

Guangdong Yiheng Technology Co., Ltd.

wireless microphone

specification

Microphone model: T9637MZ Frequency band: 2.3G Material: Semi-metallic Color: Plastic matte black Trademark:ELIRIR

Microphone model: T9637MZ Frequency band: 2.3G Material: Semi-metallic Color: Grey-green matte black Trademark:ELIRIR

Receiver model: MW-208

product description:

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– : Diagram of the microphone appearance

Microphone appearance picture: (Picture 1)

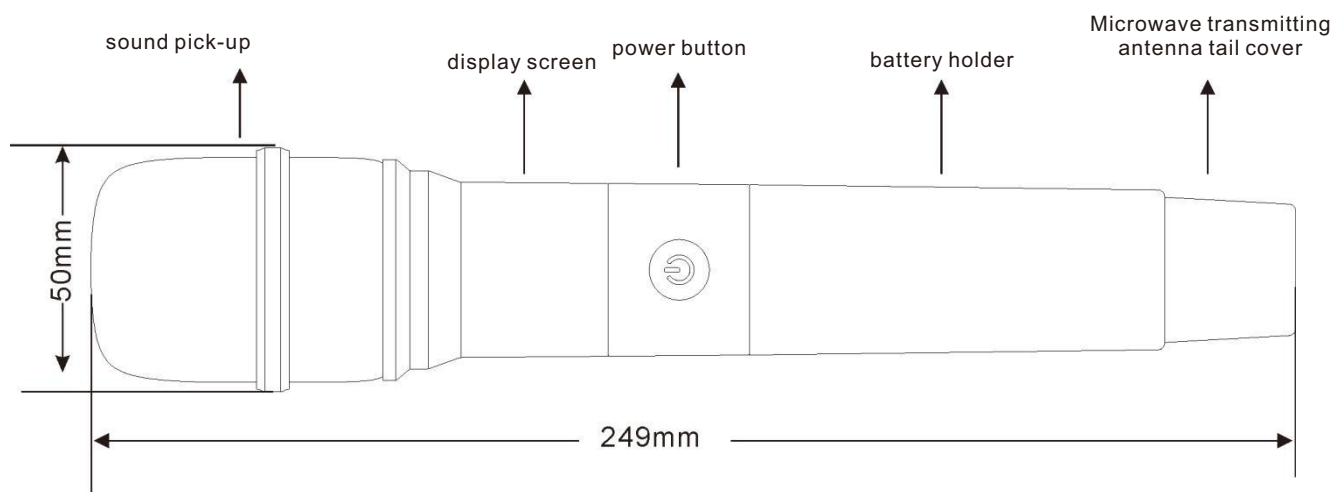


Microphone appearance diagram: (Figure 2)



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Microphone size diagram: (Figure 2)



Microphone weight: 270g

二: Function Description of Microphone



1:Microphone cover

Purpose: To protect microphone diaphragms and other components from dust, water droplets and external impacts, while reducing wind noise, suppressing sound wave reflection, and ensuring the clarity of sound transmission.

2:Microphone display

Function: Displays information about the microphone's operation, battery level, signal, etc.

3:power button

Function: To turn on and off the microphone.

4:Microphone housing

Purpose: To fix the internal circuit structure, resist collisions, dust, provide protection, and also isolate external interference.

5:Microphone antenna

Purpose: To transmit audio/radio frequency signals, ensuring stable communication with the receiver.

≡:Receiver Function Description



1:Receiver output port

Purpose: Connect to the device and output signals to the subsequent equipment.

2:Display window

Purpose: To display information such as battery level, connection status, etc.

3:Power button

Purpose: For turning on and off the device.

4:TYPC-C charging port

Function: Charging function.

四：System Parameter Explanation

Description of Microphone Performance Parameters				
performance parameter	minimum	representative	maximum	measuring unit
working voltage	3.2	3.7	4.2	V
working current	20	25	30	mA
standby current	1.5	2.0	3.0	uA
transmitted power		0		dBm
frequency response	40		15000	HZ
Maximum deviation frequency	-10	0	10	HZ
working hours	23	24	25	1200ma Hbattery
charging voltage	4.8	5	6	V
charge current	200	220	256	mA
operating temperature	-10	25	50	degree centigrade °C
storage temperature	-30	20	60	degree centigrade °C

Receiver Performance Parameter Description				
performance parameter	minimum	representative	maximum	measuring unit
working voltage	3.2	3.7	4.2	V
working current	24	25	30	mA
receive sensitivity		0		dbm
frequency response	40		1500	HZ
Maximum deviation frequency	-10	0	10	HZ
degree of distortion	0.05	0.1	0.12	%
signal gain	-42	-40	-38	dBV/Pa
operating temperature	-10	25	50	degree centigrade °C
storage temperature	-30	20	60	degree centigrade °C
receiving distance	30	50	60	meter
SNR(Signal to Noise Ratio)		-85		dbm

五:Microphone Usage Instructions

Question: How to use the microphone correctly?

Answer: First, make sure the microphone battery is properly inserted. Press and hold the power button for 1 second to normally turn on the wireless microphone. Then it can be used normally. Press and hold the power button for 3 seconds to turn off the microphone. Please refer to the following usage guide when using it.



Question: How to adjust the volume of the microphone?

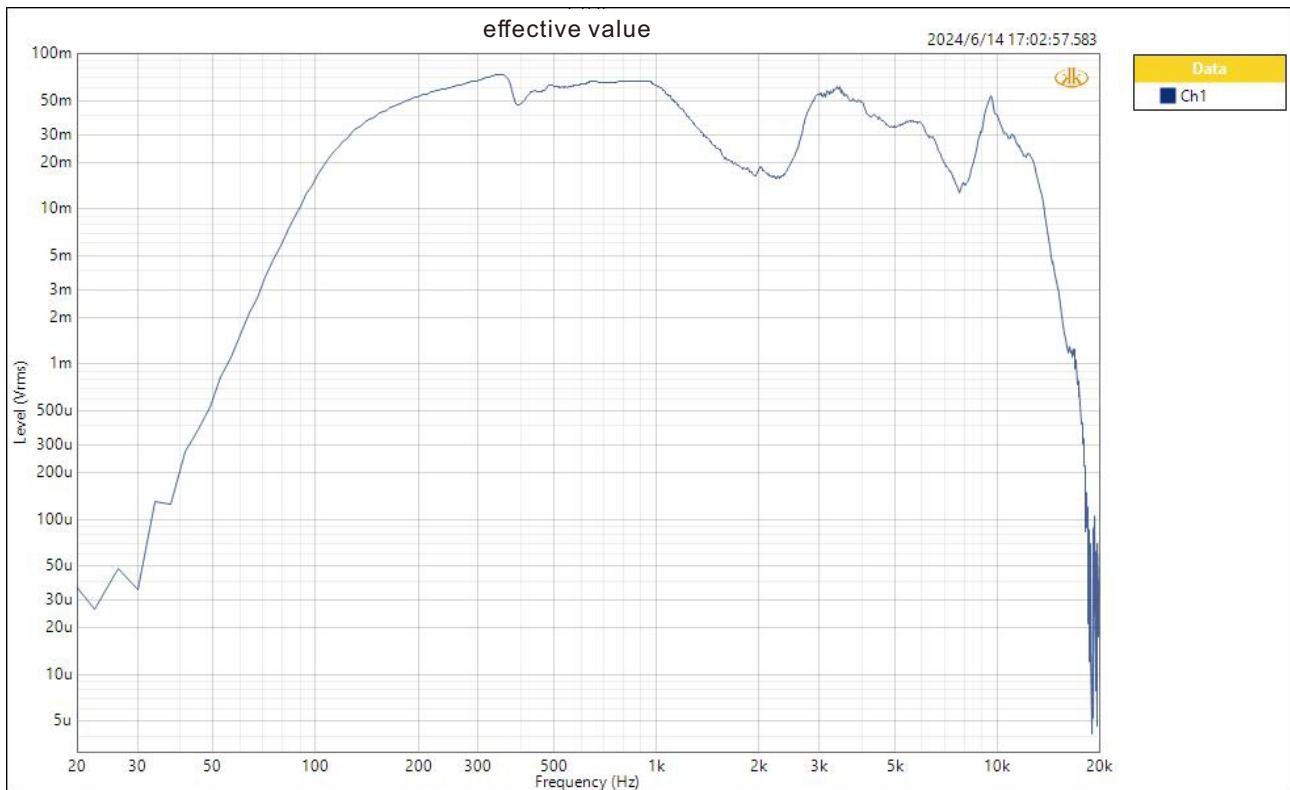
Answer: When the microphone is on, unscrew the tube at the bottom of the microphone. Press the plus button to increase the volume, and press the minus button to decrease the volume.

Question: How to lock the microphone with the speaker?

Answer: Step 1: Press and hold the power button for 1 second to activate the microphone. Step 2: Turn on the corresponding audio device you want to lock. Step 3: Press the plus button to select lock, and press the minus button to select unlock. Step 4: Press the power button once to confirm the selection made in Step 3. After that, you can use the microphone normally.

Attached is an audio curve graph.

- 1: Testing equipment Ap525;
- 2: Test environment - Laboratory;
- 3: Test conditions - Test with a microphone with built-in microphone core;
- 4: The following is the reference chart for the test results;



FCC Warning

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. 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.

Radiation Exposure Statement This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment.