



Wireless Microphone T-594UD

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 one receiver + four square short microphone pole desktop microphones; the receiver has four balanced outputs and one unbalanced mixing output.
- * Support easy pairing of desktop microphone and receiver through infrared scanning and synchronization.
- * Support automatic frequency scanning function, which can quickly find a clear frequency for the transmitter.
- * Support reverberation adjustment function, which can achieve different reverberation effects through proportion adjustment, delay adjustment and level adjustment, making the sound more environmental, three-dimensional and expressive.
- * Support the high, mid and bass adjustment functions of the microphone 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 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 adjusting the transmission power, including high and low transmission power, to meet the needs of different scenarios.
- * The desktop microphone has an OLED display. Users can check the device's transmit power status, switch microphone status, and power display status through the display.
- * 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.
- * Support audio input through 3.5mm headphone jack.
- * Support charging through Type-C port.
- * With 4 battery holes, a single battery supports 15 hours of use; it can be expanded to 4 batteries to support 60 hours of continuous speaking.
- * Support one-click mute button, which is highly practical.



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Specification

System parameters	
Frequency range	540MHz-590MHz、640MHz-690MHz
Modulation mode	20Hz~20kHz (±3dB)
Frequency response	pi/4-DQPSK
SNR	≥105dB (XLR)
THD+N	< 0.1%
Working distance	Sight distance 70m
Desktop microphone indicator	
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 (L×W×H)	482.6×223×43.6mm
Weight	2.55kg
Desktop microphone indicator	
Output Power	≥5dBm (high power)
Charging time	2.5 hours
Battery	3.7V 18650 lithium battery (2400mAh)*1
Battery life (single battery)	Supports 15 hours, one device can be expanded to 4 batteries to support 60 hours of continuous speaking
Dimensions (L×W×H)	136×140×48.5mm (excluding microphone pole)
Weight	0.93kg
Microphone pole	Square short mic pole