



Functional description:

This 5G wireless array microphone is designed for high-quality and high-security conference audio applications, integrating intelligent display, stable wireless transmission, professional audio processing and intelligent fault diagnosis functions. Equipped with a high-definition LCD display, the device can intuitively present real-time working status including microphone working mode, date & time, speaking duration, wireless signal strength and remaining battery power, while supporting speaking timing and scheduled speaking functions to standardize conference speech management. Adopting 128-bit AES encryption and WPA/WPA2 wireless security protocols, it effectively prevents wireless eavesdropping and unauthorized access, ensuring high confidentiality and security for conference content.

With a professional 48kHz high sampling rate, the microphone achieves fast power-on network connection within 5 seconds for quick deployment. It supports convenient SSID configuration through a Type-C interface, effectively avoiding incorrect AP connection during system expansion and improving system scalability and stability. Built with an intelligent fault detection system, it actively reminds users of abnormal conditions such as AP faults, host communication failures and insufficient signal strength, realizing reliable self-inspection and stable operation.

In terms of audio optimization, the device supports PC software debugging, allowing flexible adjustment of voice activation sensitivity and auto-shutdown delay time. The built-in 5-band EQ adjustment enables unified and fine sound effect calibration for all microphones in the system to achieve optimal conference audio performance. Featuring an effective pickup distance of more than 50cm with precise sensitivity control within the pickup range, it greatly improves the system's acoustic gain. Adopting multiple 9.7mm gold-plated pickup microphones and dual ambient noise detection microphones, it delivers ultra-clear voice pickup and powerful environmental noise suppression, ensuring stable, high-fidelity and noise-free sound output in various conference scenarios.

Technical description:

- 1、Equipped with a high-definition LCD display. It clearly shows microphone status, current date and time, speaking duration, signal strength and battery level. Speaking timing and scheduled speaking functions are also supported.
- 2、Adopts 128-bit AES encryption and complies with WPA/WPA2 wireless security protocols to prevent eavesdropping and unauthorized access, ensuring high confidentiality for conference systems.
- 3、Features a sampling rate of 48kHz. The microphone completes power-on and connection within 5 seconds.
- 4、Built-in intelligent fault detection function. It alerts users to AP faults, host communication failures and weak signal strength.
- 5、Supports SSID configuration via Type-C port with simple operation, avoiding connection to incorrect APs during system expansion.
- 6、Supports speaking timing and scheduled speaking functions.
- 7、Voice activation sensitivity and auto-shutdown time can be configured via PC software.
- 8、Integrated 5-band EQ adjustment. It enables unified sound effect tuning for all microphones to achieve optimal audio performance.
- 9、The optimal pickup distance is over 50cm. The microphone can be placed freely, even far from the edge of the table.
- 10、Precisely controls the sensitivity within the effective pickup range to effectively improve the acoustic gain of the system.
- 11、Built with multiple 9.7 gold-plated microphones and two ambient noise pickup microphones. It delivers high-quality voice pickup and excellent ambient noise suppression.