52HZ UHF558

52HZ UHF558 Wireless Microphone System User Manual

Model: UHF558 | Brand: 52HZ

1. Introduction

This manual provides comprehensive instructions for the setup, operation, and maintenance of your 52HZ UHF558 Wireless Microphone System. Please read this manual carefully before use to ensure optimal performance and longevity of your device. This system is designed for various applications including home karaoke, DJ events, conferences, parties, weddings, and church services, offering clear and stable audio transmission.



Image: The 52HZ UHF558 Wireless Microphone System, showcasing the receiver unit and two handheld microphones.



Image: Key features of the 52HZ UHF558 system, emphasizing incredible sound, stable signal, and a 200ft wireless range.

2. Package Contents

Please verify that all items listed below are included in your package:

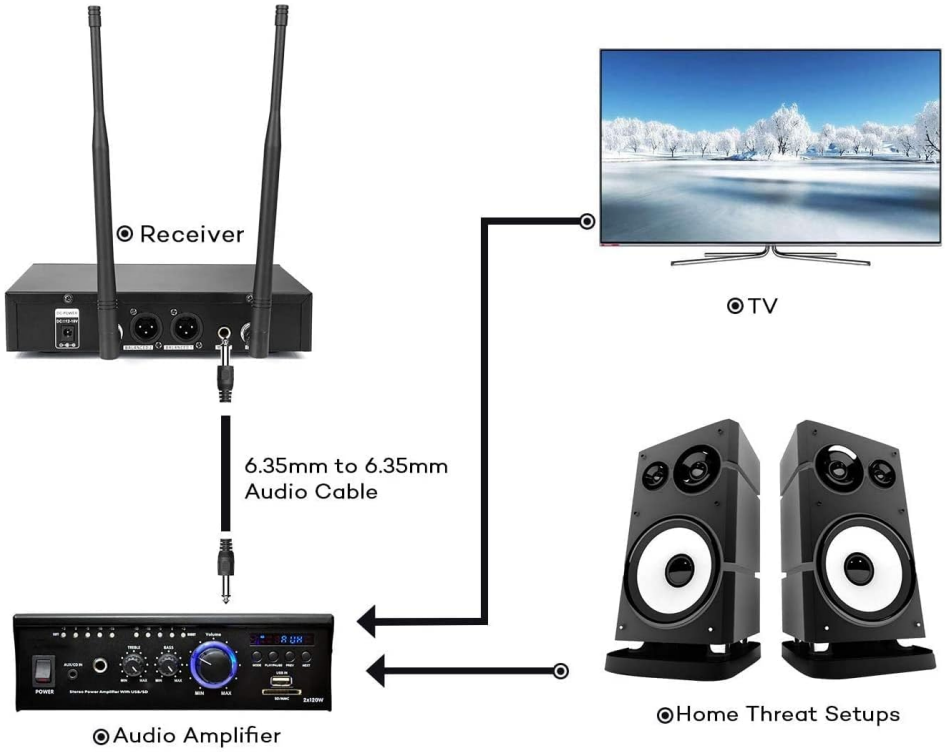
- 2 x Handheld Microphones
- 1 x Wireless Receiver
- 2 x Anti-slip Rings
- 1 x 6.35mm Audio Cable
- 2 x Microphone Covers
- 1 x User Manual



Image: All components included in the 52HZ UHF558 Wireless Microphone System package.

3. Product Features

- **Pure Sound Quality:** Professional cardioid dynamic coil design ensures a fuller, clearer, and more stable real sound, effectively eliminating background noise and howling.
- **Premium Material:** Features a durable metal aluminum alloy shell for impact and corrosion resistance. Each wireless mic receiver box has a separate volume control.
- **Easy to Use:** Each UHF microphone includes an infrared frequency matching function for simple frequency adjustment and pairing.
- **Signal Stability:** Offers 200 UHF frequency channels with a long transmission range of up to 200 feet in open space. The 530Mhz - 580Mhz adjustable frequency ensures stable signal.



Optimum Boot Order:
TV → Audio Amplifier → Speaker → Receiver → Microphone

Optimum Shutdown Order:
Microphone → Receiver → Speaker → Audio Amplifier → TV

Image: Detail of the professional voice microphone core, highlighting its metal construction, UHF capability, and energy-saving design.



Image: Users enjoying the microphones, demonstrating the incredible sound quality with strong bass and rich details.



Image: Durability features including strict temperature tests, excellent shatter and shock resistance, and thousands of button click life tests.



Image: Illustration of the 200ft maximum signal transmission distance, ensuring reliable performance.



Image: Examples of suitable applications for the microphone system, including teaching, KTV singing, and weddings.

4. Setup Instructions

4.1. Battery Installation (Microphones)

Each handheld microphone requires 2 AA batteries (not included). To install, unscrew the bottom part of the microphone, insert the batteries according to the polarity markings, and then re-screw the bottom part securely.

4.2. Receiver Connection

Connect the wireless receiver to your audio system (e.g., TV, audio amplifier, mixer, or speakers) using the provided 6.35mm audio cable or an appropriate XLR cable (not included). Ensure all connections are secure.

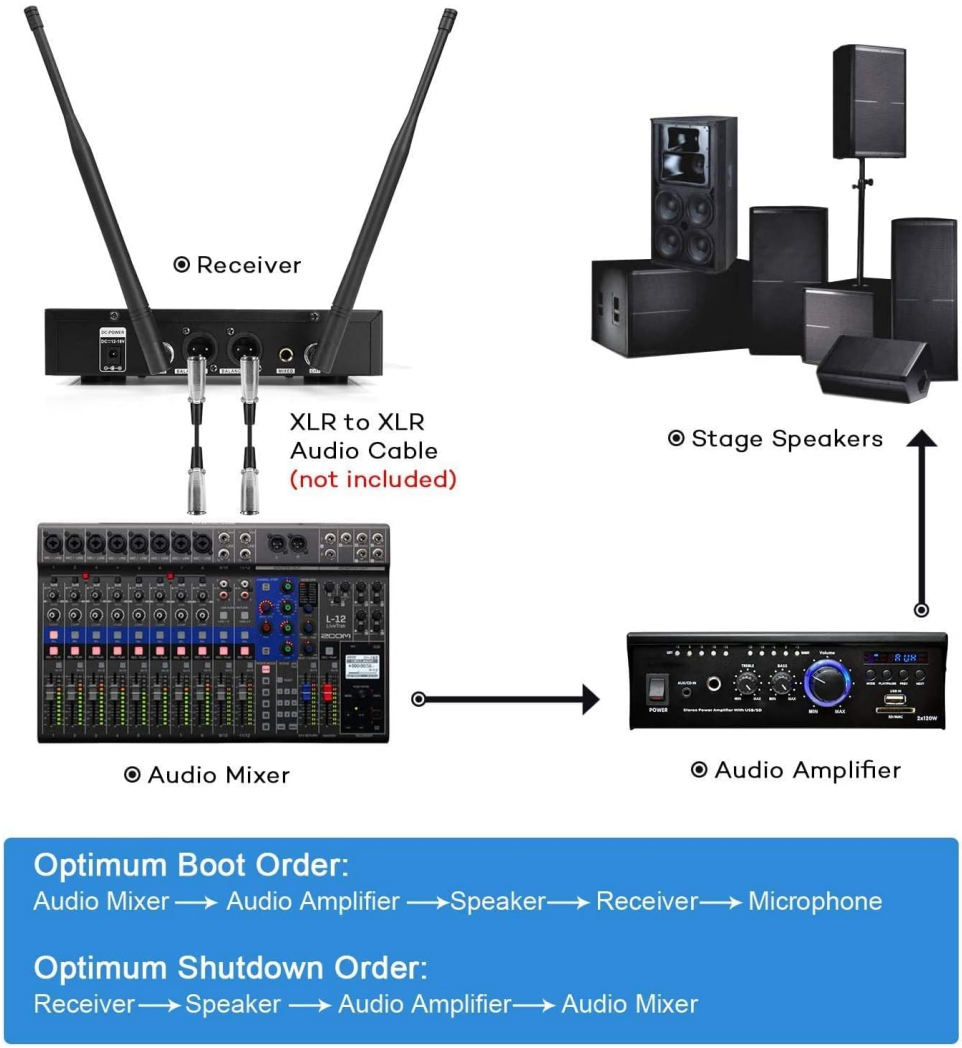


Image: Diagram illustrating how to connect the wireless microphone system to a TV and home theater setup.



Image: Diagram illustrating how to connect the wireless microphone system to an audio mixer and stage speakers.

4.3. Optimum Boot and Shutdown Order

Follow these sequences to prevent potential audio issues and ensure system longevity:

Order Type	Sequence
Optimum Boot Order (TV/Home Theater)	TV → Audio Amplifier → Speaker → Receiver → Microphone
Optimum Shutdown Order (TV/Home Theater)	Microphone → Receiver → Speaker → Audio Amplifier → TV
Optimum Boot Order (Audio Mixer/Stage Speakers)	Audio Mixer → Audio Amplifier → Speaker → Receiver → Microphone
Optimum Shutdown Order (Audio Mixer/Stage Speakers)	Receiver → Speaker → Audio Amplifier → Audio Mixer

5. Operating Instructions

5.1. Power On/Off

Press the Power key on both the receiver box and the handheld microphones to turn them on. Follow the optimum boot order as described in the Setup Instructions.

5.2. Volume Control

Each wireless microphone channel on the receiver box has a separate volume control knob. Adjust these knobs to achieve the desired audio level for each microphone.

5.3. Frequency Pairing

The system offers multiple methods for frequency control and pairing:

5.3.1. Manual Fine Frequency Control

1. Press the **UP** key on the receiver for about 2 seconds until the LCD panel starts blinking.
2. Use the **UP** or **DOWN** keys to change the channel.
3. Press the **SET** key to confirm your selection.

5.3.2. Infrared Counter-Frequency Control

1. Ensure the IR window of the receiver box is facing the Power key of the transmitter microphone.
2. Press the **SET** key on the receiver for about 2 seconds until the LCD panel starts blinking.
3. Release the **SET** key to confirm. The microphone's frequency will automatically sync with the receiver.

5.3.3. Auto Sweep Frequency Control

1. Press the **DOWN** key on the receiver for about 2 seconds until the LCD panel displays "SCR.N". The system will enter Auto Sweep Frequency Control mode.
2. Once a clear frequency has been searched and identified, the system will automatically transition into Infrared Counter-Frequency Control mode.
3. Make sure the IR window of the receiver box is facing the Power key of the transmitter microphone. The microphone's frequency will be confirmed and matched.

Important: Always ensure the frequency of the transmitter microphone is the same as the receiver box for proper operation.



Image: Visual representation of the Auto Sweep Frequency Control and Infrared Counter-Frequency Control modes on the receiver's display.

6. Maintenance

- **Cleaning:** Use a soft, dry cloth to clean the microphones and receiver. Do not use liquid cleaners or abrasive materials.
- **Storage:** Store the system in a cool, dry place away from direct sunlight and extreme temperatures.
- **Battery Care:** Remove batteries from the microphones if the system will not be used for an extended period to prevent leakage.
- **Microphone Covers:** Use the provided microphone covers to protect the microphone heads from dust and moisture.

7. Troubleshooting

If you encounter any issues, please refer to the table below for common problems and their solutions:

Problem	Possible Cause	Solution
No sound from microphone	Microphone not powered on Low or dead batteries Incorrect frequency pairing Receiver not connected or powered on Volume too low	Ensure microphone is on Replace batteries Perform frequency pairing (Section 5.3) Check receiver power and connections Increase microphone and system volume
Interference or static noise	Frequency conflict Too far from receiver Obstructions between mic and receiver	Change frequency using Auto Sweep or Manual control (Section 5.3) Reduce distance to receiver Ensure clear line of sight
Microphone cuts out intermittently	Weak signal Low microphone battery Environmental interference	Ensure within 200ft range Replace microphone batteries Try a different frequency or location
System not compatible with device	Incorrect device type	Note: Not compatible with laptops, iPads, cell phones, and AV receivers. Compatible with Karaoke Machine, Amplifier, Speaker.

8. Specifications

Feature	Specification
Model Number	UHF558
Brand	52HZ
Connectivity Technology	Infrared
Connector Type	Infrared, 3.5mm TRS (wired)
Number of Channels	200 UHF
Frequency Response	530Mhz - 580Mhz
Signal-to-Noise Ratio	120 dB
Material	Metal (Microphone, Receiver)

Feature	Specification
Power Source	Battery Powered (Microphones: 2x AA, not included)
Wireless Range	Up to 200 feet (in open space)
Compatible Devices	Karaoke Machine, Amplifier, Speaker
Item Weight	4.36 pounds
Package Dimensions	15.47 x 12.13 x 2.83 inches
UPC	692964541240

9. Warranty and Support

This product is manufactured by 52HZ. For any questions, technical support, or warranty inquiries, please contact the seller or manufacturer directly through your purchase platform. Please retain your proof of purchase for any warranty claims.

Ask a question about this manual

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. Privacy details.

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question