



[Manuals.plus](#) /

› [BOMGE](#) /

› BOMGE Pro V430 Wireless Microphone System User Manual

## BOMGE V430

# BOMGE Pro V430 Wireless Microphone System User Manual

Model: V430 | Brand: BOMGE

## INTRODUCTION

---

This manual provides comprehensive instructions for the setup, operation, and maintenance of your BOMGE Pro V430 4-Channel Wireless Microphone System. Designed for versatility and reliable performance, this system is ideal for various applications including church events, karaoke, speeches, and small gigs. Please read this manual thoroughly before using the product to ensure optimal performance and longevity.



Figure 1: Overview of the BOMGE Pro V430 Wireless Microphone System, showing the receiver unit and four handheld microphones.

## WHAT'S IN THE BOX

Upon unpacking, please verify that all the following components are included:

- 1 x Receiver Unit
- 4 x Handheld Microphones
- 1 x 6.35mm TS Audio Cable
- 1 x Power Charger
- 1 x User Manual (this document)
- Anti-slip rings (pre-installed or included separately for microphones)

## PRODUCT OVERVIEW

### Receiver Unit

The receiver unit is the central hub of your wireless microphone system, managing signals from all four microphones. It features individual volume controls for each channel and displays frequency information.

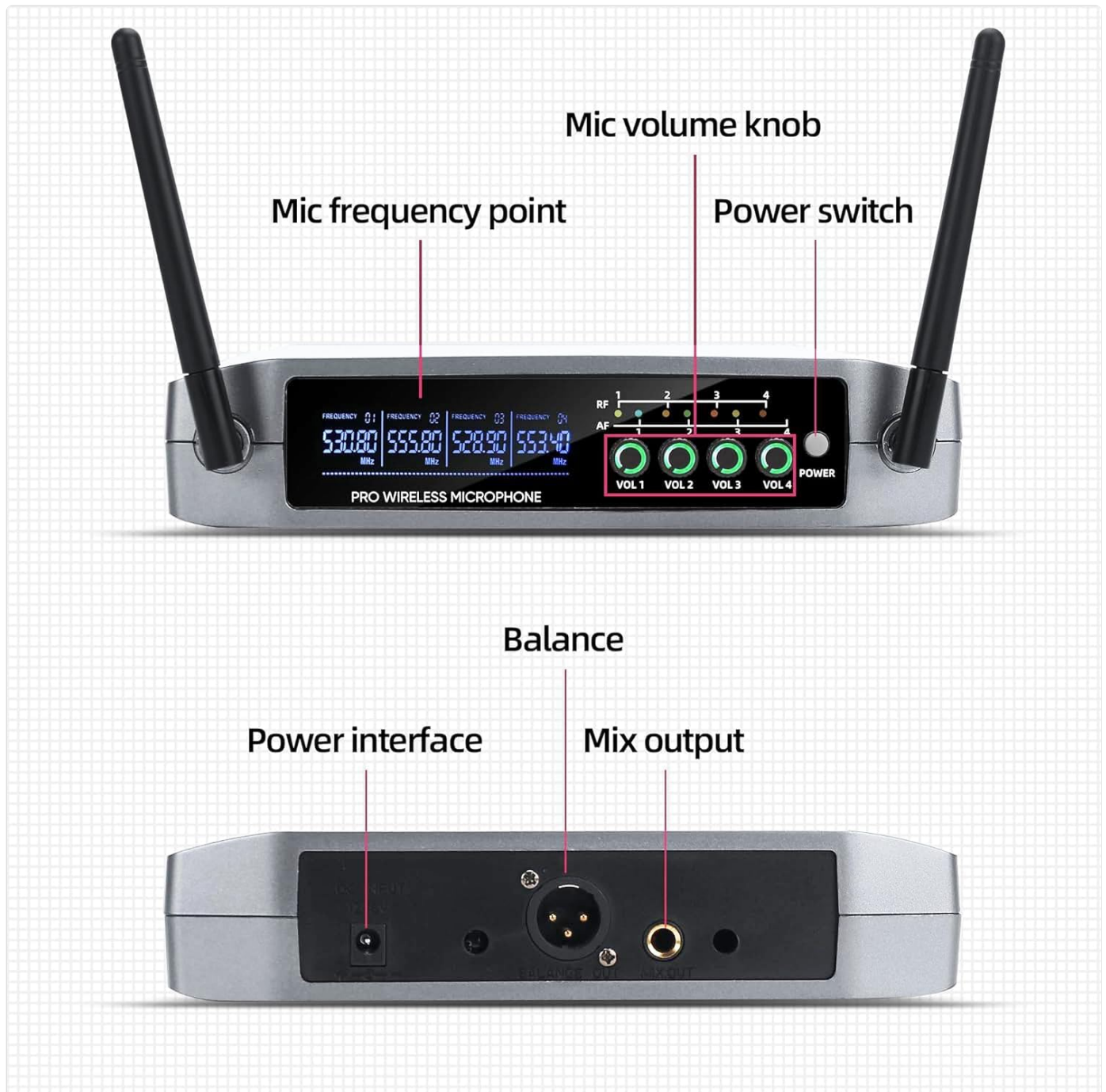


Figure 2: Front and rear panels of the receiver unit, highlighting the mic frequency display, volume knobs, power switch, power interface, and mix output ports (XLR and 1/4").

- **Front Panel:**

- LCD Displays: Show the fixed frequency for each of the four channels.
- RF/AF Indicators: Signal strength and audio level indicators.
- Volume Knobs (VOL 1-4): Adjust the output volume for each individual microphone channel.
- Power Switch: Turns the receiver unit on or off.

- **Rear Panel:**

- Power Interface: Connect the provided power charger here.
- XLR Output: Balanced XLR output for mixed audio.
- 1/4" Mix Output: Unbalanced 1/4" (6.35mm) audio output jack for mixed audio.

## Handheld Microphones

Each handheld microphone is designed for clear audio capture and features a robust build. They operate on fixed frequencies to ensure stable signal transmission.

**HIGH FIDELITY MICROPHONE**

# Accurate pickup Reduce interference

...

**Build the next  
music superstar**

**BOMGE  
V-430**

**BOMGE  
V-430**

POWER

Figure 3: A handheld microphone, emphasizing its design for accurate sound pickup and interference reduction.

- Power Button: Turns the microphone on or off.
- LCD Display: Shows battery status and channel information.
- Battery Compartment: Located at the base of the microphone, requires 2 AA batteries (not included).
- Microphone Core: Professional mic core designed for high fidelity voice capture.

## SETUP INSTRUCTIONS

1. **Power Connection:** Connect the provided power charger to the "Power Interface" on the rear of the receiver unit, then plug it into a standard electrical outlet.
2. **Audio Output Connection:**
  - For mixed audio output, connect the 6.35mm TS cable from the "MIX OUT" jack on the receiver to the audio input of your amplifier, mixer, PA system, or active speaker.
  - Alternatively, use an XLR cable (not included) from the XLR output on the receiver to a compatible audio input device for a balanced connection.



Figure 4: Connectivity options for the receiver unit, demonstrating wide compatibility with amplifiers, PA systems, active speakers, and mixers.

3. **Microphone Batteries:** Unscrew the bottom part of each handheld microphone to access the battery compartment. Insert 2 AA batteries into each microphone, ensuring correct polarity (+/-).
4. **Power On:**
  - Turn on the receiver unit using the power switch on the front panel. The LCD displays will illuminate.
  - Turn on each handheld microphone by pressing its power button.
5. **Automatic Pairing:** The system is designed for automatic pairing. Once the receiver and microphones are powered on, they should automatically connect to their respective fixed frequencies. The RF/AF indicators on the receiver will show signal presence.
6. **Volume Adjustment:** Before use, set the individual volume knobs (VOL 1-4) on the receiver to a low level. Gradually increase the volume as needed during operation.

## OPERATING INSTRUCTIONS

---

### Basic Operation

- **Microphone Usage:** Hold the microphone approximately 2-6 inches from your mouth for optimal sound pickup. Avoid covering the microphone grille with your hand, as this can affect sound quality and signal.
- **Volume Control:** Adjust the master volume on your connected audio device (amplifier, mixer) first. Then, fine-tune the individual microphone volumes using the VOL 1-4 knobs on the receiver unit to achieve the desired balance.
- **Operating Range:** The system offers a reliable performance range of up to 200 feet (approximately 60 meters) in open, line-of-sight environments. Obstacles such as walls, metal structures, and other wireless devices can reduce this range.
- **Fixed Frequencies:** The system operates on fixed frequencies, ensuring stable performance and minimizing interference between channels. The LCD display on the receiver shows the active frequency for each channel.

### Tips for Best Performance

- Ensure the receiver antennas are fully extended and positioned vertically for optimal signal reception.
- Keep the receiver unit away from large metal objects, walls, and other electronic devices that may cause interference.
- Regularly check microphone battery levels via the microphone's LCD display.
- The overall sound effect is significantly influenced by the quality of your stereo equipment. Higher quality audio equipment will yield better microphone performance.

## MAINTENANCE

---

- **Cleaning:** Use a soft, dry cloth to clean the receiver and microphones. Do not use liquid cleaners or abrasive materials, as they may damage the finish or internal components.
- **Battery Replacement:** Replace microphone batteries promptly when the low battery indicator appears on the microphone's LCD. Always use fresh AA batteries. 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. Keep components in their original packaging or a protective case when not in use to prevent damage.
- **Handling:** Handle microphones and the receiver with care. Avoid dropping them or subjecting them to strong impacts.

## TROUBLESHOOTING

---

Problem	Possible Cause	Solution
---------	----------------	----------

Problem	Possible Cause	Solution
No sound from microphone	<p>Microphone or receiver not powered on.</p> <p>Low or dead batteries in microphone.</p> <p>Receiver not connected to audio system.</p> <p>Volume levels too low.</p> <p>Microphone out of range.</p>	<p>Ensure both microphone and receiver are powered on.</p> <p>Replace microphone batteries.</p> <p>Verify audio cable connection from receiver to amplifier/mixer.</p> <p>Increase volume on receiver and connected audio device.</p> <p>Move microphone closer to the receiver.</p>
Static or interference	<p>Interference from other electronic devices.</p> <p>Obstructions between microphone and receiver.</p> <p>Microphone too far from receiver.</p>	<p>Relocate receiver away from potential interference sources (Wi-Fi routers, large metal objects).</p> <p>Ensure clear line of sight between microphone and receiver.</p> <p>Reduce distance between microphone and receiver.</p> <p>The system has anti-interference functions, but severe external interference can still occur.</p>
Short operating range	<p>Antennas not properly positioned.</p> <p>Environmental obstructions.</p> <p>Low microphone battery.</p>	<p>Ensure receiver antennas are fully extended and vertical.</p> <p>Minimize obstructions between microphone and receiver.</p> <p>Replace microphone batteries.</p>
Whistling or feedback	<p>Microphone too close to speakers.</p> <p>Volume levels too high.</p>	<p>Reposition microphone further from speakers.</p> <p>Lower microphone volume on receiver or connected audio device.</p> <p>The system includes anti-whistle features, but proper gain staging is crucial.</p>

## SPECIFICATIONS

Feature	Detail
Model	V430
Number of Channels	4
Frequency Type	Fixed Frequency
Operating Range	Up to 200ft (approx. 60 meters) line of sight
Receiver Outputs	1 x XLR (mixed), 1 x 1/4" (6.35mm) Audio Output (mixed)
Microphone Power Source	2 x AA Batteries (per microphone)
Receiver Power Source	AC Power Adapter
Material	Plastic
Color	Black
Item Weight (System)	1.52 Kilograms (3.34 pounds)
Package Dimensions	12.95 x 9.72 x 5 inches
UPC	768447427438

# Product size



Figure 5: Product dimensions for the receiver unit and handheld microphones.

## WARRANTY AND SUPPORT

For product support, technical assistance, or warranty inquiries, please contact BOMGE customer service through the retailer where the product was purchased or visit the official BOMGE website. Keep your purchase receipt as proof of purchase for any warranty claims.

Optional protection plans may be available for extended coverage. Please refer to your purchase details for more information on these plans.