HIKVISION

Wireless Microphone Kit

Quick Start Guide

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Safety Information

Please read all the safety information carefully before using.

- In the use of the product, you must be in strict compliance with the electrical safety regulations of the nation and region.
- Device powered by Safety Extra-Low Voltage (SELV): The power source should meet limited power source or PS2 requirements according to IEC 60950-1 or IEC 62368-1 standard.
- For the device powered on and off only by power plug and socket-outlet, the socket-outlet shall be installed near the device and easily accessible.
- This equipment shall be installed incorporated with UPS to avoid the risk of restart.
- Use the power adapter that can work normally at an altitude over 2000 meters above sea level.
- Do not dispose of the battery into fire or a hot oven, or mechanically crush or cut the battery, which may result in an explosion.
- Do not leave the battery in an extremely high temperature surrounding environment, which may result in an explosion or the leakage of flammable liquid or gas.
- Do not subject the battery to extremely low air pressure, which may result in an explosion or the leakage of flammable liquid or gas.
- Dispose of used batteries according to the instructions.
- For the device with sticker ⚠ or [WARNING HOT SURFACE DO NOT TOUCH], pay attention to the following cautions:
  CAUTION: Hot parts! Do not touch. Burned fingers when handling the parts. Wait one-half hour after switching off before handling the parts.
  This sticker is to indicate that the marked item can be hot and should not be touched without taking care. For device with this sticker, this device is intended for installation in a restricted access location, access can only be gained by service persons or by users who have been instructed about the reasons for the restrictions applied to the location and about any precautions that shall be taken.
- Do not install devices for professional use in locations where children are likely to appear.
- If the device needs to be installed on the wall or ceiling, install the device according to the instructions in Quick Start Guide. Attach the device properly to the floor/wall in accordance with the installation instructions to prevent injury.
- For the device with supplement light (refer to datasheet for details):
  Possibly hazardous optical radiation emitted from this product.
  DO NOT stare at operating light source. May be harmful to the eyes.
  Wear appropriate eye protection or DO NOT turn on the light when you assemble, install or maintain the device.
- For the battery with + and - signs, + identifies the positive terminals of the device which is used with or generates direct current, and - identifies the negative terminals of the device which is used with or generates direct current.
- Do not touch the bare components (such as the metal contacts of the inlets) and wait for at least 5 minutes, since electricity may still exist after the device is powered off.
- No naked flame sources, such as lighted candles, should be placed on the device.
- Never place the device in an unstable location. The device may fall, causing serious personal injury or death.
- If the device needs to be wired by yourself, select the corresponding wire to supply power

according to the electric parameters labeled on the device. Strip off wire with a standard wire stripper at corresponding position. To avoid serious consequences, the length of stripped wire shall be appropriate, and conductors shall not be exposed.
● Make sure that the power has been disconnected before you wire, install, or disassemble the device.
● If smoke, odor, or noise arises from the device, immediately turn off the power, unplug the power cable, and contact the service center.

Contents

Chapter 1 Product Introduction
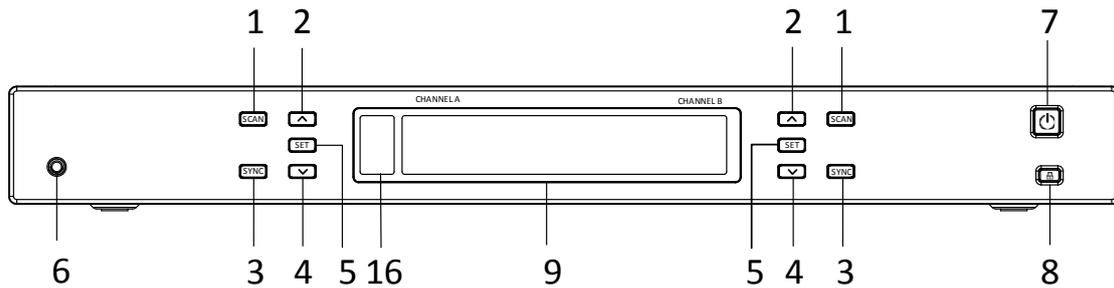
1.1 Appearance
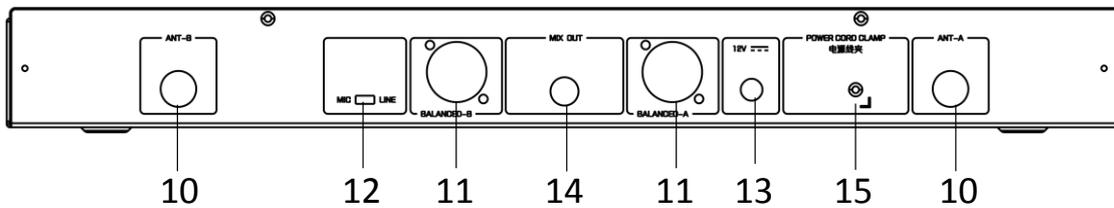
1.1.1 Receiver

Figure 1-1 Front Panel

Figure 1-2 Back Panel

ℹ️**Note**

Receivers of different models may have slight differences in appearance, please refer to the actual device for details.

Table 1-1 Appearance Description

Serial No.	Name	Description
1	Scan Button	Press the button to trigger frequency scan.
2/4	Volume/Frequency Adjustment Button	When the corresponding content flashes, the volume and frequency can be adjusted.
3	SYNC Button	Press the button to trigger frequency synchronization.
5	SET Button	Press the button to adjust the display function settings and confirm the displayed value.

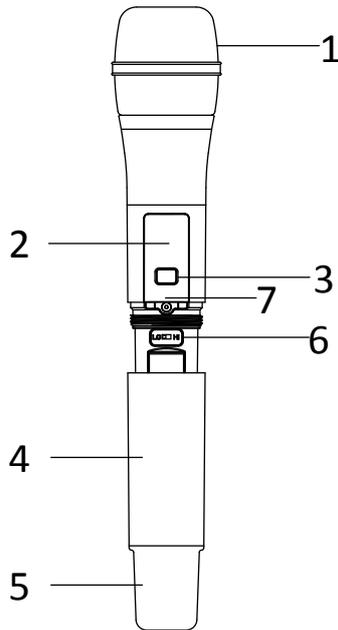| 6	3.5 mm Audio Output Interface	Connect the headphones.
7	Power Button	Power on/off. The receiver will turn on automatically after power-on.
8	Lock/Unlock Button	In lock mode, the up and down buttons, SET button, scan button, and SYNC button cannot be used.
9	Display Screen	Display the status of the receiver and transmitter.
10	Antenna Interface	Connect the antenna, which can receive signals from the transmitter.
11	Audio Output Interface	Provide microphone or line-level audio output.
12	Audio Mode Adjustment Switch	Set the output level to microphone or line level.
13	Power Interface	12 VDC.
14	Hybrid Output Interface	The device can output audio from both Channel 1 and Channel 2 simultaneously.
15	Power Line Clamp	Secure the power cord to prevent poor contact due to pulling.
16	Status light	The flashing red indicates that it is in the process of frequency synchronization.

1.1.2 Microphone

Figure 1-3 Microphone Appearance

Table 1-2 Appearance Description

Serial No.	Name	Description
1	Microphone Pickup Head	Collect sound.
2	Display Screen	Display channel, frequency, and power information.
3	Power Button	Power on/off.
4	Battery Compartment	Recommend installing 2 pieces of 1.5V AA dry batteries.
5	Antenna	Transmit wireless signals.
6	Radio Frequency Intensity Slider	Adjust the RF intensity, with two levels available: low and high.
7	IR Module	For frequency synchronization.

Note

Microphones of different models may have slight differences in appearance, please refer to the actual device for details.

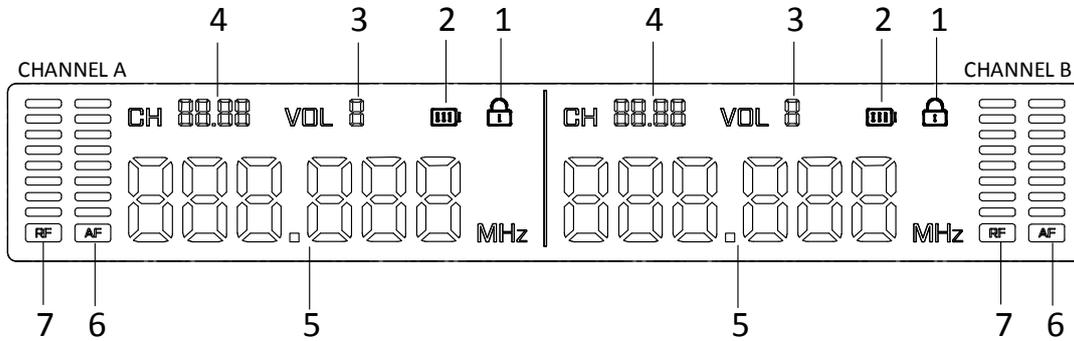# 1.2 Display Screen Introduction

1.2.1 Receiver

Figure 1-4 Display Screen

Table 1-3 Display Screen Description

Serial No.	Name	Description
1	Lock	The icon is displayed when the connected receiver control is locked.
2	Battery	/
3	Volume	/
4	Channel	The integer part before the decimal point represents the channel group. It is recommended to select the same channel group for the two channels, otherwise, inter-channel interference may occur.
5	Frequency	/
6	Audio Frequency Intensity	/
7	Radio Frequency Intensity	/

[i] **Note**

- If you need to use multiple wireless microphone sets in the same room, it is recommended to set them to the same channel group, and they must be on different frequencies.
- Some countries' available frequencies include two or three bands, channel groups 01 to 10 are the first band, channel groups 11 to 20 are the second band, and channel groups 21 to 30 are the third band. When the channel group switches between different bands, channel A and channel B need to resynchronize frequency. For example, when manually switching the channel group from channel group 10 to channel group 11, both channel A and channel

B need to resynchronize frequency. Similarly, when switching from channel group 11 to channel group 10, they also need to resynchronize frequency.

● In some countries, both high-frequency range and low-frequency range are supported. The low-frequency range is 617 MHz to 758 MHz, and the high-frequency range is 821 MHz to 942 MHz. Refer to the specification for specific microphone's frequency range. When synchronizing frequency, ensure that the receiver's frequency range matches the microphone's frequency range. The receiver does not support simultaneously frequency synchronizing with low-frequency and high-frequency microphones.
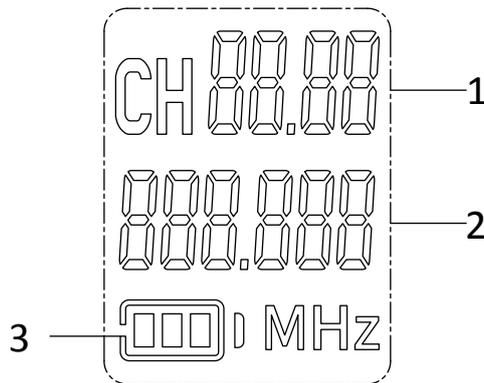
1.2.2 Handheld Microphone

Figure 1-5 Display Screen

Table 1-4 Display Screen Description

Serial No.	Name
1	Channel
2	Frequency
3	Battery

Chapter 2 Installation

2.1 Receiver

2.1.1 Antenna Installation

2 types of antenna installation methods:

● Method 1 (without using the antenna bases): Tighten the antennas directly to the antenna interfaces on the rear panel of the receiver.
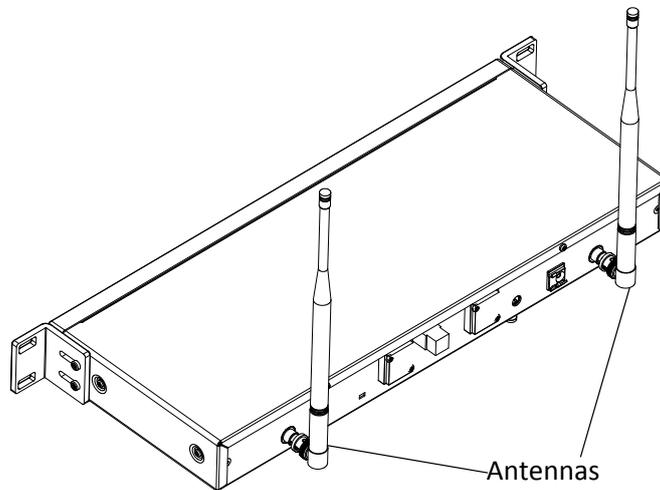
Antennas

Figure 2-1 Installation Method 1

● Method 2 (using the antenna bases): Tighten the antennas to the antenna bases, and then tighten the antenna base interfaces to the antenna interfaces on the rear panel of the receiver.
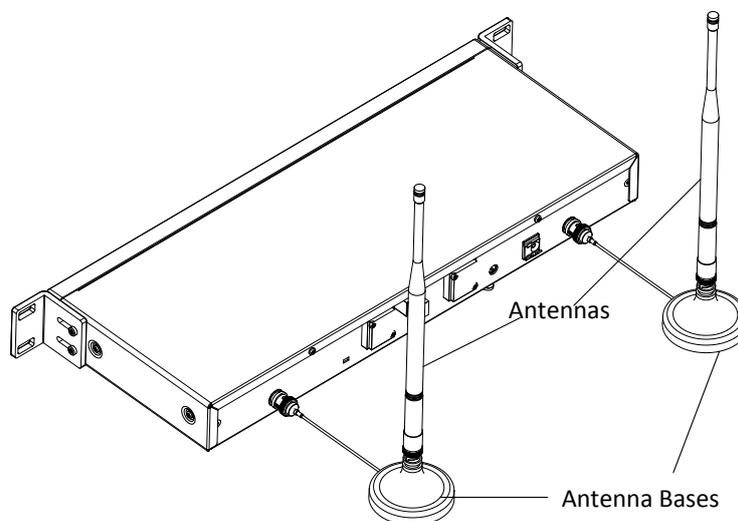
Antennas

Antenna Bases

Figure 2-2 Installation Method 2

2.1.2 Receiver Installation

Fix 2 L-shaped brackets to both sides of the receiver, and then use the L-shaped brackets and screws to secure the receiver to the audio equipment cabinet.
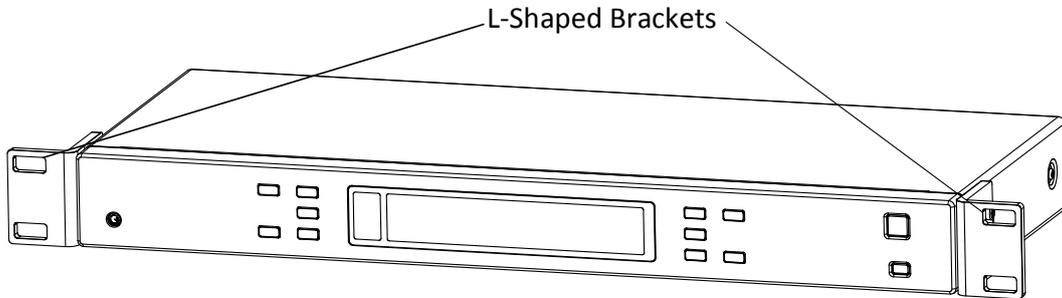
L-Shaped Brackets

Figure 2-3 Receiver Installation

2.2 Handheld Microphone

2.2.1 Battery Installation

Rotate to open the battery compartment.

Insert 2 pieces of 1.5V AA dry batteries.
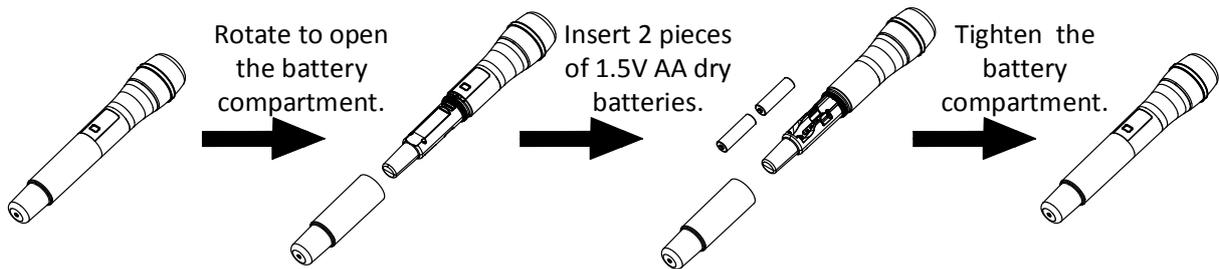
Tighten the battery compartment.

Figure 2-4 Battery Installation

ℹ️**Note**

If the microphone is not used for a long time, it is recommended to remove the batteries.

2.2.2 Silicone Bracket Installation

Insert the silicone bracket onto the microphone from the bottom.
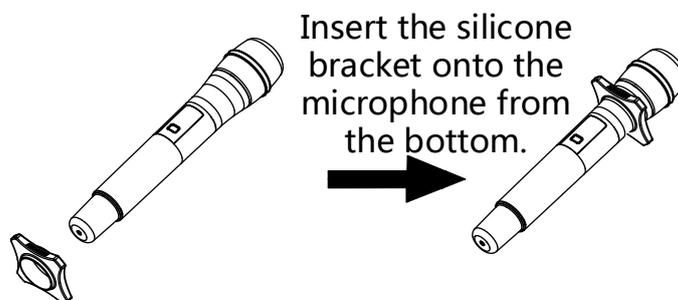
Figure 2-5 Silicone Bracket Installation

Chapter 3 Configuration

3.1 Frequency Synchronization

3.1.1 Manual Frequency Adjustment and Frequency Synchronization

Step 1 Press ⬚ (receiver's power button) to turn on the receiver.

Step 2 Press ⬚ (lock/unlock button) to unlock the receiver if the receiver screen displays that it is currently in the lock mode.

Step 3 Press ⬚ (SET button) until the frequency data flashes, and then press ⬚⬚ (volume/frequency adjustment button) to adjust the frequency.

Step 4 After the frequency adjustment is completed, press ⬚ (SET button) again to save the frequency. The frequency data will no longer flash.

Step 5 Power on the microphone to be configured.

Step 6 Press ⬚ (frequency synchronization button), the status light flashes red, indicating that the frequency synchronization is in progress. At this time, bring the microphone IR module close to the receiver's status light (within 10 cm).

⬚**Note**

When synchronize the frequency, please place the other microphones 3 meters away from the receiver to avoid incorrect synchronization.

Step 7 The frequency displayed on the microphone screen matches the receiver, indicating the frequency synchronization is successful.

3.1.2 Frequency Scan and Frequency Synchronization

Step 1 Press ⬚ (receiver's power button) to turn on the receiver.

Step 2 Press ⬚ (lock/unlock button) to unlock the receiver if the receiver screen displays that it is currently in the lock mode.

Step 3 Press ⬚ (scan button) to automatically determine the optimal frequency.

Step 4 Power on the microphone to be configured.

Step 5 Press ⬚ (frequency synchronization button), the status light flashes red, indicating that the frequency synchronization is in progress. At this time, bring the microphone IR module close to the receiver's status light (within 10 cm).

⬚ⁱNote

When synchronize the frequency, please place the other microphones 3 meters away from the receiver to avoid incorrect synchronization.

Step 6 The frequency displayed on the microphone screen matches the receiver, indicating the frequency synchronization is successful.

3.2 Volume Adjustment

Step 1 Press ⬚ (receiver's power button) to turn on the receiver.

Step 2 Press ⬚ (lock/unlock button) to unlock the receiver if the receiver screen displays that it is currently in the lock mode.

Step 3 Press ⬚SET (SET button) until the volume data flashes, and then press ⬚⬚ (volume/frequency adjustment button) to adjust the volume.

Step 4 After the volume adjustment is completed, press ⬚SET (SET button) again to save the volume. The volume data will no longer flash.

⬚ⁱNote

When using the microphone, it should be kept away from the speakers to avoid howling caused by high volume in close proximity.

See Far, Go Further