



## Description

The device features a built-in receiver , a lavalier wireless bodypack , and a handheld wireless microphone . It utilizes digital UHF transmission technology, resulting in low bit error rates and high transmission stability. It also boasts strong anti-interference capabilities, uses ID code pilot technology to prevent co-channel crosstalk, and can be scanned to avoid interference. It offers flexible power options, including USB-C direct charging, a dedicated charging cradle, and AA batteries (compatible with NiMH, alkaline, and lithium batteries). It's suitable for conference rooms, lecture halls, theaters, karaoke, concerts, and dance halls

## 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.
- \*features a receiver, a wireless belt-pack transmitter , and a handheld wireless microphone . It operates in two frequency bands: 540MHz-590MHz and 640MHz-690MHz. Its ergonomic design and rounded shape fit the curve of your hand for a comfortable grip.
- \*It has audio encryption function. After it is turned on, the transmitter and receiver use unique ID code pilot encryption technology to achieve the effect of no cross-frequency communication between devices.
- \*It has multi-band equalization adjustment function, 2197 types of equalization adjustment, microphone equalizer adjustment function, with three adjustment gears of high, medium and bass, and each effect supports 13 gears of adjustment.
- \*It has an automatic mute function. When the microphone is dropped or thrown, it will automatically mute in milliseconds to avoid impact sound. It monitors the device posture in real time, mutes after 5 seconds of rest and shuts down after 8 minutes, without manual intervention.
- \*It has an automatic frequency scanning function, which can quickly find a clear frequency for the transmitter and is easy to operate.
- \*Easily pair transmitters and receivers via infrared scanning and sync.
- \*It has multi-level reverberation adjustment function, 15625 reverberation effects, effect ratio, reverberation delay, and reverberation amplitude adjustment. Each of the three sound effects has 25 levels of adjustment.
- \*The receiver has two balanced outputs and one unbalanced mixed output to meet the different needs of users.
- \*The receiver's front panel features two displays, two encoder knobs, two frequency scan buttons, two IR binding buttons, a power button, and a two-in-one indicator light (IR transmitter + binding indicator). The rear panel includes a LINE-OUT port, two XLR-OUT ports, two BNC ports, and a DC input. The transmitter has an OLED display, a power/mute button, and a status indicator.
- \*The receiver uses a 2.2-inch TFT-LCD display, through which users can view the device's RF signal strength, audio signal strength, microphone power status, transmitter battery level, current frequency value, volume level, language switching options, etc., making it easy to obtain current device information.



# Wireless Microphone

## T-592UTC

- \*The transmitter has a 0.96-inch OLED display that can display frequency information, audio encryption status, power level, mute status, and battery level information.
- \*The transmitter offers flexible and diverse power supply options, including a Type-C charging port that supports direct Type-C charging, charging with a dedicated charging dock, and powering with AA batteries (compatible with NiMH/alkaline/lithium batteries) to meet the needs of different scenarios .
- \*The transmitter's transmission power is adjustable from 1 to 7 levels, and the transmission power can be adjusted as needed to meet the needs of different scenarios.
- \*The receiver panel is made with exquisite craftsmanship and looks elegant and beautiful; the microphone uses a high-fidelity dynamic microphone core and a professional sound cavity design, and the sound quality presents natural original sound.
- \*It has an ID code anti-crosstalk function and uses a 32-bit unique ID code for receiving and transmitting pairing. The sending and receiving ID codes must be the same for pairing, which can effectively prevent signals of the same frequency from crosstalking with each other.
- \*With long battery life, the transmitter can be used continuously for up to 10 hours.

## Specification

System indicators	
Frequency range	540MHz-590MHz , 640MHz-690MHz
Modulation method	pi/4-DQPSK
Frequency response	20Hz~20kHz (±3dB)
Signal-to-noise ratio	≥105dB (XLR)
THD+N	<0.1%
Headphone cable length	Line of sight 80 m
Receiver indicators	
Antenna interface	BNC/50Ω
Receive sensitivity	< -95dBm
Maximum output	Balanced output 500mV, unbalanced output 1000mV
power supply	DC 12V/1A
Working current	≤320mA
Dimensions (L×W×H)	482.6×212×44mm
Weight	2.225kg
Transmitter indicators	
Sound head	Condenser microphone (lapel microphone );Dynamic microphone ( handheld microphone )
Output power	≥10dBm
Working current	≤200mA
Charging port	1 × Type-C
Single transmitter battery	2 × 3.7V lithium batteries (nominal)
Battery life	>10H
Handheld microphone size	Length 248.9 mm × Diameter 49.6 mm
Bodypack Size	8 7.33× 6 7.61× 2 7.72 mm
Weight	Handheld microphone: 368.2 g (including battery) ; beltpack: 160 g (including battery)