



# Microphone

## T-59E



### Description

The microphone adopts unique digital U-band transmission technology and pi/4-DQPSK modulation mode. It is characterized by stable transmission and strong anti-interference ability. In addition, it adopts ID code pilot technology to prevent co-frequency crosstalk, and adopts frequency sweep to avoid interference, etc.

### Feature

- \* Adopt unique digital U-band transmission technology, pi/4-DQPSK modulation mode, with strong anti-interference ability, low bit error rate, stable transmission.
- \* Easily pair the transmitter and receiver with infrared scanning and synchronization.
- \* Support automatic frequency scanning function to quickly find clear frequencies.
- \* Support reverberation adjustment function, which can achieve different reverberation effects through proportion adjustment, delay adjustment and level adjustment, making the sound more environmental, three-dimensional and expressive.
- \* Support the high, mid and bass adjustment functions of the microphone equalizer, which can change the spectrum balance of the audio, emphasize specific frequency bands and solve audio problems, achieving better audio effects and a better listening experience.
- \* Support audio encryption function. After turning it on, the microphone and receiver use unique ID code pilot encryption technology to achieve the effect of no cross-frequency of the equipment.
- \* Support adjusting the transmission power, including high and low transmission power, to meet the needs of different scenarios.
- \* With OLED display, users can check the device's transmit power status, switch microphone status, and power display status through the display screen.
- \* Support audio input through 3.5mm headphone jack.
- \* Support charging through Type-C port.
- \* With 4 battery holes, a single battery supports 15 hours of use; support expansion to 4 batteries to support 60 hours of continuous speaking.

### Specification

Frequency Range	540~590MHz、640~690MHz
Modulation	Pi/4-DQPSK
Frequency response	20Hz~20kHz ( ±3db )
Distortion	< 1%
Output Power	>5dbm (high power)
Battery	3.7V 18650 lithium battery (2400mAh)*1
Battery life (single battery)	Support 15 hours; one device can be expanded to 4 batteries to support 60 hours of continuous speaking
Charging time	2.5 hours
Volume(L×W×H)	136×140×48.5mm (excluding microphone pole)
Weight	0.7kg
Working distance	Sight distance 70 meters
Mic type	Gooseneck long mic pole