



TZ-OPIA9 Wireless Microphone

Embedded Software: Microphone Call Control Embedded Software V1.32



Features

- 1.It supports adjustable transmission power, including high and low transmission power, to meet the needs of different scenarios.
- 2.It features ID code anti-crosstalk function, using a 32-bit unique ID code for receiving and transmitting pairing. The receiving and transmitting ID codes must be the same for pairing, which can effectively prevent signals of the same frequency from interfering with each other.
- 3.The desktop microphone has a 0.96-inch LCD display that can show frequency information, audio encryption status, power level, mute status, and battery level.
- 4.The desktop microphone has four battery slots, with each battery providing up to 15 hours of use; it can be expanded to four batteries for up to 60 hours of continuous speaking.
- 5.The desktop microphone supports audio input via a 3.5mm headphone jack.
- 6.Suitable for venues such as meetings, training sessions, and public address systems.
- 7.Easily pair the desktop microphone with the receiver host via infrared scanning and synchronization.
- 8.It supports automatic frequency scanning, which can quickly find a clear frequency for the desktop microphone.
- 9.The desktop microphone supports charging via a Type-C port.
- 10.It supports reverb adjustment, with 15,625 reverb effects, and adjustments for effect percentage, reverb delay, and reverb amplitude. Each of the three sound effects has 25 levels of adjustment.
- 11.It supports microphone equalizer high, mid, and low frequency adjustment functions, with 2197 equalizer settings and three adjustment levels, each with 13 levels of adjustment.
- 12.The desktop microphone has a one-button mute function, making it highly practical.
- 13.The desktop microphone features one Type-C charging port, one 3.5mm headphone input jack, one LCD display, one power switch button, and one touch-sensitive microphone switch button.
- 14.It adopts digital U-band transmission technology, pi/4-DQPSK modulation, and uses domestically produced main control chips, which has strong anti-interference ability, low bit error rate, and stable transmission.
- 15.Desktop microphone battery life (single battery): Supports 15 hours; one device can be expanded to 4 batteries for up to 60 hours of continuous speaking.
- 16.It supports audio encryption. When enabled, the desktop microphone and receiver use a unique ID code pilot encryption technology to prevent crosstalk between devices.



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Specification

Frequency range	470MHz-510MHz, 540MHz-590MHz, 640MHz-690MHz, 807MHz-830MHz
Frequency response	20Hz~20kHz (± 3 dB)
Modulation method	pi/4-DQPSK
Signal-to-noise ratio	≥ 105 dB (XLR)
THD+N	<0.1%
Transmission distance	80 meters
System	One receiver host + four gooseneck microphone desktop microphones
Receiver	Features four 2.2-inch LCD displays, four encoding knobs, four physical frequency scanning buttons, four physical infrared pairing buttons, one power switch button, one dual-indicator indicator (infrared transmitter + pairing indicator), one LINE-OUT interface, four XLR-OUT interfaces, four BNC interfaces, and one DC interface.
Receiver antenna interface	BNC/impedance 50 ohms
Receiver dimensions (L×W×H)	482.6×223×43.6mm
Receiver weight	2.55kg
Receiver sensitivity	<-95dBm
Receiver maximum output	Balanced output 500mV, Unbalanced output 1000mV
Receiver power supply	DC 12V/1A
Receiver operating current	550mA
Receiver unit	Features four balanced outputs and one unbalanced mix output.
Desktop microphone weight	0.93kg
Desktop microphone boom	Gooseneck long microphone boom
Desktop microphone output power	≥ 5 dBm (high power)
Desktop microphone charging time	2.5 hours
Desktop microphone battery	18650 lithium battery *1
Desktop microphone dimensions	136×140×48.5mm (excluding microphone pole)