



Wireless Microphone

Microphone call control embedded software V1.32 KT-M59UH



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, public broadcasting, large-scale parties and other places.

Feature

- * Adopt unique digital U-band transmission technology, pi/4-DQPSK modulation mode, strong anti-interference ability, low bit error rate and stable transmission.
- * The system includes a controller + two handheld wireless microphones; the transmitter adopts an ergonomic design, with a rounded shape that fits the curve of the hand and a comfortable grip.
- * 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.
- * The transmitter uses a 3.6-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.
- * With auto mute function, when the microphone is dropped or thrown, it will automatically mute in milliseconds to avoid impact sound.
- * The microphone supports a long-term automatic shutdown function. The device automatically detects the working status (in use, resting state). The microphone automatically mutes after 5 seconds of resting and turns off automatically after 8 minutes of resting.
- * With a network port and support real-time viewing and management of equipment through software.
- * Using low-power design, the maximum continuous speech time is over 10 hours.
- * Support positioning of devices through software. After positioning is initiated, the screen of the corresponding device will continue to flash for 10 seconds, making it easier to find the device.
- * Support automatic frequency scanning function for all devices through the software, without manual switching, to quickly find clear frequencies and simple operation.
- * Support one-click scanning of all devices on the current LAN, no need to manually add, easy to operate.
- * Support batch selection of online devices, power adjustment, audio encryption, smart mute, batch deletion and other functions.
- * Support device filtering function, and can filter by floor, room, network status and binding status as conditions
- * Support the display of device power alarm information. When the device power is low, the microphone power alarm information will be displayed on the homepage and room layout interface, and the floor and room information where the alarm microphone is located will be displayed; making it easy to understand the device power status.
- * Support data dashboard, which can display the name of the current project, the total number of floors, the total number of rooms, and the total number of equipment.
- * Support data backup function, which can back up device binding data, floor layout and room layout information.



Specification

System	
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	About 30m
Receiver	
Output Interface	2 balanced outputs
Display	LCD screen
Network Interface	Rj45×1
Distortion	<0.05%
Antenna interface	SMA/50Ω
Receive sensitivity	< -95dBm
Maximum output	Balanced output 500mV, unbalanced output 1000mV
Power supply	DC 12V/1A
Working current	≤320mA
Volume(L×W×H)	214×209×43mm
Weight	1.15kg
Transmitter	
Display	LCD screen
Microphone cartridge	Dynamic microphone (double handheld microphone)
Output power	≤10dBm
Working current	≤150mA
Battery	2×1.5V(AA)
Battery life	>10H
Dimension (including microphone cartridge)	256mm×50mm
Weight	0.3kg (including battery)