



# Lavalier bodypack transmitter

## T-59LC



## Description

This wireless lavalier microphone utilizes digital UHF transmission technology, offering low bit error rates, high transmission stability, strong anti-interference capabilities, ID code pilot technology to prevent co-channel crosstalk, and frequency sweeping to avoid interference. It offers flexible power options, supporting direct USB-C charging, a dedicated charging cradle, and AA batteries (compatible with NiMH, alkaline, and lithium batteries). The included lavalier microphone features a cardioid condenser design for quick and easy setup, perfect for professional presenters. It's suitable for training rooms, lecture halls, theaters, concerts, dance halls, and more.

## Features

- \*Based on digital UHF transmission technology, pi/4-DQPSK modulation, and domestic main control chip, it has a transmission distance of 80 meters; it has reverberation, equalization, intelligent mute, audio encryption, and power regulation functions.
- \*It has an audio encryption function. After it is turned on, the bodypack machine and the receiver use a unique ID code pilot encryption technology to achieve the effect of no cross-frequency transmission between the devices.
- \*Easily pair the bodypack transmitter to the receiver via infrared scanning and sync.
- \*The bodypack transmitter uses a 0.96-inch OLED screen, and users can view the device's transmission power strength, audio encryption status, battery power, frequency value, and mute icon through the display.
- \*The bodypack transmitter has a one-touch mute button, which is very practical.
- \*The bodypack transmitter has a volume adjustment button for users to adjust.
- \*With low power consumption design, the maximum continuous speaking time is over 10 hours.
- \*The power supply methods are flexible and diverse, supporting Type-C direct charging, charging base charging and No. 5 battery (compatible with NiMH/alkaline/lithium batteries) to meet the needs of different scenarios.
- \*The transmission power of the bodypack transmitter is adjustable from 1 to 7 levels, and the transmission power can be adjusted as needed to meet the needs of different scenarios.
- \*The lavalier design is highly discreet and effectively avoids visual distractions. Its core condenser microphone accurately captures sonic details for high-fidelity vocal reproduction. Its cardioid polar pattern significantly suppresses lateral and rear ambient noise, optimizing sound quality and purity from the perspective of sound source localization.
- \*It comes with a dedicated tie lavalier that supports hands-free fixing solutions, providing flexible mobility and operational convenience for scenarios such as hosting and giving speeches; it also comes with a windscreen to reduce noise from plosives, wind and breathing.



### Specification

Sound head	Condenser microphone (lapel microphone)
Frequency range	540MHz-590MHz, 640MHz-690MHz
Modulation method	pi/4-DQPSK
Frequency response	20Hz~20KHz (±3dB)
Signal-to-noise ratio	≥ 90 dB (XLR)
THD+N	<0.1%
Working distance	Sight distance 80 m
Line length	1m
Output power	≥10dBm
Working current	≤200mA
Charging port	1 × Type-C
Battery	2 × 3.7V lithium batteries (nominal)
Battery life	>10H
Size	8 7.33× 6 7.61× 2 7.72 mm
Weight	1 60 g (including battery)