Wireless Microphone T-592US customized

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; it has reverberation, equalization, intelligent mute, audio encryption, and power adjustment functions.

*It has 1 receiving controller and 2 head-mounted waist bags; 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 security of conference content.

*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 multi-gear reverberation adjustment function, 15625 reverberation effects, effect proportion, reverberation delay, and reverberation amplitude adjustment, and each of the three sound effects has 25 gears of adjustment.

*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 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 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 receiver has 2 2.2-inch TFT-LCD display screens;

*The transmitter has a 0.96-inch OLED display screen, which can display frequency information, audio encryption status, power gear, mute status, and power grid information.

*It has two balanced outputs and one unbalanced mixed output.

*It has a one-button mute function and is very practical.

*The receiver panel is made with exquisite craftsmanship and is beautiful.

*With ID code anti-crosstalk function, it 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.

*One-key frequency scanning to avoid interference; one-key infrared frequency pairing, simple operation.

*With long battery life, the transmitter can be used continuously for 10 hours.

*The transmitter has a volume adjustment key to adjust the volume.

*The transmission power is adjustable in 7 levels, and the transmission power can be adjusted as needed.

Specification

Model	T-592US customized
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 95m
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 (Dual Headset 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)