



Wireless Microphone T-592UTS

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, teaching, KTV, public broadcasting, weddings, large 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, the receiver has 2 balanced outputs and 1 unbalanced mixing output; it has reverberation, equalization, intelligent mute, audio encryption, and power adjustment functions.
- *It has 1 receiving controller, 1 handheld transmitter, and 1 collar waistband transmitter; the frequency range is 470MHz-510MHz, 540MHz-590MHz, 640MHz-690MHz, and 807MHz-830MHz.
- *It uses a unique encryption method for audio transmission to ensure the content of the meeting.
- *It has multi-band equalization adjustment function, 2197 types of equalization adjustment, microphone equalizer adjustment function, with three adjustment gears of high, medium and bass, and each effect supports 13 gears of adjustment.
- *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.
- *It has an automatic mute function. When the microphone falls or is thrown, it automatically mutes in milliseconds to avoid impact sound; real-time monitoring of the device posture, 5 seconds of silence, and 8 minutes of shutdown, without manual intervention.
- *The front panel of the receiver has 2 TFT-LCD display screens, 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 waistpack transmitter has 1 display screen, 4 physical buttons (including 1 mute button, 1 volume reduction button, 1 volume increase button, 1 power switch key), 1 power status indicator light, and 1 mute indicator light. The handheld transmitter has 1 OLED display, 1 power on/off/mute button, and 1 working status indicator.
- *The receiver has 2 2.2-inch TFT-LCD displays.
- *The transmitter has a 0.96-inch OLED display, which can display frequency information, audio encryption status, power gear, mute status, and battery level information.
- *The receiver panel is made with exquisite craftsmanship and looks beautiful.
- *It has an ID code anti-crosstalk function and uses a 32-bit unique ID code for receiving and transmitting pairing. The receiving and sending ID codes must be the same to pair, which can effectively prevent signals of the same frequency from interfering with each other.
- *One-click frequency scanning can avoid interference; one-click infrared frequency matching is simple to operate.
- *It has a long battery life and the transmitter can be used continuously for 10 hours.
- *There is a volume adjustment button on the waist pack for users to adjust.
- *The handheld microphone automatically mutes after 5 seconds of static and automatically shuts down after 8 minutes.
- *The transmission power of the handheld microphone and waist pack can be adjusted as needed.
- *The handheld microphone and waist pack can be muted with one button, which is very practical.
- *The handheld microphone adopts ergonomic design, with a rounded shape that fits the curve of the hand and feels comfortable to hold.
- *When the handheld microphone falls or is thrown, it will automatically mute in millisecond response to avoid impact sound.



Specification

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| System parameters | |
| Frequency range | 470MHz-510MHz、 540MHz-590MHz、 640MHz-690MHz、 807MHz-830MHz |
| Modulation mode | pi/4-DQPSK |
| Frequency response | 20Hz~20kHz (±3dB) |
| SNR | ≥105dB(XLR) |
| THD+N | < 0.1% |
| Working distance | About 80m |
| Receiver parameters | |
| Antenna interface | BNC/50Ω |
| Receiver sensitivity | < -95dBm |
| Maximum output | Balanced output 500mV, unbalanced output 1000mV |
| Power supply | DC 12V/1A |
| Working current | ≤320mA |
| Dimension (L×W×H) | 440×203×44mm |
| Weight | 2.225kg |
| Transmitter parameters | |
| Handheld mic cartridge | Dynamic Microphone (Handheld Microphone) Condenser Microphone (Lavalier Microphone) |
| Lapel mic cartridge | ≥10dBm |
| Output power | ≤200mA |
| Working current | 2×1.5V(AA) |
| Battery | >10H |
| Battery life | Handheld microphone: 246.5×34.4mm ; waistbag unit: 86×65.3×23.8mm |
| Dimension (including cartridge) | Handheld microphone: 0.4kg (including battery); waistbag unit:185g (including battery) |