Wireless microphone T-592USA

Microphone Paging Control Embedded Software V 1.32

Description

This product 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 method. It has low bit error rate and stable transmission. Compared with most U-segment analog modulation in the industry, the product has the advantages of strong anti-interference ability, ID code pilot technology to prevent same-channel crosstalk, and frequency scanning to avoid interference. It can be widely used in conferences, training, teaching, KTV, broadcasting, weddings, large parties and other places.

Feature

*Based on the digital U-segment transmission technology, pi/4-DQPSK modulation mode, using domestic main control chip, the transmission distance is 80 meters; with intelligent mute, audio encryption, and power adjustment functions.
*It has 1 receiving controller and 2 head-mounted waistband transmitters.
*The front panel of the receiver has 1 3.6-inch LCD display, 10 physical function buttons (up key * 2, down key * 2, frequency * 2, sweep frequency * 2, setting * 2), 1 two-in-one indicator light (infrared transmitter + frequency indicator light), 1 power switch button, and the rear panel has 1 LINE-OUT interface, 2 XLR-OUT interfaces, 2 SMA interfaces, and 1 DC interface; the transmitter has 1 display, 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 frequency range is 540MHz-590MHz and 640MHz-690MHz.
*It has an audio encryption function. After it is turned on, the transmitter and the receiver use a unique ID code pilot encryption technology to achieve the effect of no cross-frequency transmission of the equipment.
*It can easily pair the transmitter and the receiver through infrared scanning and synchronization.
*It has an automatic frequency scanning function, which can quickly find a clear frequency for the transmitter and is easy to operate.
*The receiver has two balanced outputs and one unbalanced mixing output to meet the different needs of users.
*The receiver has a 3.6-inch LCD display, which can display frequency information, audio encryption status, power gear, mute status, and power grid information.
*The transmitter uses a 0.96-inch OLED screen. Users can view the device's transmission power intensity, audio encryption status, battery power, frequency value, and mute sign through the display.
*The receiver panel is made with exquisite craftsmanship and is beautiful.
*There is a volume adjustment button on the transmitter for users to adjust.
*The transmitter can achieve one-button mute, which is very practical.
*The transmission power is adjustable in 7 gears, and the transmission power can be adjusted as needed.
*With long battery life, the transmitter can be used continuously for 10 hours.
*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 crosstalking with each other.

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Specification

System indicators	
Frequency Range	540MHz-590MHz, 640MHz-690MHz
Modulation mode	pi/4-DQPSK
Frequency response	20Hz~20kHz (±3dB)
SNR	≥105dB(XLR)
THD+N	<0.1%
Working distance	Sight distance 80m
Receiver specifications	
Antenna interface	SMA/50Ω
Receive sensitivity	＜-95dBm
Maximum output	Balanced output 500mV, unbalanced output 1000mV
Power supply	DC 12V/1A
Working current	≤320mA
Dimensions (L×W×H)	214.6×209×43mm
Weight	1.15kg
Transmitter indicators	
Microphone cartridge	Condenser microphone (headset microphone)
Output Power	≥10dBm
Working current	≤200mA
Battery	2×1.5V(AA)
Battery lifespan	>10H
Dimensions (including Microphone cartridge)	Bodypack: 86 × 65 × 2 4 mm
Weight	Bodypack: 185g (including battery)