **Cannot pair via Bluetooth:**
 - a. Ensure the speaker is in pairing mode (flashing LED).
 - b. Make sure Bluetooth is enabled on your device.
 - c. Move the speaker closer to your device.
 - d. Forget "Mlove P1" from your device's Bluetooth list and try pairing again.
 - e. Restart both the speaker and your device.

- **No sound:**

- a. Check the volume levels on both the speaker and your connected device.
- b. Ensure the speaker is correctly paired.
- c. If using a Micro SD card, ensure it is inserted correctly and contains compatible audio files.

- **TWS pairing fails:**

- a. Ensure both speakers are fully charged and not connected to any other Bluetooth device.
- b. Try resetting both speakers by powering them off and on, then attempt TWS pairing again.

6. SPECIFICATIONS

Feature	Detail
Model Name	P1
Speaker Maximum Output Power	20 Watts
Wireless Communication Technology	Bluetooth 5.3
Water Resistance Level	IPX7 (Waterproof)
Power Source	Battery Powered
Battery Life	Up to 12 hours
Charging Time	2.5 Hours
Connectivity Technology	Bluetooth
Audio Output Mode	Stereo
Control Method	Touch
Material	Acrylonitrile Butadiene Styrene (ABS)
Product Dimensions	3"D x 3"W x 3.94"H
Item Weight	1.08 pounds
Special Features	Bass Boost, Dustproof, LED Light, Portable, Waterproof
Compatible Devices	Smartphone, Tablet, Laptop, Desktop, MP3 Player

7. WARRANTY AND SUPPORT

MLOVE is committed to providing quality products and customer satisfaction.



Warranty Information:

- 30 Days Return:** Eligible for return within 30 days of purchase.
- 90 Days Replacement:** Product replacement available within 90 days for manufacturing defects.
- 360 Days Warranty:** Comprehensive warranty coverage for 360 days from the date of purchase.

Customer Support:

For any questions, technical assistance, or warranty claims, please contact MLOVE customer support. We offer 24x7 support, including weekends.

Please refer to your purchase platform or the MLOVE official website for contact details.