



Wireless Microphone T-598UD

Microphone call control embedded software V3.008



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 a receiver + eight square short microphone pole desktop microphones; the receiver has eight balanced outputs and two unbalanced mixing outputs.
- * 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

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| 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 |
| Receiver parameters | |
| Antenna interface | BNC/impedance 50 ohms |
| Receiver sensitivity | < -95dBm |
| Maximum output | Balanced output 500mV, unbalanced output 1000mV |
| Power supply | DC 12V/3A |
| Working current | 1.12A |
| Dimension (L×W×H) | 482.6×213.9×88.1mm |
| Weight | 3.8kg |
| Desktop microphone parameters | |
| 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 |
| Dimensions (L×W×H) | 136×140×48.5mm (excluding microphone pole) |
| Weight | 0.93kg |
| Microphone pole | 240mm integrated square short microphone rod (light black) |