



# Head-mounted bodypack transmitter

## T-59SC



## Description

This wireless headset 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 cardioid condenser microphone is quick and easy to set up, designed for professional presenters. It's suitable for training rooms, lecture halls, theaters, concerts, dance halls, and other settings.

## 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 AA 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 lightweight, head-worn design features an adjustable elastic headband and flexible microphone arm for a secure and comfortable fit while maintaining a professional stage presence. Its core, a highly sensitive condenser microphone, accurately captures vocal details for broadcast-quality sound reproduction. Combined with a cardioid polar pattern, it effectively suppresses ambient noise and feedback, making it particularly suitable for high-SPL performances.
- \*The standard removable windscreen significantly reduces plosives, stage noise, and breath noise. The microphone arm offers 360° adjustment to accommodate different face shapes and vocal styles. The invisible cable design prevents tangles, providing a free-flowing professional audio solution for singers, lecturers, livestreamers, and more.



### 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)