

BOMGE 340U

BOMGE 340U UHF Wireless Microphone System User Manual

Model: 340U | Brand: BOMGE

1. INTRODUCTION

Thank you for choosing the BOMGE 340U UHF Wireless Microphone System. This system is designed to provide robust, clean, and stable sound quality for various applications, including singing, karaoke, church events, DJ performances, public speaking, instruction, conferences, and outdoor events. Its advanced features, such as 2x200 adjustable frequencies and a long operating range, ensure reliable performance.

Package Contents:

- 1 x UHF Wireless Receiver
- 2 x Handheld Microphones
- 1 x Power Adapter
- 1 x 1/4" Audio Cable
- 2 x Antennas
- 2 x Anti-rolling Rings
- 1 x User Manual



Image: The complete BOMGE 340U UHF Wireless Microphone System, showing the receiver unit and two handheld microphones.

2. SAFETY INFORMATION

Please read and understand all safety instructions before using this product. Failure to follow these instructions may result in electric shock, fire, or other hazards.

- Do not expose the unit to rain or moisture.
- Do not disassemble or modify the unit. Refer all servicing to qualified personnel.
- Use only the provided power adapter.
- Keep the unit away from heat sources, direct sunlight, and excessive dust.
- Ensure proper ventilation around the receiver unit.

- Dispose of batteries according to local regulations.

3. SETUP

3.1 Receiver Connection

1. **Connect Antennas:** Screw the two provided antennas into the ANT-A and ANT-B ports on the rear of the receiver.
2. **Connect Audio Output:**
 - For mixed output, connect the supplied 1/4" audio cable from the "MIX OUT" port on the receiver to your amplifier, mixer, or karaoke machine's input.
 - For individual microphone outputs, use XLR cables (not included) to connect the "BALANCED XLR A" and "BALANCED XLR B" ports to your mixer's XLR inputs.
3. **Connect Power:** Plug the power adapter into the DC INPUT port on the receiver, then plug the adapter into a power outlet.
4. **Power On:** Press the POWER (ON/OFF) button on the front panel of the receiver. The display will illuminate.

PRODUCT PANEL INTRODUCTION

POWER (ON/OFF) SET UP DOWM IR HD SCREEN VOLUME KNOB



BALANCED XLR MIX POWER BALANCED XLR
OUTPUT INPUT

Image: Detailed view of the receiver's front and rear panels, showing power, audio outputs, and antenna connections.

3.2 Microphone Setup

1. **Install Batteries:** Unscrew the lower half of each handheld microphone to reveal the battery compartment. Insert two AA batteries into each microphone, ensuring correct polarity.
2. **Power On Microphones:** Press and hold the power button located at the bottom of each microphone until the display illuminates. The microphone will automatically pair with the receiver.
3. **Attach Anti-rolling Rings:** Slide the provided anti-rolling rings onto the microphones to prevent them from rolling off surfaces and to color-code them for easy identification.

MADE OF ALL METAL MATERIALS



COMFORTABLE HAND FEELING, EFFECTIVE ANTI-FALL
APPEARANCE CAUSED BY INADVERTENT BUMPING, AND CAPSULE DAMAGE

Image: Close-up of the durable metal construction of the BOMGE 340U microphones.

4. OPERATING INSTRUCTIONS

4.1 Frequency Adjustment

The BOMGE 340U system offers 2x200 adjustable frequency groups in the 500MHz band, allowing multiple units to operate simultaneously without interference.

- **Automatic Scan:** To find the best available frequency, press and hold the "SET" button on the receiver. The system will automatically scan and select an optimal frequency.
- **Manual Frequency Pairing:** For multi-system setups or specific frequency needs, you can manually set the channel number. Use the UP/DOWN buttons on the receiver to select a frequency, then use the IR (Infrared) function to synchronize the microphone. Point the microphone's IR sensor towards the receiver's IR window for quick synchronization.

AUTOMATIC FREQUENCY BINDING FUNCTION



Image: Illustration of the automatic frequency binding function between the microphone and receiver.

4.2 Microphone Usage

- **Power On/Off:** Press and hold the power button at the bottom of the microphone to turn it on or off.
- **Mute Function:** A short press of the power button will mute/unmute the microphone. The microphone's display will indicate its status.
- **Volume Control:** Adjust the individual volume levels for each microphone using the "VOL" knobs on the receiver's front panel.

PRODUCT DETAIL PRESENTATION



Image: Detailed view of the receiver's display showing frequency information and control buttons.

4.3 Operating Range

The system offers an operating distance of up to 328ft (100 meters) in open space with a clear line of sight. Performance may vary depending on environmental factors and obstacles.

100 M LONG DISTANCE TRANSMISSION

LONG-DISTANCE TRANSMISSION IS NOT PRONE TO FREQUENCY
INTERRUPTION WITHIN THE EFFECTIVE SIGNAL RANGE



Image: Visual representation of the system's long-distance transmission capability.

5. MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to clean the receiver and microphones. Do not use liquid cleaners or abrasive materials.
- **Battery Replacement:** Replace batteries in the microphones when the battery indicator on the microphone display shows low power. Always use fresh AA batteries for optimal performance.
- **Storage:** When not in use for extended periods, store the system in its solid carrying case in a cool, dry place away from direct sunlight and extreme temperatures. Remove batteries from microphones before long-term storage.

6. TROUBLESHOOTING

Problem	Possible Cause	Solution
No sound from microphones	Microphone not powered on; Batteries low/dead; Microphone not paired; Receiver not powered on; Audio cable disconnected.	Ensure microphones and receiver are powered on. Replace batteries. Re-pair microphone with receiver. Check all cable connections.
Interference or static noise	Frequency conflict; Obstacles in signal path; Too far from receiver.	Change frequency using auto-scan or manual pairing. Reduce distance between microphone and receiver. Ensure clear line of sight.
Low or distorted sound	Microphone volume too low/high; Low microphone battery; Microphone too close/far from mouth.	Adjust volume knobs on receiver. Replace microphone batteries. Maintain optimal distance from microphone.

7. SPECIFICATIONS

- **Microphone Form Factor:** Microphone System
- **Item Dimensions (L x W x H):** 8.27 x 6.5 x 1.97 inches
- **Power Source:** Corded Electric
- **Batteries Required:** 4 AA batteries (2 per microphone)
- **Material:** Plastic, Metal
- **Hardware Platform:** DVD Player, Tablet, Karaoke Machine
- **Number of Channels:** 2
- **Manufacturer:** BOMGE
- **Item Weight:** 4.63 pounds
- **Connectivity Technology:** XLR
- **Connector Type:** 6.35 mm Jack, XLR
- **Special Features:** Volume Control, Noise Reduction
- **Compatible Devices:** Audio Interface, Gaming Console, Audio Mixer, Home Theater, Speaker
- **Polar Pattern:** Omnidirectional

8. WARRANTY AND SUPPORT

BOMGE products are manufactured to high-quality standards. For warranty information, technical support, or service inquiries, please refer to the contact information provided with your purchase or visit the official BOMGE website.

Please retain your proof of purchase for warranty claims.

For additional support, you may visit the [BOMGE Store on Amazon](#).

