

# LARK Wireless Microphone



(Transmitter)



(Receiver)



(Charging case)

## Product Introduction

LARK wireless microphone, mainly oriented to the education industry, is used for sound reinforcement or recording and broadcasting scenarios when teachers are teaching. Based on 2.4G wireless transmission technology, it creates an interference-free lecture environment for teachers, and the device has high performance and stability. Built-in intelligent algorithms such as AFC, AGC, ANS and EQ. It allows the teacher to deliver every word clearly to every student without worrying about loud and soft voices. The microphone used in the program is very small and light to wear; compared to traditional handheld microphones, the microphone allows teachers to free their hands and give full play to body language; compared to far-field microphones, the microphone's sound quality is better, allowing teachers to move around and pick up a wider range of sound.

A set of LARK microphones includes a charging compartment, a transmitter and a receiver. The charging compartment can quickly recharge the transmitter, and the receiver supports both USB Audio Card digital output and two analog outputs.

## Transmitter Features

- ✧ Used for teacher teaching scenarios, based on 2.4G wireless technology;
- ✧ Built-in AFC, AGC, ANS and EQ intelligent algorithms;
- ✧ No battery life anxiety, Li-ion battery lasts 6 hours;
- ✧ Equipped with fast charging compartment, can continuously charge the microphone more than two times;
- ✧ Very compact, 32mm in diameter and 12.5mm in thickness;
- ✧ Ultra-lightweight design, weighing only 9.7g;
- ✧ Two ways to wear (clip on clothes, lanyard around the neck), interaction is easier;
- ✧ Multi-room use, eliminate crosstalk (any microphone can be paired with any receiver);
- ✧ One teacher, one microphone, clean and hygienic;
- ✧ Simple operation, only one power-on button;
- ✧ Optional accessories such as lanyard, windshield and external antenna are available.

## Receiver Features

- ✧ 86 box design, easy to install;
- ✧ Auto frequency pairing near power on, auto disconnect after power off;
- ✧ The wireless receiver supports UAC digital output and analog output.

## Specification

Transmitter Parameters	
Category	Parameters
Transmission Mode	2.4G
Polarity Mode	Omnidirectional
Operating distance (without obstacles)	60 meters
RF Output Power	10dBm
Frequency Response	100Hz-20kHz
Sample Rate	48KHz
Bit Width	24bit
Signal-to-noise ratio	≥80dB
Built-in Battery Capacity	90mAh
Power supply mode	Built-in lithium battery power supply, charging case contact charging
Endurance	About 6 hours
Charging time	About 1 hours
Weight	9.7g
Dimension	32x32x12.5mm
Working Temperature	0°C~50°C
Receiver Parameters	
Category	Parameters
Transmission Mode	2.4G

Operating Distance (without obstacles)	60 Meters
RF Output Power	10dBm
Frequency Response	100Hz-20kHz
Sample Rate	48KHz
Bit width	24bit
Signal-to-Noise Ratio	≥ 80dB
Audio Output	UAC digital, balanced analog (sound reinforcement), 3.5mm analog (recording and playback)
Power Supply	DC 12V or USB Type-C Powered
Weight	30g
Dimension	86x86x20mm
Operating Temperature	0°C~50°C
Storage Temperature	-10°C~50°C