



NAC-5068A | Transmitter



NAC-5068B | Receiver

NAC-5068A/B

Wireless Microphone Kit

NAC-5068AB is a wearable wireless microphone kit designed specifically for indoor use, consisting of a transmitter, charging case, and receiver. It is suitable for various scenarios such as classrooms, meeting rooms, and lecture halls. It can be paired with a sound reinforcement system for use in teaching, presentations, or speeches.

MAIN FEATURES

Anti-Interference

- Utilizing the latest sensing technology, ultra-close frequency synchronization, and fixed ID lock frequency, preventing interference between adjacent classrooms.

Data Security

- The data transmission between the transmitter and receiver uses a 2.4G proprietary protocol with encrypted transmission, ensuring the security of the audio data.

Low Latency

- Low latency in the transmitter, with a delay time of <20ms, improving the clarity of the sound reinforcement system.

Long Battery Life

- Low power consumption: No worries about battery life. The wireless transmitter lasts for over 6 hours.

Multi-Function Button

- Simple transmitter design, with one button that offers multiple functions: power on/off, volume adjustment, flexible switching between loud and soft volume, and mute function.

Easy Installation

- Receiver with an 86-box design, making installation easy.

Wearable Design

- Ultra-light and thin design, with a built-in magnet in the transmitter, allowing for two wearable options: magnetic clip and magnetic necklace.

SPECIFICATION

RECEIVER GENERAL PARAMETERS

Comm. Method/Freq. Band Tx	2.4G
Effective Range	< 20 Meters
Antenna Connection Method	Wireless
Control Method	Hall Sensor, 2.4G Wireless
Interface	Phoenix Connector
Pairing Method	Automatic Frequency Pairing Via Close-Range Magnetic Induction
Power Supply	USB Or DC5V
Power Supply Usage Time	Operates Continuously Under Normal Conditions
Indicator Light	1 Red-Green Dual-Color Indicator Light
Product Dimensions (Mm)	86 × 86 × 30

RECEIVER ACCESSORIES

1×Wireless Receiver Panel
1×Phoenix Terminal (4P)
1×Quick Installation Guide
1×Warranty Card With Certificate Of Conformity

TRANSMITTER GENERAL PARAMETERS

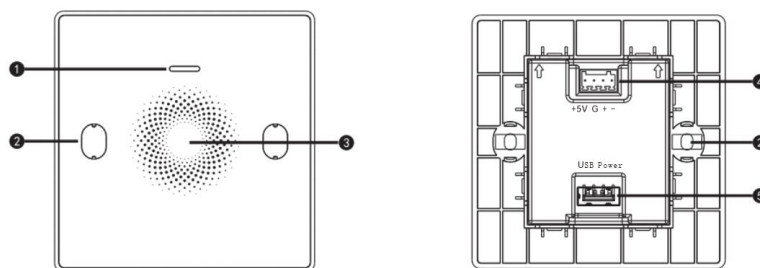
Comm. Method/Freq. Band Tx	2.4G
Number Of Channels	Variable, Auto-Tuning (78 Channels)
Transmitter Power	9dBm
Effective Range	20 Meters
Latency	<20ms
Audio Signal-To-Noise Ratio	≥85dB
Frequency Response	100Hz ~ 10KHz
Pairing Method	Ultra-Close-Range Automatic Pairing
Power Supply	Built-In Battery
Usage Time	6 Hours ± 15 Minutes
Charging Interface	Pogo Pin Charging Contacts
Dimensions (L×W×H)	33 × 35 × 15 Mm
Weight	12g

TRANSMITTER ACCESSORIES

1×Microphone Transmitter
1×Microphone Charging Case
1×Magnetic Clip
1×Charging Cable
1×Quick Installation Guide
1×Warranty Card With Certificate Of Conformity

INTERFACE DESCRIPTION

[Receiver]



① Indicator Light

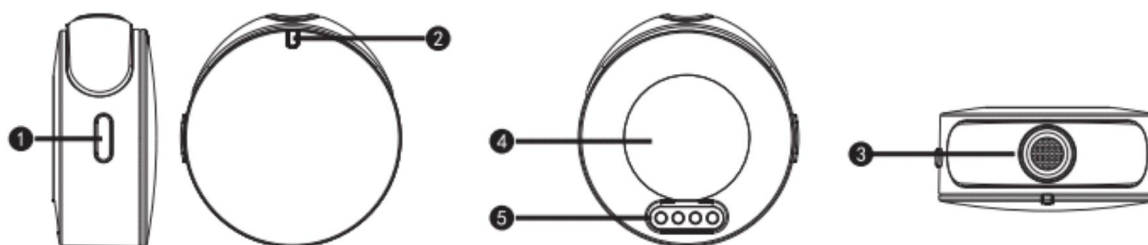
② Screw Mounting Holes

③ Frequency Pairing Induction Area

④ Phoenix Connector (Audio Signal Output Interface)

⑤ USB Power Supply Interface

[Transmitter]



① Power/Mute Button/Volume Adjustment

② Indicator Light

③ Microphone

④ Magnetic Area

⑤ Pogo Pin Charging Contacts

[Charging Case]



① Charging Case

② Pogo Pin Charging Contacts

③ Indicator Light

④ Type-C Charging Port

APPLICATIONS

Application 1

The wireless microphone NAC-5068A/B can work with the audio processor NXT-4502. This combination can be integrated with the SPON IP PA system, allowing the voice collected from the wireless microphone to be output to the IP speaker for local sound amplification.

