

Mechanical LY-L1 Bluetooth Speaker

User Manual

Made in China

Introducing the Mechanical LY-L1 Bluetooth Speaker

Wireless mode knob

Power on/off

Previous/next track knob

Lighting zone

Volume knob

Charging port

Charging indicator light

Accessories: Charging cable, AUX cable, User manual

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1

Quick Installation

Powering On the Product

- To power on the device, press and hold the power button for 3 s while it is in the off state.
- To power off the device, press and hold the power button for 3 s while it is in the on state.
- To perform a complete reset, press and hold the power button for 8 s.

Device charging

- Plug one end of the charging cable into the standard 5V power adapter, and the other end into the Type-C charging port on the electronic device. Turn on the power to charge the device.
- Charging: The indicator light is red.
- Fully charged: The indicator light is green.

Bluetooth connection

- When the device is turned on, Bluetooth is turned on and searched, the Bluetooth indicator light flashes, and the blue indicator light stays on after Bluetooth connection.
- When connecting for the first time, the time from discovery to connection is within 5 s.
- After the first connection is successful, the default connection device will be opened subsequently, and the connection will be reconnected within 2s normally (reconnection will be reconnected within 10s under abnormal circumstances). At the same time, the playback action before Bluetooth disconnection will be resumed within 3s.

2

Daily Operations

Wireless mode knob

Indicator position

BT

AUX

LL

SML

1. BT Bluetooth

- When the mode knob is turned to Bluetooth mode, the device enters Bluetooth search mode, and a Bluetooth activation sound is heard. The Bluetooth indicator light flashes, indicating a blue light.
- In Bluetooth mode, press and hold the mode knob for 5s to reset Bluetooth. This action will disconnect the currently connected device, performing a Bluetooth reset.
- Bluetooth mode defaults to the Music EQ sound effect.

3

2. LL Low Latency Mode

- When the mode knob is turned to the Low Latency mode, the Bluetooth enters low latency state, and the indicator light turns green. This mode is suitable for mobile gaming operations.
- In this mode, the Bluetooth range is reduced, and the audio quality may decrease.
- Low Latency mode defaults to the Gaming EQ sound effect.

3. Bluetooth TWS Mode

- When the mode knob is turned to Bluetooth TWS mode, the device enters Bluetooth search mode, and a Bluetooth activation sound is heard. The Bluetooth indicator light flashes, displaying a purple color.
- When two L1 units are simultaneously set to Bluetooth TWS mode, they will automatically pair and form a stereo pair.
- In Bluetooth TWS mode, press and hold the mode knob for 5s to reset Bluetooth TWS. This action will disconnect the currently connected device, performing a Bluetooth reset.

4. AUX Mode

- When the device is powered on and switched to Bluetooth AUX mode, the indicator light turns orange.
- When the mode knob is turned to AUX mode, the device can utilize the AUX functionality. (Adjust the volume to a suitable level in AUX mode. If you switch to Bluetooth mode and then back to AUX mode, the volume will be the same as when it was switched to Bluetooth.)

4

Previous/Next Track Knob

Rotary Knob Track Selection:

- Rotate the knob clockwise briefly and release for the next track.
- Rotate the knob counterclockwise briefly and release for the previous track.
- Rotate the knob clockwise and hold without releasing. The track will fast forward at a speed of 5s per rotation. Release the knob to resume normal playback speed.
- Rotate the knob counterclockwise and hold without releasing. The track will rewind at a speed of 5s per rotation. Release the knob to resume normal playback speed.
- Short press the knob, and the spectrum lights will change color, indicating a visual feedback for track selection.

5

Volume Knob

- Rotate the knob clockwise to increase the volume. The more you rotate, the louder the sound.
- Rotate the knob counterclockwise to decrease the volume. The more you rotate, the quieter the sound.
- Short press the volume knob, and the ambient light ring inside the speaker grille will change color, creating a dynamic atmosphere.
- While a track is playing, short press the volume knob to toggle between play and pause functionality.

6

Other introduction

Low Battery:

- When the device battery level drops below 20%, a Bluetooth universal alert sound will play at 10%. The alert sound is a non-repeating tone, and a total of 2 alert sounds will play before the device automatically shuts down.
- Some Android phones support Bluetooth device battery level readout in the Bluetooth device list and display the battery level in the top status bar.
- For iOS (Apple) phones, the current device battery level can be viewed directly in the top status bar.

Sleep and Wake-up:

- When the device is in the powered-on state but not connected to Bluetooth, it will gradually enter sleep mode after 10 minutes of inactivity. During this time, the Bluetooth indicator light changes from rapid flashing to slow flashing. Press any key to wake up the device, and it will be ready to establish a new Bluetooth connection.
- When the device is in the powered-on state, connected to Bluetooth but with no audio output for 20 minutes, it will gradually enter sleep mode. While in sleep mode, Bluetooth will automatically disconnect. Press any key to wake up the device, and Bluetooth will automatically reconnect within 2 s. After successful reconnection, the device resumes playback from where it paused.

7

Basic parameters

Product Name	Mechanical LY-L1 Bluetooth Speaker
Product number	LY-L1
Dimensions	129x129x98mm
Connection method	Bluetooth, wired
Bluetooth version	BT5.3
Playback Duration	12h
Channel Type	Dual-channel
Power output	10Wx2
Frequency Response	20Hz-20kHz
Signal-to-Noise Ratio	80db
Distortion	<0.05%
Battery Specifications	7.4V/2500mAh
Charging Interface	Type-C
Protection Level	IPX4
Charging Voltage	5V~2A
Battery Life	8h

8

Precautions

- Please read the user manual carefully. In case of damage, seek inspection and repair from qualified professionals.
- Place the speaker on a stable surface to prevent it from falling and causing damage or personal injury.
- Avoid exposing the speaker to harsh environments such as dampness, high temperatures, or oil stains. Keep it away from direct sunlight and rain.
- Do not place any containers filled with water on top of the speaker, and refrain from placing any form of open flame, such as lit candles, on the speaker.
- If the speaker is not used for an extended period, please turn off the power.
- Ensure that the power cord is not stepped on or compressed, especially at the plug and device connection points.
- Power off the speaker before wiping it with a dry cloth for cleaning.
- Adjust the speaker volume to a suitable level to prevent damage to your hearing and the device.

9

说明书
尺寸：80*125mm
材质：80g书纸，风琴折，四色印刷

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.

Caution: Any changes or modifications to this device not explicitly approved by manufacturer could void your authority to operate this equipment.

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.

The device has been evaluated to meet general RF exposure requirement.