Wireless Microphone T-594UE



Description

It is a digital wireless microphone system with a new solution architecture. The system adopts 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

*Based on the digital U-band transmission technology, pi/4-DQPSK modulation mode, using domestic main control chip, the transmission distance is 80 meters; it has reverberation, equalization, intelligent mute, audio encryption, and power adjustment functions.
*It has 1 receiving host and 4 desktop gooseneck microphone transmitters; the frequency range is 470MHz-510MHz, 540MHz-590MHz, 640MHz-690MHz, and 807MHz-830MHz.
*Support audio encryption function. After turning it on, the desktop microphone and the receiver use the unique ID code pilot encryption technology to achieve the effect of no cross-frequency of the equipment.
*It has multi-band equalization adjustment function, 2197 kinds of equalization adjustment, microphone equalizer adjustment function, with three adjustment gears of high, medium and bass, and each effect supports 13 gears of adjustment.
*Support automatic frequency scanning function, which can quickly find a clear frequency for the desktop microphone.
*Through infrared scanning and synchronization, the desktop microphone can be easily paired with the receiving host.
*It has a multi-level reverberation adjustment function, 15625 reverberation effects, effect proportion, reverberation delay, and reverberation amplitude adjustment, and each of the three sound effects has 25 adjustment modes.
*The receiving host has four balanced outputs and one unbalanced mixing output.
*The front panel of the receiver has 4 LCD display screens, 4 encoding knobs, 4 frequency scanning physical buttons, 4 infrared frequency binding physical buttons, 1 power switch button, and 1 two-in-one indicator light (infrared transmitting tube + frequency binding indicator light); the rear panel has 1 LINE-OUT interface, 4 XLR-OUT interfaces, 4 BNC interfaces, and 1 DC interface. The desktop transmitter has 1 TYPE-C charging port, 1 3.5mm headphone input interface, 1 LCD display screen, 1 power switch button, and 1 touch switch microphone button.
*The receiver has four 2.2-inch TFT-LCD display screens. Users can view the device's RF signal strength, audio encryption status, audio signal strength, microphone on status, handheld microphone battery status, current frequency value, volume, language switching options, etc. through the display screen, and can easily obtain the current information of the device.
*The transmitter has a 0.96-inch LCD display screen, which can display frequency information, audio encryption status, power gear, mute status, and battery grid information.
*The desktop microphone has a one-button mute function, which is very practical.
*The desktop microphone supports audio input through the 3.5mm headphone jack.
*The desktop microphone supports charging through the Type-C port.
*It has an ID code anti-crosstalk function, using a 32-bit unique ID code for receiving and transmitting pairing. The sending and receiving ID codes must be the same to pair, which can effectively prevent signals of the same frequency from interfering with each other.
*The desktop transmitter is equipped with a 2400mAh lithium battery with a usage time of 15 hours; the device has 4 battery holes, and the battery is expandable, which can be used continuously for 60 hours.

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Specification

System parameters	
Frequency range	470MHz-510MHz、540MHz-590MHz、640MHz-690MHz、807MHz-830MHz
Modulation mode	20Hz~20kHz （±3dB）
Frequency response	pi/4-DQPSK
SNR	≥105dB（XLR）
THD+N	＜0.1%
Working distance	Sight distance 80m
Receiver parameters	
Antenna interface	BNC/impedance 50 ohms
Receiver sensitivity	＜-95dBm
Maximum output	Balanced output 500mV, unbalanced output 1000mV; unbalanced microphone output 50mV
Power supply	DC 12V/1A
Working current	550mA
Dimension (W×D×H)	482.6×240.07×56.3mm
Weight	2.55kg
Desktop microphone parameters	
Output Power	≥5dBm (high power)
Charging time	2.5 hours
Battery	18650 lithium battery (2550mAh)*1
Battery life (single battery)	Supports 15 hours, one device can be expanded to 4 batteries to support 60 hours of continuous speaking
Dimensions (W×D×H)	136×140×48.5mm (excluding microphone pole)
Weight	0.7kg
Microphone pole	380mm split gooseneck long microphone bar