



## Wireless Microphone T-594UH

### Microphone call control embedded software V1.32



## Description

It is a digital wireless microphone system with a new solution architecture. The system adopts unique digital U-band transmission technology, pi/4-DQPSK modulation mode, highlighting low bit error rate and stable transmission performance. It is characterized by strong anti-interference ability, ID code pilot technology to prevent same-frequency crosstalk, and frequency scanning to avoid interference. It can be widely used in conferences, training, public broadcasting and other places.

## Feature

- \* Adopt unique digital U-band transmission technology, pi/4-DQPSK modulation mode, strong anti-interference ability, low bit error rate and stable transmission.
- \* The system includes a receiver + four handheld transmitters; the transmitter adopts an ergonomic design, with a rounded shape that fits the curve of the hand and a comfortable grip.
- \* The receiver panel is made with exquisite craftsmanship, elegant and beautiful; the microphone adopts a high-reduction dynamic microphone core and a professional sound cavity design, and the sound quality presents natural original sound.
- \* 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 automatic frequency scanning function, which can quickly find a clear frequency for the transmitter and is easy to operate.
- \* Support easy pairing of transmitter and receiver through infrared scanning and synchronization.
- \* Support reverberation adjustment function, with various adjustment methods such as proportion adjustment, delay adjustment and level adjustment, and can provide 25 gears for adjustment.
- \* Support the high, mid and bass adjustment functions of the transmitter equalizer, which can change the spectrum balance of the audio, emphasize specific frequency bands and solve audio problems, thereby achieving better audio effects and a better listening experience.
- \* Support two balanced outputs and one unbalanced mixing output to meet the different needs of users.
- \* The receiver adopts 2.2-inch TFT-LCD display screen, users can view the device's RF signal strength, audio signal strength, microphone on status, handheld microphone battery status, current frequency value, volume level, language switching options, etc. through the display screen, and can easily obtain current information about the device.
- \* The transmitter uses a 0.96-inch OLED screen. Users can check the device's transmit power intensity, audio encryption status, battery power, frequency value, smart mute status, and mute mark through the display screen.
- \* With auto mute function, when the microphone is dropped or thrown, it will automatically mute in milliseconds to avoid impact sound.
- \* The microphone supports a long-term automatic shutdown function. The device automatically detects the working status (in use, resting state). The microphone automatically mutes after 5 seconds of resting and turns off automatically after 8 minutes of resting.
- \* Support one-click mute button. Short press the button to turn on or off the microphone mute function.
- \* Using low-power design, the maximum continuous speech time is over 10 hours.



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#### Specification

System parameters	
Frequency range	540MHz-590MHz、640MHz-690MHz
Modulation mode	20Hz~20kHz ( $\pm 3\text{dB}$ )
Frequency response	$\pi/4$ -DQPSK
SNR	$\geq 105\text{dB}$ ( XLR )
THD+N	$< 0.1\%$
Working distance	Sight distance 80m
Receiver parameters	
Antenna interface	BNC/impedance 50 ohms
Receiver sensitivity	$< -95\text{dBm}$
Maximum output	Balanced output 500mV, unbalanced output 1000mV
Power supply	DC 12V/1A
Working current	550mA
Dimension (L×W×H)	483×223×44mm
Weight	2.55kg
Transmitter parameters	
Note	Dynamic microphone
Output Power	$\geq 10\text{dBm}$
Working current	$\leq 200\text{mA}$
Battery	2×1.5V(AA)
Battery life	$> 10\text{H}$
Dimensions (including microphone head)	246.5×34.4×34.4mm
Weight	0.4kg (including battery)