



Wireless Microphone

T-594USC



Description

The device features a built-in receiver and four wireless bodypacks, utilizing digital UHF transmission technology for 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 dock, 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.
- *It has 1 receiving host and 4 head-mounted waist packs; the frequency range is 540MHz-590MHz and 640MHz-690MHz.
- *A unique encryption method is used for audio transmission to ensure the security of meeting content.
- *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 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's front panel features four TFT-LCD displays, four encoder knobs, four frequency scan buttons, four IR binding buttons, a power button, and a four-in-one indicator light (IR transmitter + binding indicator). The rear panel includes one LINE-OUT port, four XLR-OUT ports, four BNC ports, and a DC-in port. The transmitter has a display, four buttons (including a mute button, a volume-down button, a volume-up button, and a power button), a power status indicator, and a mute indicator.
- *The receiver has four 2.2-inch TFT-LCD displays.
- *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.
- *It has two balanced outputs and one unbalanced mixed output.
- *It has a one-button mute function and is very practical.
- *The receiver panel is made with exquisite craftsmanship and looks elegant and beautiful.
- *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.
- *One-touch frequency scanning to avoid interference; one-touch infrared binding for easy operation.
- *With long battery life, the transmitter can be used continuously for up to 10 hours.
- *The transmitter has a volume adjustment button to adjust the volume.
- *The transmitting power can be adjusted in 7 levels, and the transmitting power can be adjusted as needed.



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%
Working distance	Line of sight 50 m
Headphone cable length	1m
Receiver indicators	
Antenna interface	BNC/impedance 50 ohms
Receive sensitivity	< -95dBm
Maximum output	Balanced output 500mV, unbalanced output 1000mV
power supply	DC 12V/1A
Working current	550mA
Dimensions (W×D×H)	4 82.6 × 240 × 56.3 mm
Weight	2.55kg
Transmitter indicators	
Sound head	Condenser microphone (headset microphone)
Output power	≥10dBm
Working current	≤200mA
Charging port	1 × Type-C
Single transmitter battery	2 × 3.7V lithium batteries (nominal)
Battery life	>10H
Volume (including microphone capsule)	8 7.33× 6 7.61× 2 7.72 mm
Weight	1 60 g (including battery)