

Moukey B07NQCP3CP (MwmU-1)

Moukey Wireless Microphone System User Manual

Model: B07NQCP3CP (MwmU-1)

1. INTRODUCTION

Thank you for choosing the Moukey Wireless Microphone System. This professional-grade UHF wireless microphone system is designed to deliver clear and stable audio performance for various applications, including karaoke, public address systems, DJ events, church services, and family gatherings. This manual provides detailed instructions for setting up, operating, and maintaining your new microphone system to ensure optimal performance and longevity.



Figure 1.1: Moukey Wireless Microphone System (Receiver and two Handheld Microphones)



Figure 1.2: Moukey Wireless Microphone System in use at a gathering

2. WHAT'S IN THE BOX

Please check the package contents to ensure all items are present:

- 1 x Receiver with LED Display
- 2 x Wireless Handheld Microphones
- 1 x User Manual
- 1 x Receiver Power Cable
- 1 x Audio Cable (XLR to 1/4" or similar, for connecting to amplifier)
- 1 x Warranty Card

3. KEY FEATURES

- **UHF Anti RF-Interference:** Operates within the UHF 902~928MHz frequency range with 26 pre-selected frequency groups and 2x130 available channels. This design minimizes frequency interference, ensuring clear and authentic sound reproduction.
- **HD Color Screen:** Each handheld microphone features an HD display, providing clear visual feedback for channel, frequency, and battery status, enhancing user control and convenience.
- **Automatic Pairing:** Simplifies setup with one-click frequency pairing and automatic scanning visualization, making the system easy to use for all skill levels.
- **Wide Signal Coverage:** Offers a stable signal transmission and reception range of up to 262 feet (80 meters), suitable for various indoor and outdoor activities.
- **Dual Microphone Operation:** Both handheld microphones can be used simultaneously, ideal for duets or presentations involving multiple speakers.
- **Advanced Audio Processing:** Incorporates an advanced audio processing chip and a high-reduction microphone

core to enhance sound quality, restore audio fidelity, and manage gain and feedback effectively.

- **Dual Anti-Interference Technology:** The receiver includes ID automatic frequency lock technology, further reducing external environmental interference for a stable connection.
- **Durable Design:** Microphones feature a non-slip diamond texture for secure handling and are constructed with metal for durability.
- **Battery Powered Microphones:** Each microphone operates on 1.5V AA batteries (not included), offering portability and ease of replacement.



Figure 3.1: Advanced Audio Processing Chip



Figure 3.2: Wireless Signal Range Diagram



Figure 3.3: Handheld Microphone Components

Dual anti-interference

The receiver also adds ID automatic frequency lock technology, which can reduce the external environment to the machine.



Figure 3.4: Dual Anti-Interference System

4. SETUP INSTRUCTIONS

1. **Unpack and Inspect:** Carefully remove all components from the packaging. Inspect for any signs of damage.
2. **Receiver Placement:** Place the receiver unit on a stable, flat surface, away from strong electromagnetic interference sources. Ensure the antennas are extended and positioned vertically for optimal signal reception.
3. **Connect Power:** Connect the provided power cable to the receiver's power input and then plug it into a suitable power outlet.
4. **Connect to Audio System:** Use the provided audio cable (XLR to 1/4" or similar) to connect the receiver's audio output to the input of your amplifier, mixer, or PA system. Ensure the volume on your audio system is initially set to a low level.
5. **Install Microphone Batteries:** Unscrew the bottom part of each handheld microphone. Insert two 1.5V AA batteries into each microphone, ensuring correct polarity (+/-). Replace the bottom cover securely.

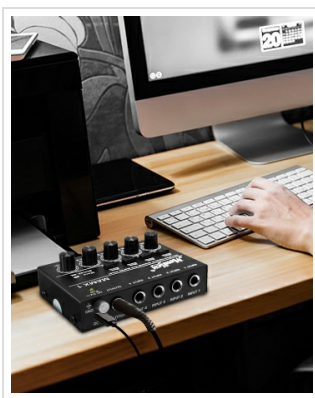


Figure 4.1: Installing Batteries in Handheld Microphone

6. Power On:

- Press the POWER button on the receiver unit to turn it on. The LED display will illuminate.
 - Press and hold the power button on each handheld microphone to turn them on. The microphone's HD display will show its status.
7. **Automatic Pairing:** The system is designed for automatic pairing. Once the receiver and microphones are powered on, they should automatically connect. The receiver's display will indicate successful pairing (e.g., "RF" indicator lit). If pairing does not occur automatically, refer to the "Troubleshooting" section for manual pairing instructions.
8. **Sound Test:** Slowly increase the volume on your amplifier/mixer. Speak or sing into the microphones to test the sound output. Adjust the volume levels on both the receiver and your audio system for desired sound.

5. OPERATING INSTRUCTIONS

5.1 Handheld Microphone Operation

- **Power On/Off:** Press and hold the power button on the microphone to turn it on or off.
- **Mute Function:** Briefly press the power button to mute or unmute the microphone. The microphone's display will indicate "MUTE" when activated.
- **Display Information:** The HD display shows the current channel, frequency, and battery level. Monitor the battery level to ensure uninterrupted performance.
- **Holding the Microphone:** Hold the microphone firmly by the body. Avoid covering the microphone grille with your hand, as this can affect sound quality and signal reception.

5.2 Receiver Operation

- **Power On/Off:** Press the POWER button on the receiver to turn it on or off.
- **Channel/Group Selection:** The receiver allows for channel and group selection. Refer to the display and control buttons (SETUP A/B, GR/CH) for adjusting frequencies if interference is encountered. The system's automatic pairing feature typically handles this, but manual adjustment is possible for advanced users.
- **Volume Control:** Adjust the individual volume knobs for Microphone A and Microphone B on the receiver to balance the audio levels.
- **Signal Indicators:** The receiver's display shows RF (Radio Frequency) and AF (Audio Frequency) indicators. A steady RF light indicates a strong wireless connection, while AF indicates audio signal presence.



Figure 5.1: Versatile Applications of the Microphone System

6. MAINTENANCE AND CARE

- **Cleaning:** Use a soft, dry cloth to clean the surfaces of the receiver and microphones. Do not use liquid cleaners or abrasive chemicals, as they can damage the finish or internal components.
- **Battery Replacement:** Replace microphone batteries promptly when the low battery indicator appears on the microphone's display. Remove batteries if the microphones will not be used for an extended period to prevent leakage.
- **Storage:** Store the system in a cool, dry place, away from direct sunlight, extreme temperatures, and high humidity.
- **Handling:** Handle the microphones and receiver with care. Avoid dropping them or subjecting them to strong impacts, which can cause internal damage.
- **Antennas:** Ensure the receiver antennas are not bent or damaged. Proper antenna positioning is crucial for optimal signal reception.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
No sound from microphone	Microphone not powered on.	Press and hold microphone power button.
	Microphone muted.	Briefly press microphone power button to unmute.
	Low or dead batteries in microphone.	Replace batteries.
	Receiver not powered on.	Press receiver POWER button.
	Receiver not connected to audio system.	Check audio cable connection from receiver to amplifier/mixer.
	Volume levels too low.	Increase volume on receiver and audio system.
	Microphone not paired with receiver.	Ensure receiver and microphone are on the same frequency group/channel. If not, try re-pairing (see manual for specific pairing steps if auto-pairing fails).
Interference or static noise	Other wireless devices operating on similar frequencies.	Change the frequency group/channel on the receiver and microphone.
	Obstacles blocking signal.	Ensure clear line of sight between microphone and receiver.
	Microphone too far from receiver.	Reduce distance between microphone and receiver (within 262ft/80m).
Short wireless range	Antennas not properly positioned.	Ensure receiver antennas are fully extended and vertical.
	Environmental interference.	Minimize obstacles and interference sources.
	Low microphone battery.	Replace microphone batteries.

8. SPECIFICATIONS

Feature	Detail
Microphone Form Factor	Handheld
Item Dimensions (L x W x H)	14.96 x 11.42 x 2.64 inches
Power Source (Microphones)	Battery Powered (1.5V AA, not included)
Material	Metal
Signal-to-Noise Ratio	90 dB
Hardware Platform	Karaoke Machine, PA System, Amplifier
Number of Channels	260 (2x130 available channels)
Frequency Response	UHF 902~928 MHz
Item Weight	4.21 pounds (total package)
Color	Black

Feature	Detail
Connectivity Technology	XLR (output from receiver)
Special Feature	Mute Function on Microphones
Polar Pattern	Unidirectional
Audio Sensitivity	90 Decibels

9. WARRANTY AND SUPPORT

All Moukey wireless microphones come with a **one-year warranty** from the date of purchase. Additionally, Moukey provides **lifetime after-sales support** for this product.

For technical assistance, troubleshooting, or warranty claims, please contact Moukey customer support through the official Moukey website or your point of purchase. Please have your product model number (B07NQCP3CP) and purchase details ready when contacting support.

For more information about Moukey products and support, visit: [Moukey Official Store](#)