Wireless Microphone T-592UT

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.

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, 1 working status indicator, and 1 infrared frequency matching 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 sending and receiving ID codes must be the same to match the code, 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 handheld microphone and waist pack transmitter have 7 adjustable transmission power levels, and the transmission power can be adjusted as needed.
*The handheld microphone and waist pack transmitter 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 is comfortable to hold.
*When the handheld microphone falls or is thrown, it will automatically mute in millisecond response to avoid impact sound.

Specification

Model	T-592UT
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)	482.6×212×44mm
Weight	2.225kg
Transmitter parameters	
Mic type	Condenser Microphone (Headset Microphone)
	Moving coil Microphone (Lavalier Microphone)
Output power	≥10dBm
Working current	≤200mA
Battery capacity	2×1.5V(AA)
Battery life	>10H
Dimension	86mm*65.3mm*23.8mm(excluding mic cartridge)
Weight	185g (including battery)