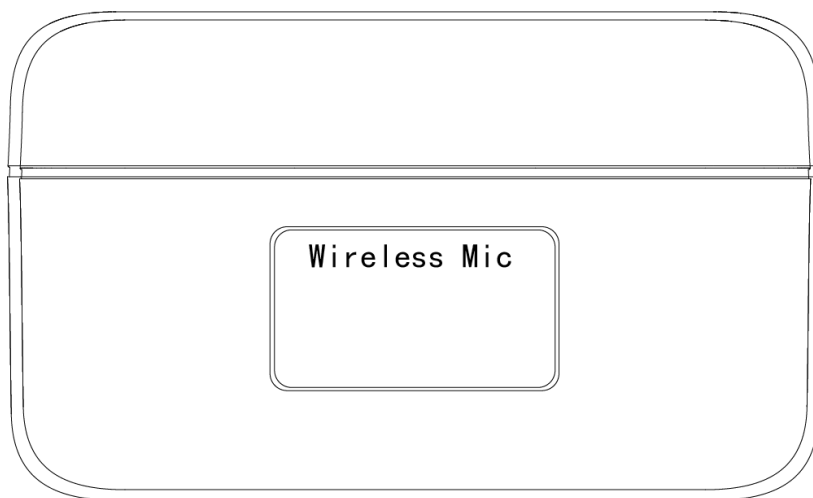


# Q9 Wireless Lavalier Microphone User Manual



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## **I. Introduction:**

Thank you for choosing YiQoi's Q9 Wireless Lavalier Microphone! The Q9 consists of two transmitters and one receiver, and supports 48KHz audio recording with synchronized voice and background sounds. Equipped with a simple portable mixer, it supports 2.4G and Bluetooth connectivity with four major functions of noise reduction, reverb, monitoring, and ducking and dodging as well as twelve types of effect sounds. Suitable for TV broadcasting, speech, education and training, live broadcasting and other scenarios.

## **II. Accessories:**

- Transmitters x 2
- Receiver x 1
- Charging Case x 1
- Charging Cable x 1
- Monitor Headphone x 1
- Adapter (Type-C to Lightning) x 1
- Organizer x 1
- Instruction manual x 1

### **III. Methods of use:**

#### **1. Linking:**

- **Routine use:** open the charging compartment, take out the receiver and insert it into the cell phone, the 2.4G indicator light flashes; take out the transmitter, long press the power on button for 2 seconds, the connection icon flashes, the product is automatically connected, if the blue light is always on, the connection is successful.

- **Simultaneous recording of voice and background sounds for use (two cell phones are required):**

- **Cell phone one (recording sound use):** open the charging compartment, take out the receiver and insert it into the cell phone, the 2.4G indicator light is flashing; take out the transmitter, long press the power on button for 2 seconds, the connection icon is flashing, the product is automatically connecting, if the blue light is always on, then the connection is successful.

- **Cell phone two (play background sound use):** take out the transmitter, long press the power-on button for 2 seconds, the connection icon flashes, the product is automatically connected; open the cell phone bluetooth, find the name: Q9 device to connect, if the blue light is always on, then the connection is successful.

#### **2. Wear:**

- The best place to place the product is on the collar. Wear it with

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the back clip, which clips onto the collar; or wear it with the magnet, which places the clip magnet on the back of the collar and secures the TX to the front of the collar with the magnet.

### **3. Functions:**

- MIC OFF: Click the button, the transmitter indicator lights up and the microphone turns off. The transmitter indicator turns off and the microphone turns on.

- Noise Reduction: Click the button and the transmitter indicator lights up to turn noise reduction on. The transmitter indicator turns off to turn off noise reduction. The remote control can also be used to turn noise reduction on and off and adjust the noise reduction level L1-L5.

- Remote Control: Click the remote control buttons to access sound adjustments, effect tones, etc.

## IV. Specifications:

### - TX Specifications

2.4G chip	WS300A
Bluetooth Support Protocol	A2DP, AVRCP, HFP
Audio decoding method	LBC
Receiving Distance.	Face to face 30m; turn around 80m
Operating Frequency.	2.402GHz~2.480GHz
Transmission Power	MAX10dbm
Charging Input Voltage	DC5±0.25V
Operating Voltage	3.7V (3.3-4.2V)
Charge Cutoff Current	30mA
Charging Current	160mA
Auto Power Off Time	>3 min
Low Voltage Alert	3.5V
Low battery shutdown	3.3V
Pair name	Q9
Sensitivity	96±3DB
Frequency Range	20~20KHZ
Chip DAC Signal-to-Noise Ratio	>106db
Distortion (Distortion)	<1.0%
Delay	≥25ms
Operating Current	≤33mA
Hours of work	5-6h single transmitter; 60h with charging compartment
Shutdown Current	≥10uA
Charge Length	1h20min

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## - RX Specifications

2.4G chip	WS300A
Bluetooth Support Protocol	A2DP, AVRCP, HFP
Audio decoding method	LBC
Receiving Distance.	Face to face 30m; turn around 80m
Operating Frequency.	2.402GHz~2.480GHz
Transmission Power	MAX10dbm
Charging Input Voltage	DC5±0.25V
Operating Voltage	3.7V (3.3-4.2V)
Charge Cutoff Current	30mA
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Auto Power Off Time	>3 min
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Pair name	Q9
Sensitivity	96±3DB
Frequency Range	20~20KHZ
Chip DAC Signal-to-Noise Ratio	>106db
Distortion (Distortion)	<1.0%
Delay	≥25ms
Operating Current	≤33mA
Hours of work	5-6h single transmitter; 60h with charging compartment
Shutdown Current	≥10uA
Charge Length	1h20min

## V. Frequently asked questions:

### 1. Does the microphone automatically turn on and connect?

- The microphone will automatically turn off and charge every time you put it back into the charging compartment, turn it on when you take it out and plug it into the receiver, the 2.4G will automatically connect; Bluetooth requires pairing the device for the first time, and then automatically connects to devices that have already been paired.

### 2. Can listening be achieved with a 2.4G connection alone?

- Yes, but if you need to record sound and music at the same time, you need to connect both 2.4G and Bluetooth.

## VI. Technical support:

If you have any questions or need assistance, please contact us at:

- E-mail: [yiqoisupport@163.com](mailto:yiqoisupport@163.com)

## VII. Security information:

- **USE ENVIRONMENT:** Avoid use in humid or hot environments to prevent equipment damage. Do not place the device near a heat source, such as an electric heater or in direct sunlight.

- **CHARGING CAUTION:** Charge only with the supplied charging case or a compatible charging case recommended by the manufacturer. While charging, ensure that the charger and device are kept away from water sources to prevent the risk of short circuit or electric shock.



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- **Privacy:** Some wireless microphone may have signal interference risk, pay attention to the surrounding environment when using to avoid sensitive information leakage.
- **Electromagnetic radiation:** wireless transmission power is low, electromagnetic radiation is much lower than ordinary cell phones, long time use will not cause harm to the human body.
- **Troubleshooting:** If the equipment is found to be hot, smoky or abnormally noisy, stop using it immediately and contact technical support.

### FCC Statement

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.

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