



# Wireless Microphone T-592UH

## 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, and uses ID code pilot technology to prevent cross-frequency interference, and frequency sweep to avoid interference, characterized by low bit error rate, stable transmission, and strong anti-interference ability. It can be widely used in conferences, training, teaching, KTV, public broadcasting, weddings 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 handheld transmitters; the frequency range is 470MHz-510MHz, 540MHz-590MHz, 640MHz-690MHz, and 807MHz-830MHz. The transmitter adopts ergonomic design, the shape is rounded and fits the curve of the hand, and it feels comfortable to hold.
- \*It has audio encryption function. After it is turned on, the transmitter and receiver use 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.
- \*It has an automatic mute function. When the microphone falls or is thrown, it will automatically mute in milliseconds to avoid impact sound; it monitors the device posture in real time, and it will mute after 5 seconds of silence and shut down after 8 minutes without manual intervention.
- \*It has an automatic frequency scanning function, which can quickly find a clear frequency for the transmitter and is easy to operate.
- \*It can easily pair the transmitter and receiver through infrared scanning and synchronization.
- \*It has a multi-level reverberation adjustment function, 15625 reverberation effects, effect proportion, reverberation delay, and reverberation amplitude adjustment. The three sound effects each have 25 adjustment methods.
- \*The receiver has two balanced outputs and one unbalanced mixed output to meet the different needs of users.
- \*The front panel of the receiver has 2 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 transmitting tube + frequency binding indicator light); the rear panel has 1 LINE-OUT interface, 2 XLR-OUT interfaces, 2 BNC interfaces, and 1 DC interface. The transmitter has 1 OLED display screen, 1 power on/off/mute button, and 2 working status indicator lights.
- \*The receiver has 2 2.2-inch TFT-LCD display screens. Users can view the device's RF signal strength, 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 OLED display screen, which can display frequency information, audio encryption status, power gear, mute status, and battery grid information.
- \*The transmitter has a long-term automatic shutdown function. The device automatically detects the working status (in use, static state). The transmitter automatically mutes after 5 seconds of static, and automatically shuts down after 8 minutes of static.
- \*It has a one-button mute button. The microphone supports double-click mute and the microphone mute function can be canceled through the receiver.
- \*The receiver panel is made with exquisite craftsmanship and is beautiful. The microphone adopts a high-reduction dynamic microphone core and a professional sound cavity design, and the sound quality presents natural original sound.
- \*It has an ID code anti-crosstalk function and uses 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.
- \*It has a long battery life and the transmitter can be used for 10 hours.
- \*When the transmitter power is too low, the receiver display will remind you of low power.
- \*The transmitter power level supports 7 adjustable levels.

### Specification

<b>System</b>	
<b>Frequency range</b>	470-510MHz、540MHz-590MHz、640MHz-690MHz、807MHz-830MHz
<b>Modulation mode</b>	pi/4-DQPSK
<b>Frequency response</b>	20Hz~20kHz (±3dB)
<b>SNR</b>	≥105dB (XLR)
<b>THD+N</b>	<0.1%
<b>Working distance</b>	About 80m
<b>Receiver</b>	
<b>Display</b>	TFT-LCD screen
<b>Display resolution</b>	240×3RGB×320
<b>Distortion</b>	<0.05%



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<b>Antenna interface</b>	BNC/50Ω
<b>Receive sensitivity</b>	<-95dBm
<b>Maximum output</b>	Balanced output 500mV, unbalanced output 1000mV
<b>Power supply</b>	DC 12V/1A
<b>Working current</b>	≤320mA
<b>Dimension (L*W*H)</b>	443×212×44mm
<b>Weight</b>	2.225kg
<b>Transmitter</b>	
<b>Display</b>	OLED screen
<b>Display resolution</b>	128×64
<b>Microphone cartridge</b>	Dynamic Microphone (Dual Handheld Microphones)
<b>Output power</b>	≥10dBm
<b>Working current</b>	≤200mA
<b>Battery</b>	2×1.5V(AA)
<b>Battery life</b>	>10H
<b>Dimension (including microphone cartridge)</b>	245mm*39mm
<b>Weight</b>	0.4kg (including battery)