Wireless microphone T-592UVA

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

*Adopting unique digital U-segment transmission technology and pi/4-DQPSK modulation method, it has strong anti-interference ability, low bit error rate and stable transmission.
*The system includes an economical receiving host + a handheld transmitter + a headset bodypack transmitter; the handheld transmitter adopts an ergonomic design, with a round shape that fits the curve of the hand, making it comfortable to use.
*The receiver panel is made with exquisite craftsmanship and is elegant and beautiful; the handheld transmitter adopts a high-reduction dynamic microphone capsule and a professional sound cavity design, and the sound quality presents natural original sound.
*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 automatic frequency scanning function, which can quickly find a clear frequency for the transmitter and is easy to operate.
*Supports easy pairing of transmitter and receiver via infrared scanning and synchronization..
*The receiver has two balanced outputs and one unbalanced mixing output to meet the different needs of users.
*The receiver uses a 3.6-inch VA-LCD display. The user can view the device's RF signal strength, audio signal strength, transmitter on status, transmitter battery status, current frequency value, volume, etc. through the display, and can easily obtain the current status of the device information.
*The transmitter uses a 0.96-inch OLED screen. Users can check the device's transmit power intensity, audio encryption status, battery power, frequency value, smart mute status, and mute mark through the display screen.
*The handheld transmitter has an automatic mute function. When the microphone is dropped or thrown, it automatically mutes in millisecond response to avoid impact sounds.
*The handheld transmitter has a long-term automatic shutdown function. The device automatically detects the working status (in use, resting state). The transmitter automatically mutes after 5 seconds of resting, and automatically shuts down after 8 minutes of resting.
*The transmitter has a one-button mute button, and the handheld transmitter has a short press button to turn the transmitter mute function on or off.
*A volume control button is available on the headset bodypack transmitter for user adjustment.
*Adopting low power consumption design, the maximum continuous speaking time is more than 10 hours.
*The transmitting power can be adjusted in 7 levels, and the transmitting power can be adjusted as needed.

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Specification

System indicators	
Frequency Range	540MHz-590MHz, 640MHz-690MHz
Modulation	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	Dynamic microphone (handheld microphone) ; Condenser microphone (headset microphone)
Output Power	≥10dBm
Working current	≤200mA
Battery	2×1.5V(AA)
Battery life	>10H
Dimensions (Microphone cartridge)	Handheld mic: 24 6.5 × 3 4.4 × 3 4.4 mm; bodypack: 86 × 65 × 2 4 mm
Weight	Handheld mic: 0.4kg (including battery); bodypack: 185g (including battery)