



Wireless Microphone T-592UD

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 and pi/4-DQPSK modulation mode. It is characterized by low bit error rate, stable transmission and strong anti-interference ability. In addition, it adopts ID code pilot technology to prevent co-frequency crosstalk, and adopts frequency sweep to avoid interference, etc. It can be widely used in conferences, training, public broadcasting, large-scale parties 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 controller and 2 desktop short microphone pole transmitters; the frequency range is 470MHz-510MHz, 540MHz-590MHz, 640MHz-690MHz, and 807MHz-830MHz.
- *It has an audio encryption function. After it is turned on, the transmitter and the receiver use a unique ID code pilot encryption technology to achieve the effect of no cross-frequency of the equipment.
- *It has a multi-band equalization adjustment function, 2197 types of equalization adjustment, and a microphone equalizer adjustment function. It has three adjustment gears of high, medium and bass, and each effect supports 13 gears of adjustment.
- *It has a multi-gear reverberation adjustment function, 15625 reverberation effects, effect proportion, reverberation delay, and reverberation amplitude adjustment. The three sound effects each have 25 gears of adjustment.
- *The front panel of the receiver has 2 TFT-LCD displays, 2 encoding knobs, 2 frequency scanning physical buttons, 2 infrared frequency binding physical buttons, 1 power switch button, and 1 two-in-one indicator light (infrared transmitter + frequency binding indicator light); the rear panel has 1 LINE-OUT interface, 2 XLR-OUT interfaces, 2 BNC interfaces, and 1 DC interface. The desktop transmitter has 1 TYPE-C charging port, 1 3.5mm headphone input interface, 1 OLED display, 1 power switch button, and 1 touch switch microphone button.
- *The receiver has 2 2.2-inch TFT-LCD displays. Users can view the device's RF signal strength, audio signal strength, microphone on status, desktop microphone battery status, current frequency value, volume, language switching options, etc. through the display, and can easily obtain the current information of the device.
- *The transmitter has a 0.96-inch OLED display that can display frequency information, audio encryption status, power gear, mute status, and battery level information.
- *The receiver has two balanced outputs and one unbalanced mixed output.
- *It has an ID code anti-crosstalk function and uses a 32-bit unique ID code for receiving and transmitting pairing. The receiving and transmitting 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 through expansion.
- *The receiver supports adjusting the transmission power, including 1 to 7 transmission power levels to meet different scenarios.
- *The desktop microphone supports charging through the Type-C port.
- *The receiver panel is made with exquisite craftsmanship and looks beautiful.
- *The desktop microphone has a one-button mute button. Short press the button to turn on or off the transmitter mute function.
- *The desktop microphone supports audio input through the 3.5mm headphone jack.
- *When the desktop microphone is too low in power, the receiver display will give a low power reminder.
- *Easily pair the transmitter and receiver through infrared scanning and synchronization.
- *With automatic frequency scanning function, you can quickly find a clear frequency for the transmitter, and the operation is simple.



Specification

System indicators	
Frequency range	540MHz-590MHz、640MHz-690MHz
Modulation mode	pi/4-DQPSK
Frequency response	20Hz~20kHz (±3dB)
SNR	≥105dB (XLR)
THD+N	< 0.1%
Working distance	Sight distance 70 meters
Receiver specifications	
Antenna interface	BNC/50Ω
Receive sensitivity	< -95dBm
Maximum output	Balanced output 500mV, unbalanced output 1000mV
Power supply	DC 12V/1A
Working current	≤320mA
Volume(L×W×H)	482.6×212.2×43.6mm
Weight	2.225kg
Transmitter indicators	
Output Power	≥5dBm (high power)
Charging time	2.5 hours
Battery	3.7V 18650 lithium battery (2400mAh)*1
Battery life (single battery)	Support 15 hours, one device can be expanded to 4 batteries to support 60 hours of continuous speaking
Volume(L×W×H)	136×140×48.5mm (excluding microphone pole)
Weight	0.93kg
Microphone pole	240mm integrated square short microphone rod (light black)