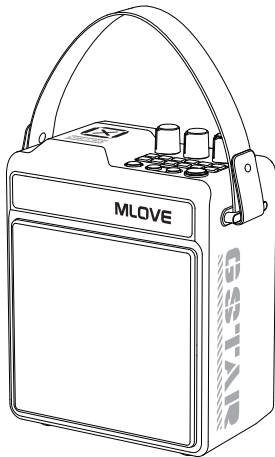


MLOVE

N5

Multifunctional Amplified
Karaoke Speaker



USER MANUAL

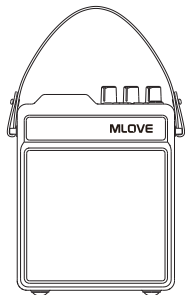
01 Warning

English

- ◆ Please read the instructions first.
- ◆ Please follow the instructions carefully.
- ◆ Please store and use this product at room temperature.
- ◆ Do not use this product near heat sources such as radiators, heat registers, stoves, or other apparatuses (including amplifiers) that produce heat.
- ◆ Do not block the opening of the speaker, and do not insert objects into the vents or slots of the speaker.
- ◆ Do not throw or drop the product to avoid damage.
- ◆ Please charge the speaker with the product-rated voltage.
- ◆ If the connection line does not match your device, please contact the dealer.
- ◆ Please keep the speaker volume at a moderate level to avoid temporary or permanent hearing impairment.
- ◆ If the equipment is damaged for any reason, it must be repaired by professional maintenance personnel in a timely manner. Unauthorized disassembly will invalidate the warranty.
- ◆ If the battery is not properly replaced, there may be a risk of explosion. It must only be replaced with the same type of battery.
- ◆ Do not disassemble, impact, squeeze, or throw the battery into fire. If severe swelling occurs, stop using it immediately. Do not place it in a high-temperature environment, and do not use it after the battery has been soaked in water.
- ◆ The battery (battery pack or combined battery) must not be exposed to conditions such as direct sunlight, fire, or other overheating environments.
- ◆ If consumers use a power adapter to charge, they should use a certified power adapter that has obtained CCC certification and meets standard requirements.

02 Packing list

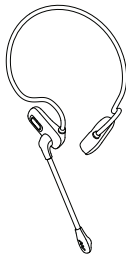
English



Speaker



Wireless Microphone



Wireless Headset



USB Type-C Charging Cable



User Manual

Actual packing contents depend on the purchased version. Product images are for reference only.

03 Button Function Indicator

Volume Adjustment: Rotate to increase or decrease the volume.

Microphone Reverb Adjustment

Microphone Volume Adjustment: Rotate to increase or decrease the volume.

0-9 Numeric Song Selection Keys:

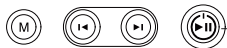
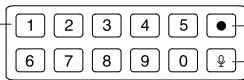
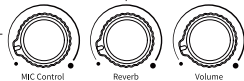
TF Card/U-Disk Playback Mode: Enter the numbers directly to quickly play the corresponding track in sequence. If the entered number exceeds the total number of songs in the current folder of the TF card/U-disk, the input will be invalid.

Mode Button

Mode Switching: Short press to switch modes: U-disk mode / Bluetooth mode / TF card mode / AUX mode. Note: The device defaults to Bluetooth mode when powered on.

Bluetooth Disconnection: Long press the M button for 2 seconds to disconnect from the current device and enter pairing mode. Press the Play button again to reconnect.

Single Track Loop: During TF card/U-disk playback, long press the M button to enable single-track loop. The  will light up when activated.



Short Press:
Previous Track

Short Press:
Next Track

Record Key

Local Recording: Short press to enter recording mode. Short press again to stop, save, and exit the recording. Long press to enter recording playback mode.

1. The operation is effective only when a U-disk or TF card is inserted.
2. If both a U-disk and TF card are present, recording will be prioritized to the U-disk.
3. During recording, the recording  icon on the screen will flash.
4. During playback, the recording icon on the screen will remain steadily lit.

Delete Recording: During recording playback, long press the Record button to delete the currently playing recording file.

Mic Button

Wireless Microphone Pairing: Long press to enter microphone pairing mode. The microphone  icon flashes. When connected successfully, the icon remains lit. Long press again to exit pairing mode.

Microphone Priority: Short press to enable microphone priority. When speaking, music volume is automatically reduced.

Power Key: Long press to turn on/off
Play Button: Short press to play/pause

English

04 Interface Function Indicators

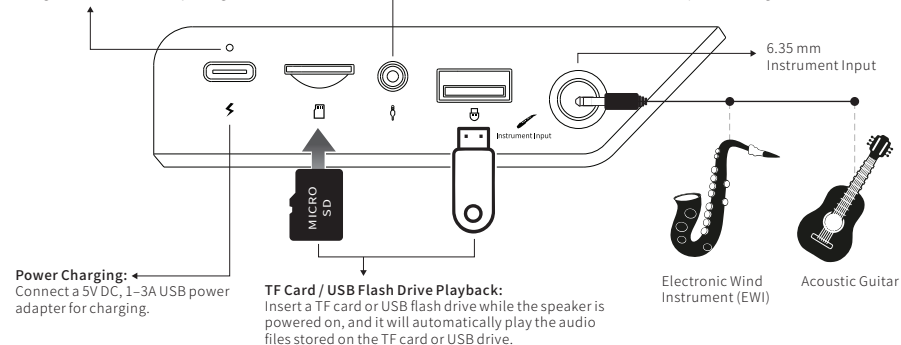
English

Charging Indicator Light:

Red light stays on while charging.
Red light turns off when fully charged.

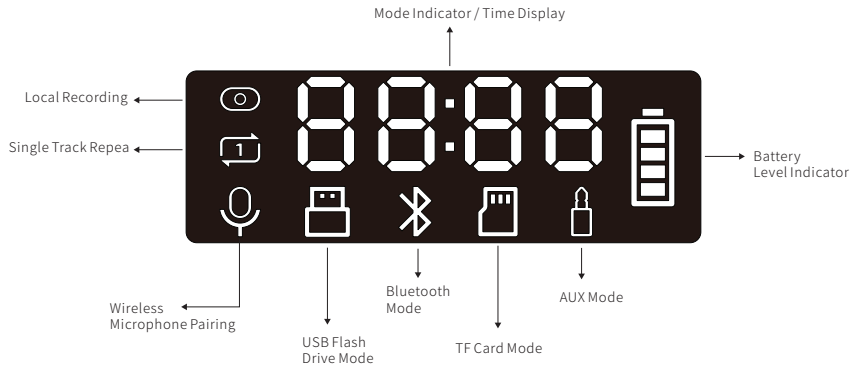
AUX External Audio Input:

Connect the audio cable to switch the speaker to AUX mode.
The device has a built-in reset button; press it using a thin tool.



05 Screen Display Instructions

English



06 Bluetooth Audio Connection

English

1. Power On the Speaker:

Press and hold the power button to turn on the speaker. After the startup prompt sound, the LED Bluetooth icon will flash, indicating it is ready for Bluetooth pairing.

2. Connect to a Mobile Device:

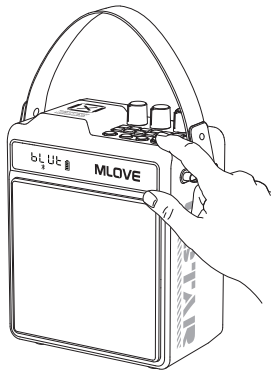
Turn on the Bluetooth function on your mobile device. In the list of available Bluetooth devices, select "Mlove N5." Once successfully connected, you will hear a prompt sound, and the Bluetooth indicator will remain steadily lit.

For future use:

As long as the Bluetooth on your mobile device remains turned on, the connection will be established automatically.

Bluetooth Disconnection:

Press and hold the M button for 2 seconds to disconnect from the current device. The speaker will enter pairing mode and wait for a new connection.



07 Wireless Microphone Function Indicator

English

Microphone Indicator Light

Wireless Microphone Connection Indicator:

When powered on and connecting, the green light flashes (slow flash for paired devices, fast flash for unpaired devices). Once connected successfully, the green light stays on. If no connection occurs for 30 minutes, the microphone will automatically power off.

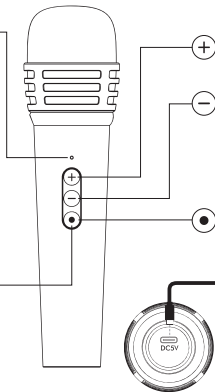
Low Battery Indicator: The red light flashes when the battery level drops below 15%

Charging Indicator: The red light stays on while charging. The green light stays on when fully charged.

Microphone Lock

After a successful connection, press the power button three times to lock the device.

(Once locked, the microphone will only reconnect to the locked device. Double-press the power button to unlock.)



Short Press / Long

Press to Increase Microphone Volume

Short Press / Long

Press to Decrease Microphone Volume

Power Button:

Press and hold for 2 seconds to turn the wireless microphone on/off.

Reverb Adjustment:

Short press to switch the reverb level. Three levels are available.

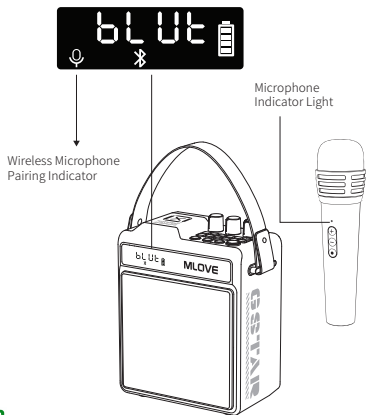


Charging Port:

Connect to a USB power source with an output of DC 5V 1A to charge.

08 Using the Wireless Microphone Connection

English



Wireless Microphone and Speaker Pairing

Turn on the speaker and press and hold the microphone key  to enter the wireless microphone pairing mode. The microphone icon  on the speaker display will flash, indicating that it is waiting to pair with a wireless handheld microphone or wireless headset microphone.

Press and hold the microphone power button for 2 seconds to turn it on. The microphone indicator will flash, and it will automatically pair with the speaker shortly. Once paired successfully, the microphone icon  on the speaker display and the microphone indicator will both remain solid.

Additional Instructions

The speaker supports connecting two wireless microphones. To connect the second microphone, simply turn it on, and it will automatically pair with the speaker shortly.

After a successful connection, the microphone will automatically attempt to reconnect for 30 seconds each time it is powered on. If reconnection fails within 30 seconds, it will enter pairing mode.

When in microphone pairing mode, if no microphone is paired within 10 minutes, the pairing mode will automatically turn off. To continue using the pairing mode, press and hold the microphone button  to enable wireless microphone pairing again.

09 Wireless Headset Microphone Function Indicators

English

Power Button: Press and hold to turn on/off; triple-press to lock the device; double-press to unlock.

Microphone Indicator Light

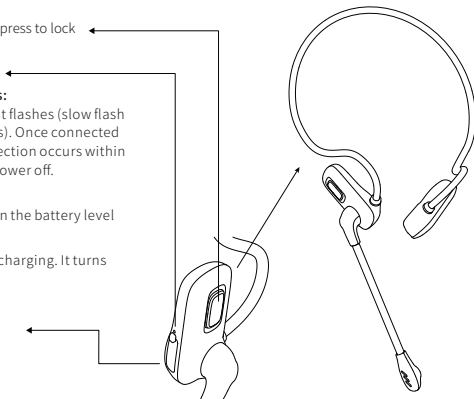
Microphone Indicator Light Connection Status:

When powered on and connecting, the white light flashes (slow flash for locked devices, fast flash for unlocked devices). Once connected successfully, the indicator stays solid. If no connection occurs within 30 minutes, the microphone will automatically power off.

Low Battery Indicator: The red light flashes when the battery level drops below 15%.

Charging Indicator: The red light stays on while charging. It turns off when fully charged.

Charging Port: Connect to a USB power adapter with DC 5V 1A output for charging.



10 Using the Wireless Headset Microphone Connection

English

Wireless Headset Microphone and Speaker Pairing

Turn on the speaker and press and hold the microphone button  to enter wireless microphone pairing mode. The microphone icon  on the speaker display will flash, waiting to pair with a wireless handheld microphone or wireless headset microphone.

Press and hold the power button on the wireless headset microphone to turn it on. The microphone indicator will flash, and it will automatically pair with the speaker shortly. Once connected successfully, the microphone icon  on the speaker display and the microphone indicator light will both remain solid.

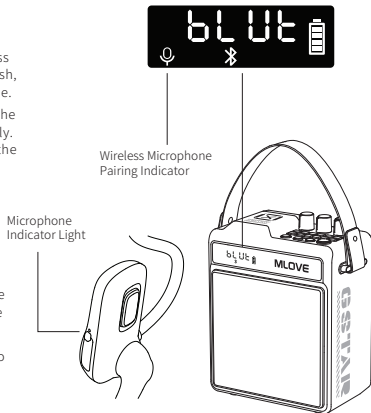
Microphone Lock:

After a successful connection, triple-press the microphone power button to lock the device. Once locked, the microphone will only reconnect to the locked device. Double-press the power button to unlock.

Additional Instructions

The speaker supports connecting two wireless headset microphones. To connect the second headset microphone, simply turn it on, and it will automatically pair with the speaker shortly.

After a successful connection, the wireless microphone will automatically attempt to reconnect for 30 seconds each time it is powered on. If reconnection fails within 30 seconds, it will enter pairing mode.



11 Technical Specifications

English

Speaker Specifications

Speaker System: 4-inch full-range speaker

Bass Enhancement: 106 × 122mm passive radiator

Playback Function: Bluetooth wireless playback, TF card/USB plug-and-play

Input Ports: 3.5mm AUX-IN, 6.35mm instrument input

Supported Formats: MP3, WMA, WAV, FLAC, APE (Micro SD Card/USB)

Special Features: Local recording, digital karaoke, single-track repeat, microphone priority, wireless karaoke performance

Battery Type: Lithium-ion battery 14.8Wh

Charging Method: DC 5V 1~3A USB Type-C

Charging Time: Approximately 2 hours (adapter ≥5V/3A)

Product Dimensions: 170mm × 207mm × 98mm

Product Weight: Approx. 1350g (excluding microphone)

Microphone Specifications

Charging Port: USB Type-C

Charging Method: DC 5V-1A

Charging Time: Approximately 3.5 hours

Microphone Dimensions: 178 × 46.8 × 46.8 mm

Microphone Weight: Approximately 160 g

Wireless Headset Microphone Specifications

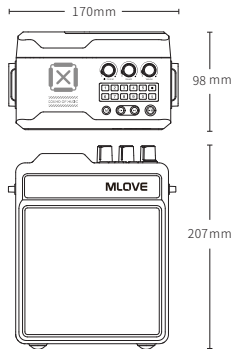
Charging Port: USB Type-C

Charging Method: DC 5V-1A

Charging Time: Approximately 3 hours

Microphone Dimensions: 252 × 105 × 40 mm

Microphone Weight: Approximately 26 g





MANUFACTURER:

Manufacturer: Shenzhen See Me Here Electronic Co., Ltd.

Address: 1st Floor, 2nd Floor, 3rd Floor, 5th Floor, Building B, TongFuYu
Industrial Park, No.32 Hangkong Road, Sanwei Community, Hangcheng
Street, Baoan district, Shenzhen, China

mlove@hscke.com www.mlovelife.net

FCC Caution

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:

- (1) This device may not cause harmful interference, and
- (2) this device must accept any interference received, including interference that may cause undesired operation.

Any Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

The device has been evaluated to meet general RF exposure requirement. The device can be used in portable exposure condition without restriction.