

Hiberr YU-E40 Professional Wireless Microphone System



Hiberr YU-E40 Professional Wireless Microphone System User Guide

[Home](#) » [Hiberr](#) » Hiberr YU-E40 Professional Wireless Microphone System User Guide 

Contents

- [1 Hiberr YU-E40 Professional Wireless Microphone System](#)
- [2 Product Information](#)
- [3 Product Usage Instructions](#)
- [4 WIRELESS MICROPHONE SYSTEM OVERVIEW](#)
- [5 RECORDING FUNCTION](#)
- [6 FCC STATEMENT FOR WIRELESS MICROPHONE SYSTEMS](#)
- [7 FRONT PANEL](#)
- [8 RECEIVER SYSTEM USAGE SETTINGS](#)
- [9 TRANSMITTER SYSTEM FUNCTION INTRODUCTION](#)
- [10 Documents / Resources](#)
 - [10.1 References](#)
- [11 Related Posts](#)

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Hiberr YU-E40 Professional Wireless Microphone System



Product Information

Specifications

- Frequency range: 520~570MHz
- Total number of channels: 200CH
- Frequency interval: 250KHz
- Effective use distance: 90m
- Frequency width: 50MHz
- Frequency module: 100 groups
- Oscillation mode: PLL phase-locked frequency synthesis

Product Usage Instructions

Wireless Microphone System Overview

The YU-E40 is a UHF Professional Wireless Microphone System designed for crystal clear vocals and versatile excellence. Here's how to make the most of its features:

System Features

1. **Crystal Clear Vocals:** Ensure your voice is heard clearly in various settings.
2. **Compact Brilliance:** Portable design without compromising on performance.
3. **Intuitive Control:** Adjust settings effortlessly using the TFT color screen.
4. **Versatile Excellence:** Perfect for performances, worship places, and conferences.

Recording Function

To utilize the recording function with a computer or mobile phone, follow these steps:

1. Use a 6.35 mono to 3.5 mm dual channel audio cable for connection.
2. Adjust the microphone host volume to 25VOL.
3. Set the volume and gain level on the computer or mobile phone according to the situation.
4. For clearer recordings, disable the built-in sound effects on the system.

Receiving Host System Function Introduction

Front Panel

- **Power Switch Key:** Press to activate the display screen.
- **TFT Display Screen:** Shows frequency, battery usage, and other information.
- **Function Switch Key:** Used for frequency, volume, and lock controls.
- **Up/Down Keys:** Adjust parameters in specific menu items.
- **Multi-function Keys for Channels 1-4:** Channel selection, frequency synchronization, and automatic frequency sweep.
- **Infrared Sensing Point (IR):** For synchronization with the transmitter's frequency.

Back Panel

- **Antenna Input Interface:** Insert provided antennas into the respective interfaces.
- **6.3mm Mixed Output Interface:** Audio output combining A and B channels.
- **XLR Balanced Output Interface:** Connects to balanced audio equipment.
- **DC Socket:** Power socket for the supplied power adapter.

Frequently Asked Questions (FAQ)

- **How do I adjust the microphone volume?**

To adjust the microphone volume, use the volume control on the microphone host or adjust settings on your recording device accordingly.

- **Can I purchase additional accessories for the YU-E40 online?**

Yes, all products and accessories can be purchased online through our company website or online store.
Contact us for B2B or OEM/ODM services related to microphones.

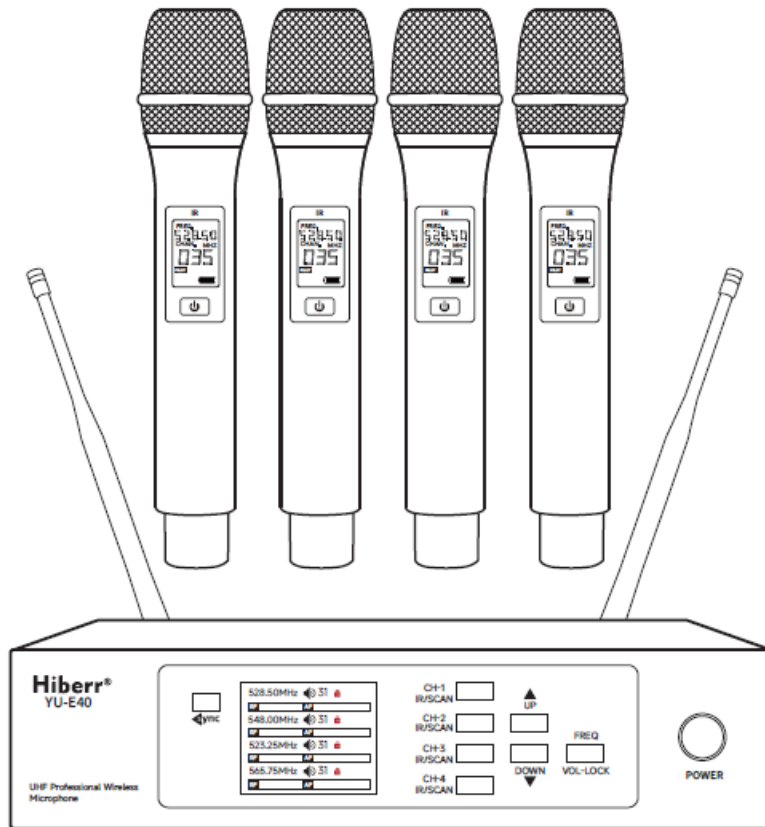
PROFESSIONAL

WIRELESS MICROPHONE SYSTEM

Please read the instruction manual carefully before operating the equipment, and keep the instruction manual properly.

YU-E40

USER GUIDE



WIRELESS MICROPHONE SYSTEM OVERVIEW

SYSTEM FEATURES

1. Crystal Clear Vocals: Let your voice be heard with pristine clarity. From churches to conferences, the YU-E40 ensures your message comes across loud and clear.
2. Compact Brilliance: Small in size, big in impact. The YU-E40's sleek design offers effortless portability without compromising on performance.
3. Intuitive Control: Navigate with ease using the TFT color screen. Adjust settings seamlessly and take charge of your audio environment.
4. Versatile Excellence: Perfect for performances, places of worship, and conferences. The YU-E40 adapts to your needs, making every event a success.

TECHNICAL INDICATORS

| SYSTEM SPECIFICATIONS | RECEIVER | TRANSMITTER |
|---|--|--|
| <ul style="list-style-type: none"> Frequency range: 520~570MHz Total number of channels: 200CH Frequency interval: 250KHz Effective use distance: 90m Frequency width: 50MHz Frequency module: 100 groups Oscillation mode: PLL phase-locked frequency synthesis | <ul style="list-style-type: none"> Signal to noise ratio: >90dB Frequency stability: ± 5KHz Receive mode: CPU Frequency selection + pilot reception Display mode: TFT Power supply: 12VDC, 500mA Audio output interface: 4XLR+TRS6.3mm | <ul style="list-style-type: none"> Frequency range: 520~570MHz Total number of channels: 200CH Frequency interval: 250KHz Frequency width: 50MHz Oscillation mode: PLL phase-locked frequency synthesis Frequency stability: ± 4KHz Pickup type: dynamic |

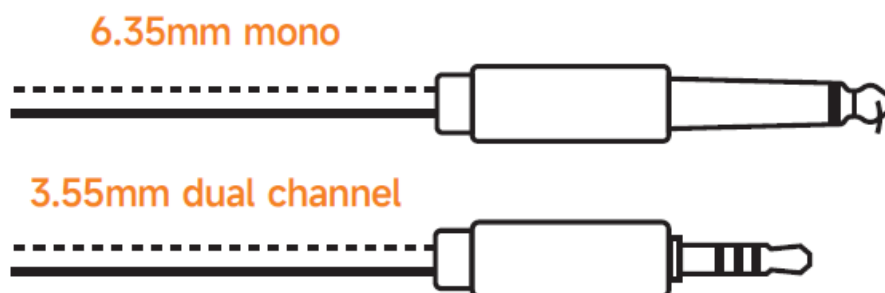
NOTICE

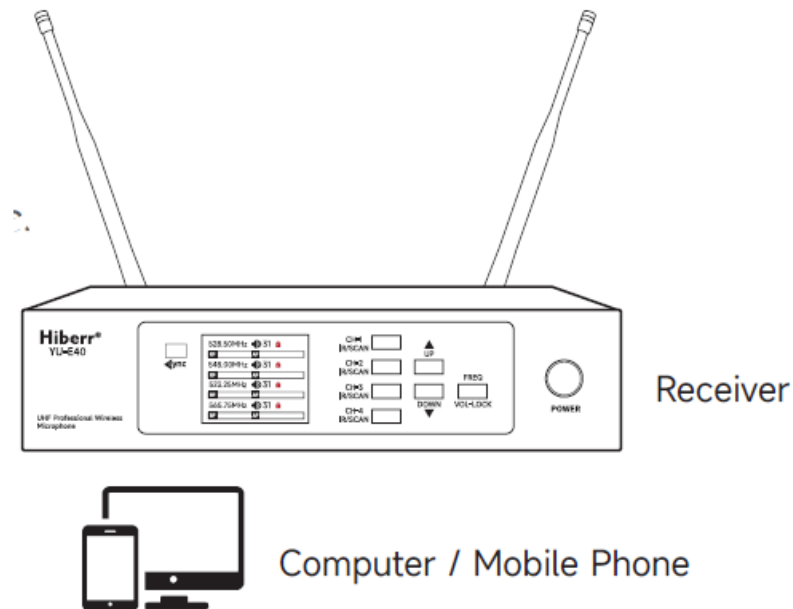
- Please read this manual carefully and keep it.
- Please pay attention to all items in the manual.
- It is best to use original accessories such as adapters and cables.
- Please unplug the receiver from the device during thunderstorms or when the device will not be used for a long time.
- Do not place the receiver and transmitter near heat sources, such as radiators, ovens, etc., and keep them away from water.
- Do not spill liquids on the device, as this may damage the electronic components of the device.
- Please disconnect the power before cleaning.
- Use a soft cloth to clean the device.
- Cleaning with solvents or detergents is prohibited.

RECORDING FUNCTION

(6.35MM INTERFACE)

1. Use 6.35 mono to 3.5 mm dual channel audio cable.





2. Suggestions for recording setting parameters

1. The volume of the microphone host is 25VOL.
2. For computers and mobile phones, please set the volume and gain level of the system according to the actual situation.
3. When using a computer or mobile phone to record, turn off the built-in sound effect of the system, and the recording will be clearer.

FCC STATEMENT FOR WIRELESS MICROPHONE SYSTEMS

- This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a specific installation.
- If this equipment does cause harmful interference to radio or television reception. (can be determined by turning the device off and on)
- Users are advised to try one or more of the following measures to eliminate the distraction:
 - Adjust the direction or position of the receiving antenna.
 - Increase the separation between the equipment and receiver.
 - Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
 - Consult the dealer or an experienced radio/TV technician for help.

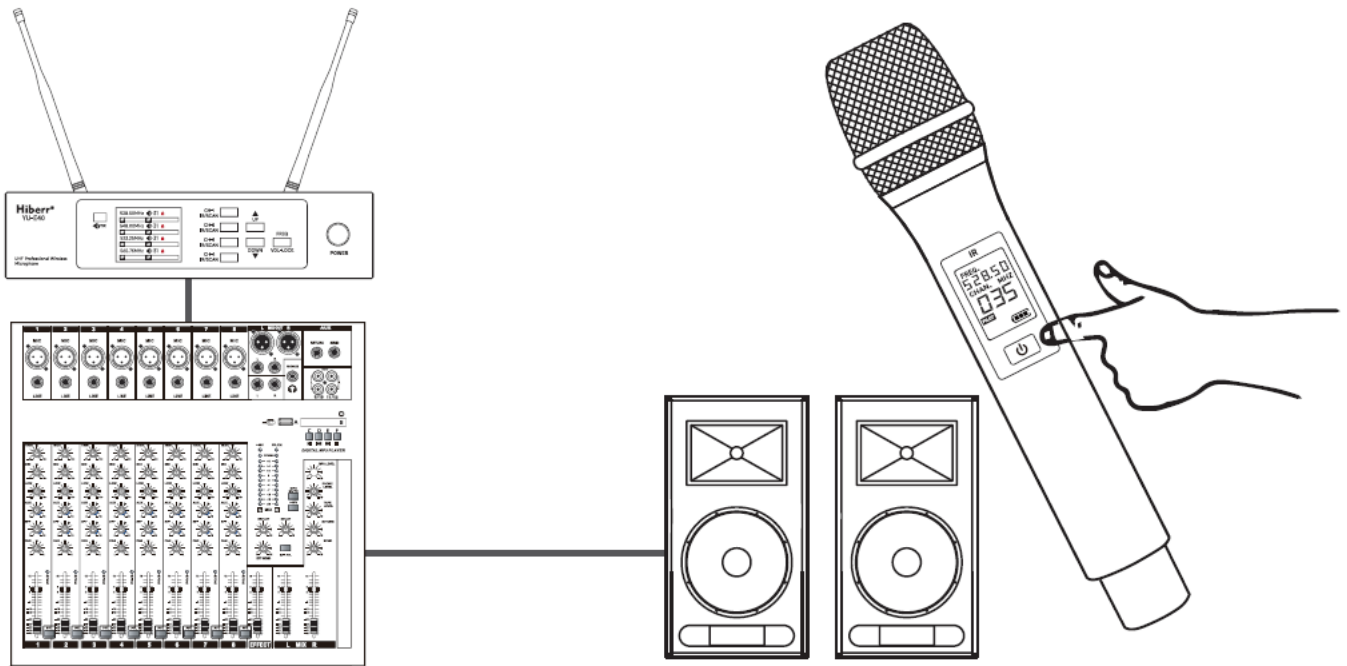
Notice:

Any changes or modifications to this equipment not expressly approved by the manufacturer could void your authority to operate the equipment. This device complies with Part 15 of the FCC Rules. The operation is subject to the following two conditions:

1. This device may not cause harmful interference;
2. This device must accept any interference received, including interference that may cause undesired operation

Radio Frequency Exposure Information:

This equipment has been evaluated and found to comply with general RF exposure requirements. This device may be used in portable exposure conditions without any restrictions.

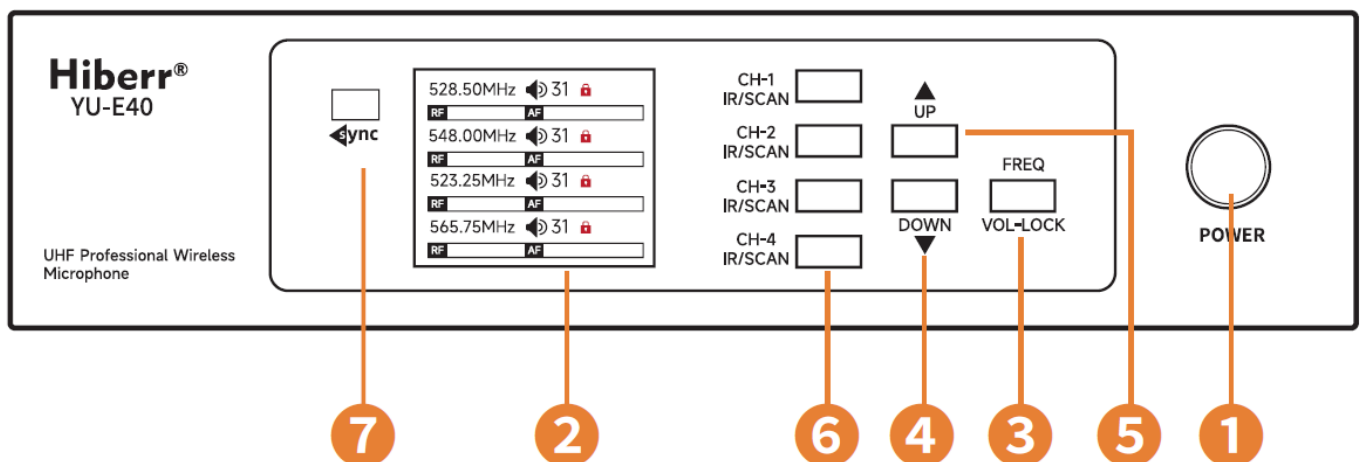


CONTACT INFORMATION

- Company website <https://www.hiberr.com>
- Online store <https://store.hiberr.com>
- Customer service email service@hiberr.com
- Facebook Page <https://www.facebook.com/hiberr.mic>

1. All our products and accessories can be purchased online.
2. Our company provides B2B or OEM/ODM services for microphones, please contact us if necessary.

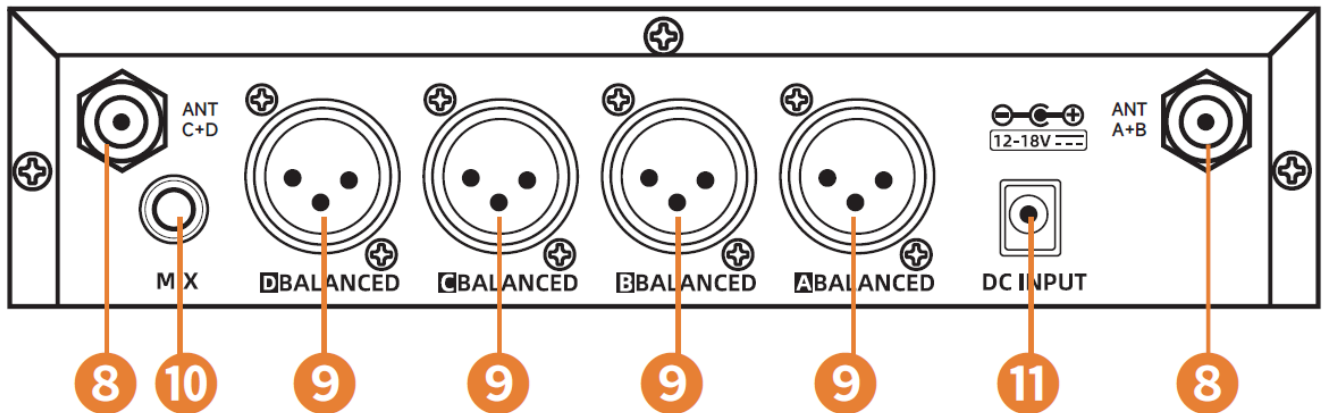
FRONT PANEL



1. Power switch key: After pressing this key, the information display screen will light up, and then it can be used and operated.
2. TFT display screen: Information display screen, displaying frequency, battery usage and other information.

3. Function switch key: frequency / volume / lock.
4. Up key: Used to adjust the parameters of specific menu items.
5. Down key: Used to adjust the parameters of specific menu items.
6. Multi-function keys for channels 1~4: channel selection/frequency synchronization/automatic frequency sweep.
7. Infrared sensing point/IR: for synchronous operation with the frequency of the transmitter.

BACK PANEL

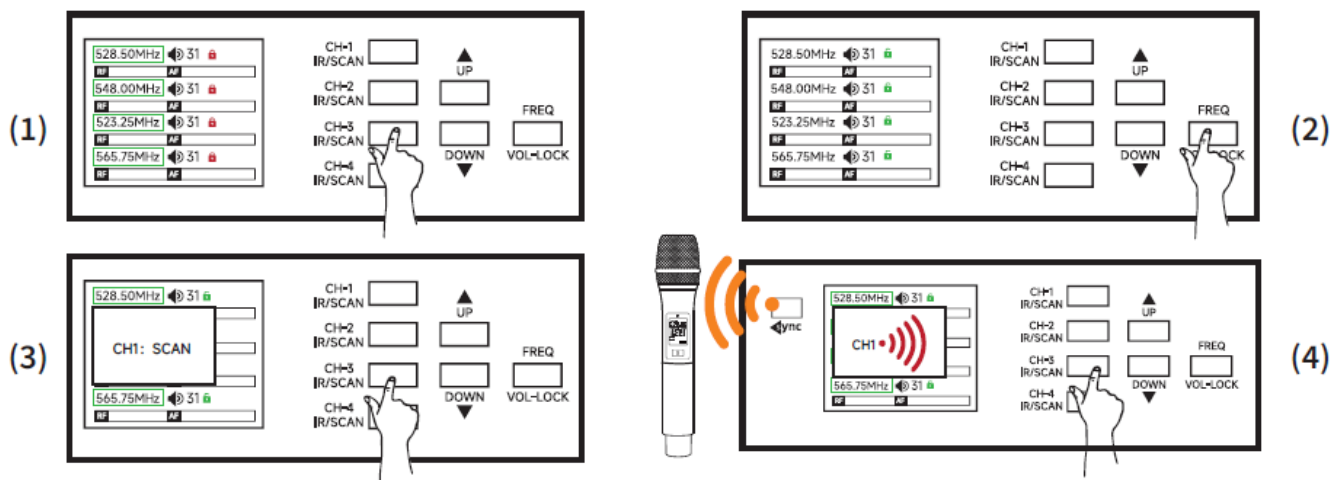


8. Antenna input interface: Insert the two random equipped antennas into this interface respectively.
9. 6.3mm mixed output interface: audio output interface that mixes A and B channels.
10. XLR balanced output interface: used to connect balanced audio equipment.
11. DC socket: power socket, connect the supplied power adapter.

RECEIVER SYSTEM USAGE SETTINGS

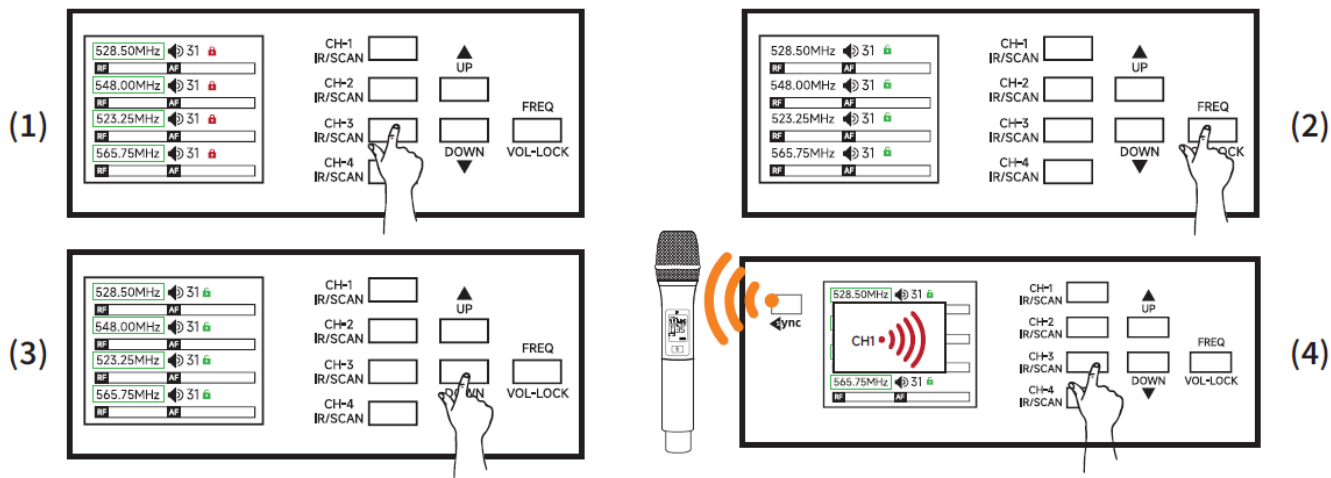
AUTOMATIC FREQUENCY SELECTION SETTING

1. Select the channel to be adjusted: press **CH1~4**
2. Unlock the channel: press and hold the **VOL-LOCK** button for 3 seconds
3. Activate the automatic frequency scanning function of the channel: press and hold the channel button **CH1~4** for more than three seconds, the frequency scanning function is activated (there is a prompt on the host screen), and the system will automatically search for the best communication frequency of the channel.
4. Synchronize frequency: align the infrared window of the transmitter with the infrared window of the receiver (about 3cm), press the channel **CH1~4** button, when the frequency displayed by the transmitter is consistent with the frequency displayed by the channel, the frequency will be synchronized success.



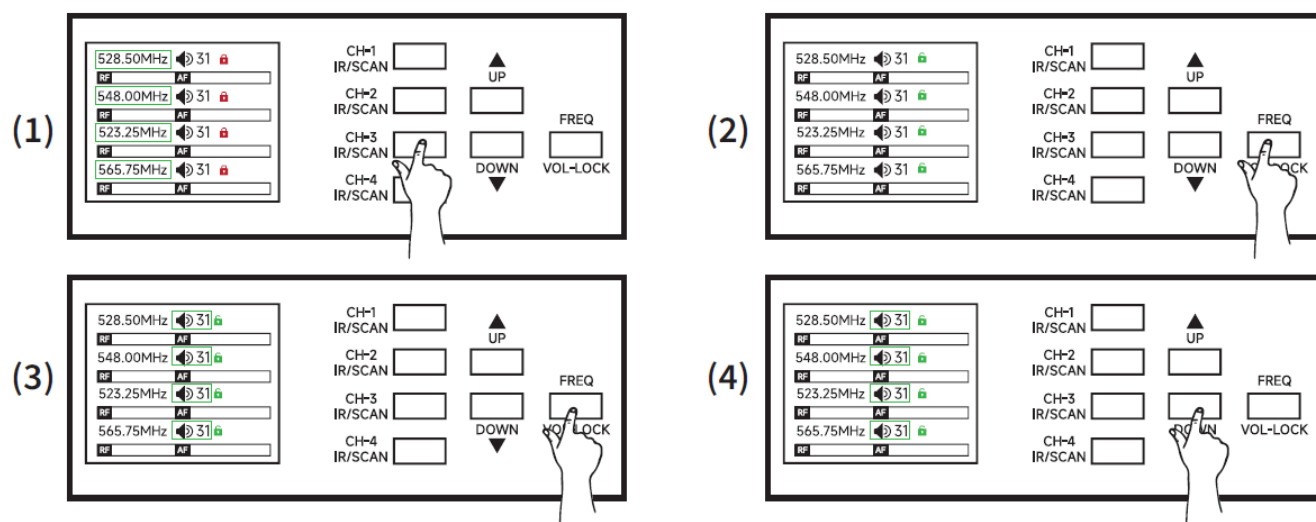
Manual Frequency Selection Setting

1. Select the channel to be adjusted: press **CH1~4**
2. Unlock the channel: press and hold the **VOL-LOCK** button for 3 seconds
3. Select the frequency: Press the **UP** or **DOWN** key to select the appropriate target communication frequency.
4. Synchronize frequency: align the infrared window of the transmitter with the infrared window of the receiver (about 3cm), press the channel **CH1~4** button, when the frequency displayed by the transmitter is consistent with the frequency displayed by the channel, the frequency will be synchronized success.



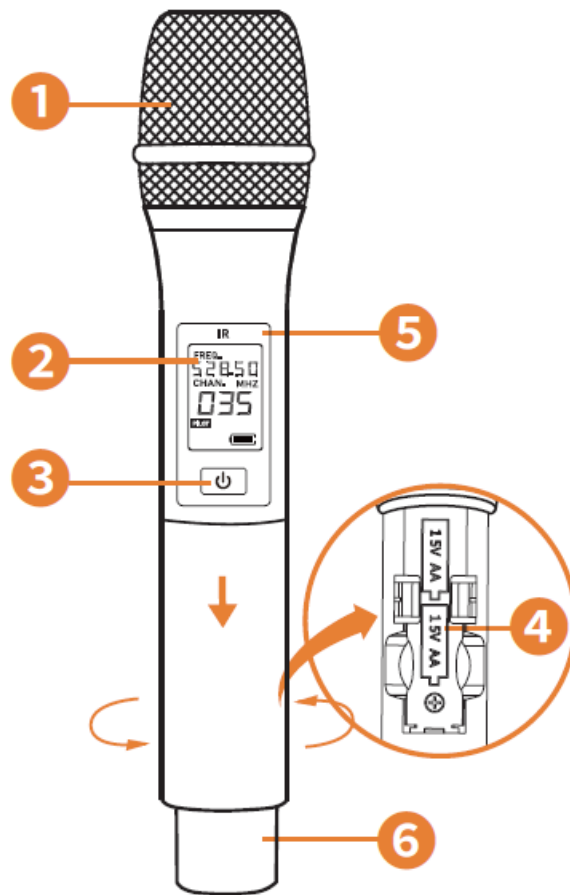
Volume Adjustment Settings

1. Select the channel to be adjusted: press **CH1~4**.
2. Unlock the channel: long press the **VOL-LOCK** button for 3 seconds.
3. Switch to volume interface: Press the **VOL-LOCK** button to select volume adjustment interface.
4. Press the **UP** or **DOWN** key to select a suitable volume.



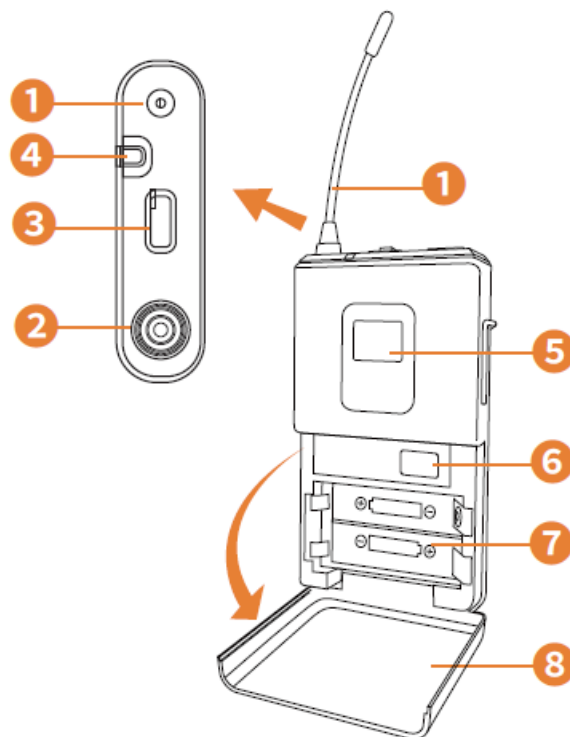
TRANSMITTER SYSTEM FUNCTION INTRODUCTION

TRANSMITTER (HANDHELD)




1. Pickup: It is used to pick up the original sound of human voice or musical instrument.
2. LCD display: display handheld status information (battery, frequency/channel, mute, etc.).
3. Power switch: Long press the switch to turn on or off the handheld transmitter.
4. Battery compartment: Unscrew the lower part of the tube body to see, used for installing and replacing batteries.
5. Infrared sensing point/IR: used for frequency binding operation with the receiver.
6. Antenna: RF antenna.

TRANSMITTER (BODYPACK)



1. Receiving antenna
2. Microphone input jack
3. Power switch / Volume knob
4. Power LED
5. LED display screen
6. Infrared receiving window
7. Battery compartment
8. Battery protection cover

Documents / Resources

| | |
|---|--|
|  | <p>Hiberr YU-E40 Professional Wireless Microphone System [pdf] User Guide YU-E40 Professional Wireless Microphone System, YU-E40, Professional Wireless Microphone System, Wireless Microphone System, Microphone System, System</p> |
|---|--|

References

- [H Hiberr - Microphones, Wireless microphones, Conference microphones](#)
- [H Hiberr - Professional in microphone customization](#)
- [User Manual](#)