TONOR TW-820

TONOR Wireless Microphone System TW-820 User Manual

Model: TW-820

Introduction

This manual provides detailed instructions for the setup, operation, and maintenance of your TONOR Wireless Microphone System TW-820. Please read this manual thoroughly before using the product to ensure optimal performance and longevity.



Figure 1: TONOR Wireless Microphone System TW-820, showing two handheld microphones and the receiver unit.

What's in the Box

Upon opening the package, please verify that all components listed below are present and in good condition:

- 2 x Handheld Microphones
- 1 x Receiver Unit
- 2 x Anti-slip Rings
- 1 x 6.35mm Audio Cable
- 2 x Mic Covers
- 1 x User Manual (this document)

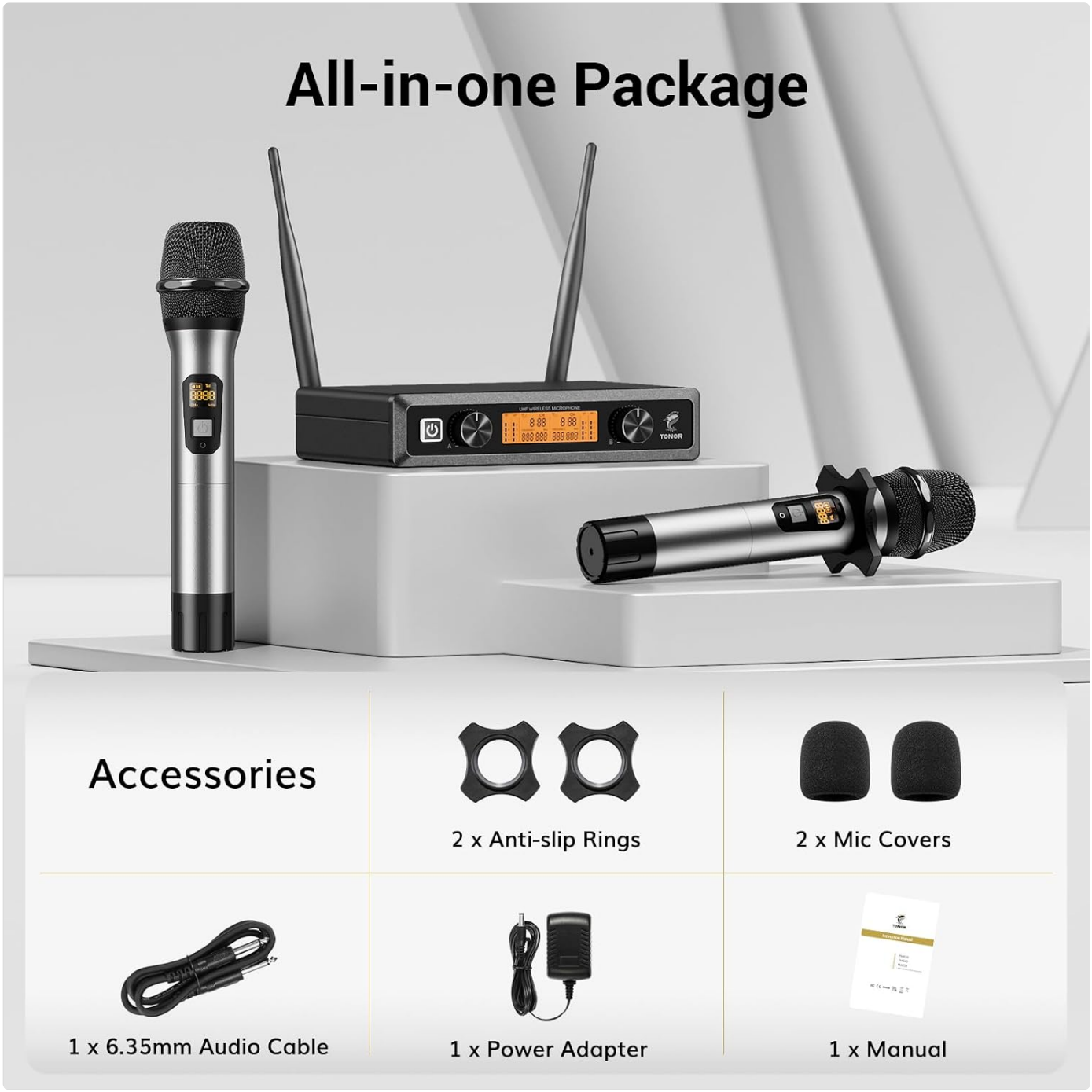


Figure 2: All components included in the TONOR Wireless Microphone System package.

Key Features

- **Clear and Pristine Sound Quality:** Equipped with a professional cardioid dynamic capsule, this system delivers

excellent, clear, pure, and full sound while effectively minimizing background noise and feedback. Ideal for various applications including karaoke, home KTV, large parties, DJ events, weddings, and classroom use.



Figure 3: Illustration of the microphone's sound capture and noise reduction technology.

- **Enhanced Signal Stability and Range:** Features 15 adjustable frequencies per UHF microphone, providing a long transmission range of up to 200 feet (60 meters) in open spaces. This ensures that up to 15 sets can be used simultaneously without interference.

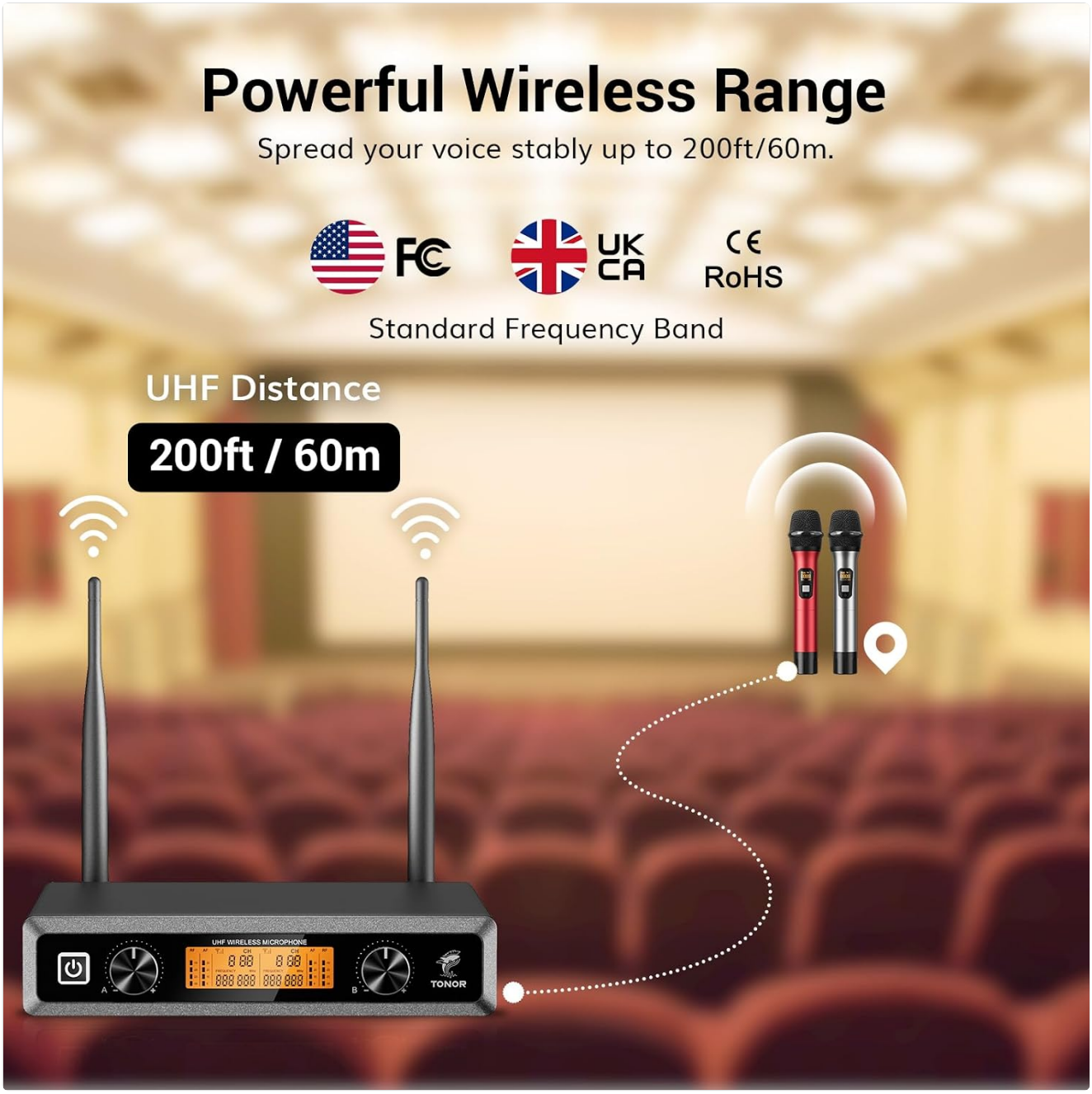


Figure 4: Wireless range capability of the TONOR microphone system.

- **Sturdy All-Metal Construction:** Both microphones are constructed from durable metal with steel mesh grilles, offering exceptional resistance to impact and corrosion. The receiver box includes separate volume controls for each wireless microphone.



Figure 5: Detailed view of the microphone's robust metal construction.

- **User-Friendly Operation:** The system is designed for ease of use. Simply power on the receiver and microphones, and they will automatically pair.



Figure 6: Key operational features of the handheld microphone.

Setup Guide

1. Powering the System

1. Connect the provided power adapter to the DC 12V IN port on the receiver unit and plug it into a power outlet.
2. Insert two AA batteries (not included) into each handheld microphone, ensuring correct polarity.
3. Press the power button on the receiver unit to turn it on. The LCD display will illuminate.
4. Long press the power button on each microphone to turn them on. The microphones will automatically pair with the receiver.

2. Connecting to Audio Devices

The receiver supports both 6.35mm (1/4") mixed output and balanced XLR outputs for versatile connectivity.

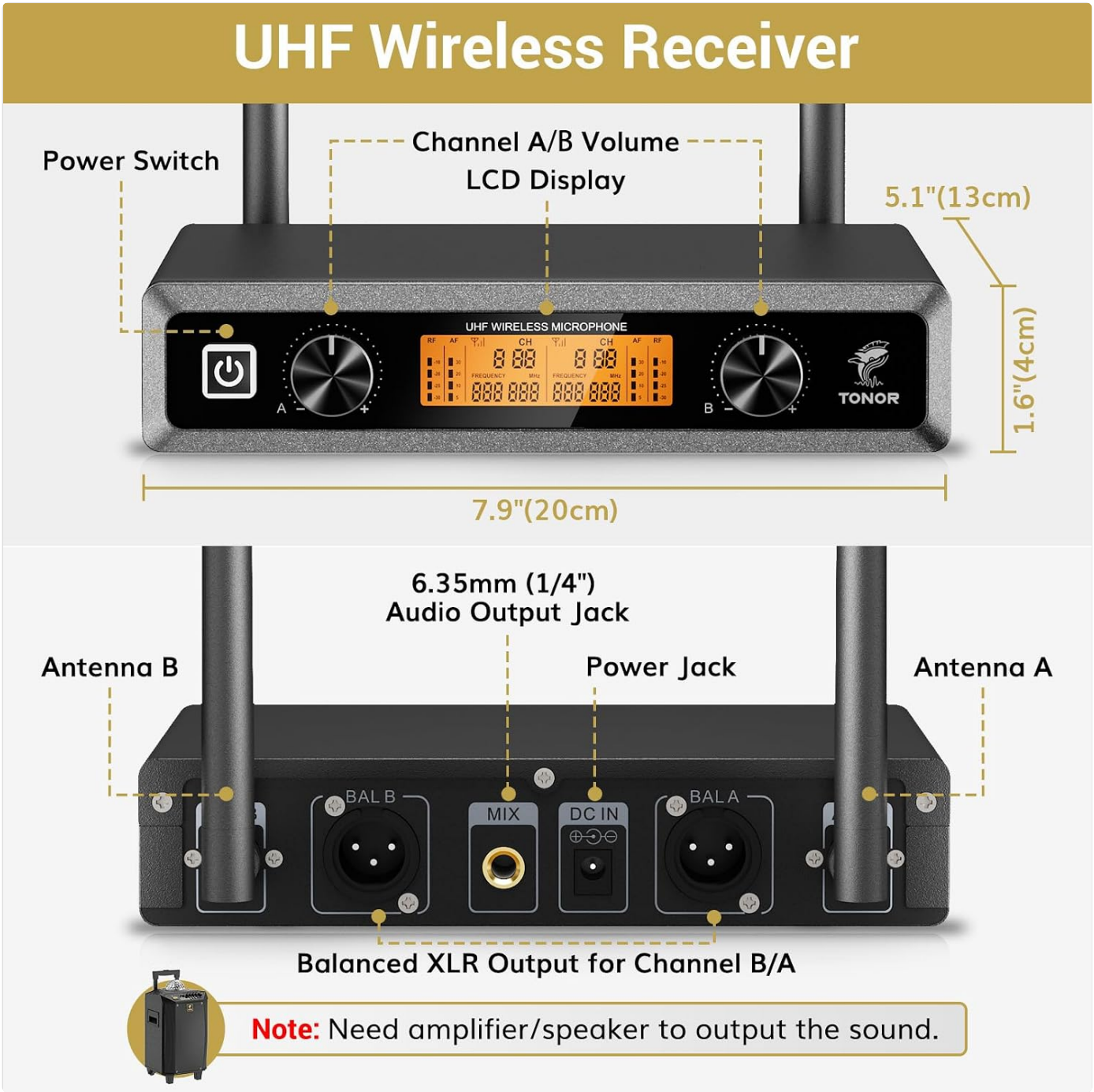


Figure 7: Rear panel of the receiver with connection ports.

- **Using 6.35mm Audio Cable:** Connect the provided 6.35mm audio cable from the MIX output on the receiver to the 6.35mm input on your amplifier, mixer, or speaker. This combines both microphone signals into a single output.
- **Using XLR Cables (not included):** For independent control of each microphone, connect XLR cables from the BAL A and BAL B outputs on the receiver to the corresponding XLR inputs on your mixer. This provides separate channels for Microphone A and Microphone B.



Figure 8: Connection diagram for various audio devices.

Optimum Boot Order:

Audio Mixer → Audio Amplifier → Speaker → Receiver → Microphone

Optimum Shutdown Order:

Microphone → Receiver → Speaker → Audio Amplifier → Audio Mixer

Important Note:

- This system is not compatible with laptops, iPads, cellphones, or AV receivers directly.
- An amplifier or speaker with 6.35mm or XLR inputs is required to output sound.
- The system does not support Bluetooth connectivity.
- Not for direct connection to TV/Soundbar; an intermediary audio device is required.

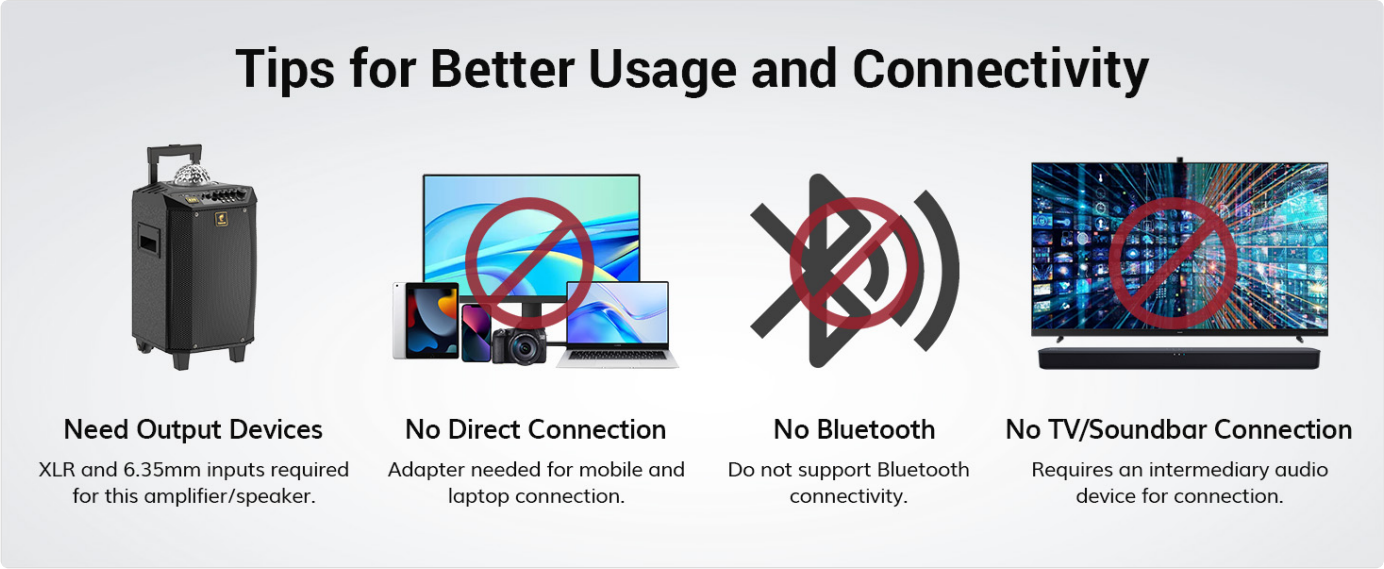


Figure 9: Important notes on device compatibility and connection tips.

Operating Instructions

1. Adjusting Volume

The receiver unit features independent volume control knobs for each microphone (Channel A and Channel B). Rotate the corresponding knob to adjust the output volume of each microphone.

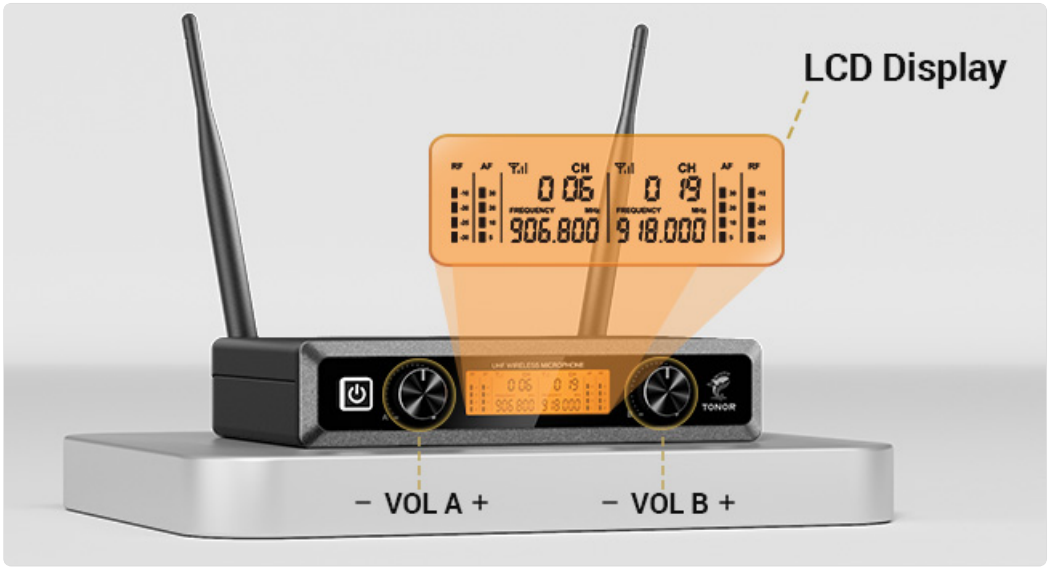


Figure 10: Receiver display and volume controls.

2. Changing Frequencies (if needed)

If you experience interference, you can change the operating frequency of the microphones. Each microphone has 15 adjustable frequencies.

1. Open the battery compartment of the microphone.
2. Locate the "Channel Switch Button" inside the compartment.
3. Press this button briefly to cycle through available frequencies until a clear channel is found. The LCD display on the microphone will show the current channel and frequency.

3. Microphone Usage Tips

- Hold the microphone approximately 2-6 inches (5-15 cm) from your mouth for optimal sound pickup.

- Avoid covering the microphone grille with your hand, as this can affect sound quality and signal reception.
- Ensure a clear line of sight between the microphones and the receiver for best wireless performance.
- Monitor the battery level indicator on the microphone's LCD display and replace batteries when low to prevent interruptions.

Maintenance

- **Cleaning:** Use a soft, dry cloth to clean the microphones and receiver. Do not use liquid cleaners or abrasive materials.
- **Storage:** When not in use for extended periods, remove batteries from the microphones to prevent leakage. Store the system in a cool, dry place away from direct sunlight and extreme temperatures.
- **Handling:** While the microphones are built with sturdy metal, avoid dropping them or subjecting them to strong impacts to prevent damage to internal components.

Troubleshooting

Problem	Possible Cause	Solution
No sound from microphones	Microphones or receiver not powered on. Low or dead batteries in microphones. Volume knobs on receiver turned down. Incorrect connection to amplifier/mixer. Microphones not paired with receiver.	Ensure all units are powered on. Replace batteries in microphones. Increase volume on receiver and connected audio device. Verify connections are secure and correct (refer to Setup Guide). Power cycle both microphones and receiver to re-establish pairing.
Interference or static noise	Operating too far from receiver. Obstacles between microphone and receiver. Interference from other wireless devices. Low battery.	Reduce distance between microphone and receiver. Ensure clear line of sight. Change microphone frequency (refer to Operating Instructions). Replace batteries.
Microphone cuts in and out	Weak signal due to distance or obstacles. Low battery. Frequency interference.	Move closer to receiver. Replace batteries. Change microphone frequency.

Specifications

Feature	Detail
Brand	TONOR
Model Name	TW-820

Feature	Detail
Microphone Form Factor	Handheld
Material	Metal
Polar Pattern	Unidirectional
Power Source	Battery Powered (2 x AA batteries per mic, not included)
Impedance	600 Ohm
Signal-to-Noise Ratio	96 dB
Frequency Response	15 KHz
Number of Channels	15 (adjustable frequencies per mic)
Wireless Range	Up to 200ft (60m) in open space
Connectivity Technology	XLR, 6.35 mm Jack
Compatible Devices	Karaoke Machine, Amplifiers, Mixers, PA Speakers
Special Feature	Mute Function, All Metal Design, Volume Control
Item Weight	3.41 pounds (total package)
Package Dimensions	12.13 x 11.06 x 4.65 inches

Warranty and Support

TONOR products typically come with a manufacturer's warranty. For specific warranty details, including duration and coverage, please refer to the warranty card included in your product packaging or visit the official TONOR website.
For technical support, troubleshooting assistance, or inquiries regarding replacement parts, please contact TONOR customer service. Contact information can usually be found on the official TONOR website or within the product packaging.
You can also refer to the official TONOR store on Amazon for additional resources and support:TONOR Amazon Store

© 2024 TONOR. All rights reserved.
This manual is for informational purposes only. Specifications are subject to change without notice.

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