



Wireless Microphone T-594US

Microphone call control embedded software V1.32



Description

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

Features

- *Based on digital U-segment transmission technology, pi/4-DQPSK modulation and domestic main control chip, the transmission distance can reach 80 meters; it has reverberation, equalization, audio encryption and power regulation functions.
- *The system includes 1 receiving controller and 4 head-mounted bodypack transmitters; the frequency range can be selected from four bands: 470MHz-510MHz, 540MHz-590MHz, 640MHz-690MHz, and 807MHz-830MHz.
- *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.
- *It has multi-band equalization adjustment function, providing three adjustment levels: high, medium and bass. Each level supports 13 levels of adjustment, providing a total of 2197 equalizer adjustment levels.
- *It has a multi-level reverberation adjustment function, providing three sound effects: effect ratio, reverberation delay, and reverberation amplitude. Each has 25 levels of adjustment, providing a total of 15,625 reverberation effects.
- *The front panel of the receiver has 4 TFT-LCD displays, 4 encoder knobs, 4 frequency scanning physical buttons, 4 infrared frequency binding physical buttons, 1 power switch button, and 1 four-in-one indicator light (infrared transmitter + frequency binding indicator light); the rear panel has 1 LINE-OUT interface, 4 XLR-OUT interfaces, 4 BNC interfaces, and 1 DC interface. The transmitter has 1 display, 4 physical buttons (including 1 mute button, 1 volume reduction button, 1 volume increase button, 1 power switch), 1 power status indicator light, and 1 mute indicator light.
- *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 receiver has four channels balanced outputs and one channel unbalanced mixed output to meet the different needs of users.
- *It has a one-touch mute button. Short press the button to turn the transmitter mute function on or off.
- *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.
- *With low power consumption design, the transmitter can provide continuous speaking time of over 10 hours.
- *The system has a function lock function. After debugging is completed, the buttons and function pages can be locked to effectively prevent misoperation and modify the frequency, volume and various functions, etc. This can greatly reduce the problems caused by human misoperation.



Specification

System Specifications	
Frequency range	470MHz-510MHz, 540MHz-590MHz, 640MHz-690MHz, 807MHz-830MHz
Modulation	pi/4-DQPSK
Frequency response	20Hz~20kHz (±3dB)
Signal-to-noise Ratio	≥105dB (XLR)
Distortion	<0.1%
Working distance	Sight distance 80 meters
Receiver Specifications	
Antenna interface	BNC/Impedance 50 ohms
Receiving sensitivity	< -95dBm
Maximum output power supply	Balanced output 500mV, unbalanced output 1000mV
Working current	550mA
Dimensions (L×W×H)	483×223×44mm
Weight	2.55kg
Transmitter Specifications	
Sound head	Condenser microphone (headset microphone)
Output power	≥10dBm
Working current	≤200mA
Battery	2×1.5V(AA)
Battery life	>10H
Dimensions (L×W×H)	Bodypack transmitter: 86 × 65 × 24 mm
Weight	Bodypack transmitter: 185g (including battery) (XLR)