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gearelec GX12

gearelec GX12 Bluetooth Motorcycle Headset User Manual

Model: GX12 | Brand: gearelec

INTRODUCTION

Thank you for choosing the gearelec GX12 Bluetooth Motorcycle Headset. This manual provides detailed instructions on how to set up, operate, maintain, and troubleshoot your device. Please read this manual thoroughly before using the product to ensure proper function and safety.



Image: The gearelec GX12 Bluetooth Motorcycle Headset, showcasing its sleek design and RGB lighting panel.

PRODUCT OVERVIEW

Package Contents

The gearelec GX12 package typically includes the following components:

- gearelec GX12 Headset Unit
- Hi-Fi Speakers (40mm tuned)
- Microphone (Boom and Soft Wire options)
- USB Type-C Charging Cable
- Helmet Mounting Clips (Screw-less back clip)
- Velcro Pads for Speaker and Microphone Installation
- User Manual



Image: All components included in the gearelec GX12 package, laid out for clear visibility.

Key Features

- **Dual Bluetooth V5.2 Qualcomm Chips:** Enables audio multitasking, allowing group intercom (2-10 riders) while simultaneously listening to music or GPS navigation.
- **Hi-Fi Stereo Sound & 3 EQ Music Modes:** Features 40mm tuned speakers with adjustable bass, midrange, and treble effects for an immersive audio experience.
- **Advanced Noise Reduction:** Equipped with DSP & 12. CVC noise reduction technology and a windproof microphone for clear conversations up to 80 MPH.
- **Mesh Intercom System:** Supports an advanced network mesh system allowing riders to join or leave the intercom group without disrupting the entire network. *Note: This system is not compatible with Sena or Cardo Mesh systems.*
- **Minimalist Button Operation:** Simplifies control for group intercom, music sharing, and connecting with third-party brand headsets.
- **15 RGB Lighting Modes:** Features a starlight panel with 5 marquee modes and 6 colors, enhancing visibility and style during night rides.
- **Long-lasting Battery:** Integrated 1000mAh Lithium Polymer battery provides up to 50 hours of music playback, 45 hours of talk time, and 600 hours of standby on a single 1.5-hour charge.
- **IP67 Waterproof Rating:** Ensures reliable performance in various extreme weather conditions, including rain, snow, and muddy environments.
- **Convenient Functions:** Includes automatic call answering, voice assistant activation, and speed dial.
- **Waterproof Plug Design:** The microphone and speaker connector features a waterproof plug. Ensure it is pressed firmly into the port to prevent sound issues.

Music & Group Intercom At The Same Time

Dual Qualcomm V5.2 BT Chips - Multitasking Audio



Image: Illustration of the dual Qualcomm V5.2 Bluetooth chips enabling simultaneous music and intercom functionality.

Hi-Fi Stereo Sound & 3 EQ Music Modes

40MM Tuned Speakers - Provide Strong Bass



Image: Diagram showing the components of the 40mm tuned speaker and the three EQ sound profiles: Pleasant Treble, Shocking Bass, and Rich Midrange.

SETUP AND INSTALLATION

1. Charging the Device

Before first use, fully charge the GX12 headset.

1. Connect the provided USB Type-C cable to the charging port on the GX12 unit.
2. Connect the other end of the cable to a USB power adapter (not included) or a computer USB port.
3. The charging indicator light will show the charging status. It typically takes about 1.5 hours for a full charge.
4. The device supports use while charging.

1000mAh Large Capacity Battery

Supports use while charging

 **1.5** Hous
Type-C flash charging

 **50** Hous
Enjoy music

 **45** Hous
Voice calls

 **600** Hous
Standby



Image: Visual representation of the 1000mAh battery inside the GX12 unit, highlighting its charging capabilities and long battery life.

2. Helmet Installation

The GX12 can be installed on most motorcycle helmets using the provided screw-less back clip.

1. Choose a suitable location on the left side of your helmet, near the bottom edge, for mounting the main unit.
2. Attach the screw-less back clip securely to the helmet shell. Ensure it is firmly in place.
3. Slide the GX12 main unit onto the mounted clip until it clicks into place.
4. **Speaker Installation:** Use the velcro pads to attach the speakers inside the helmet's ear pockets. Ensure they are positioned directly over your ears for optimal sound.
5. **Microphone Installation:**
 - For full-face helmets, use the soft wire microphone and attach it to the inside of the chin bar using velcro.
 - For open-face or modular helmets, use the boom microphone and attach it to the helmet's interior, positioning it close to your mouth.
6. **Connect Speakers and Microphone:** Carefully insert the speaker and microphone connectors into their respective ports on the GX12 unit. Ensure the waterproof plugs are pressed firmly until they are fully seated to

avoid sound issues.

OPERATION

Power On/Off

- **Power On:** Press and hold the Power button for approximately 3 seconds until you hear a voice prompt and the indicator light illuminates.
- **Power Off:** Press and hold the Power button for approximately 3 seconds until you hear a voice prompt and the indicator light turns off.

Bluetooth Pairing (Phone/GPS)

- With the GX12 powered off, press and hold the Power button for about 5-7 seconds until the indicator light flashes red and blue alternately, indicating pairing mode.
- On your phone or GPS device, enable Bluetooth and search for "gearelec GX12".
- Select "gearelec GX12" from the list of available devices to connect. Once connected, the indicator light will turn solid blue.

Music Playback

- **Play/Pause:** Press the Multi-function button once.
- **Next Track:** Press the Volume Up button.
- **Previous Track:** Press the Volume Down button.
- **Volume Adjustment:** Rotate the control knob to increase or decrease volume.
- **Music Sharing:** The GX12 supports music sharing with another GX12 unit. Refer to the specific pairing instructions for music sharing in the full manual.

Phone Calls

- **Answer Call:** Press the Multi-function button once when a call comes in (automatic answering is also available).
- **End Call:** Press the Multi-function button once during a call.
- **Reject Call:** Press and hold the Multi-function button for 2 seconds.
- **Redial Last Number:** Double-press the Multi-function button.
- **Activate Voice Assistant:** Press the Voice Assistant button (if available) or refer to the full manual for specific button combinations.

Intercom Function

The GX12 features an advanced mesh intercom system for group communication.

Minimalist Operation - Multiple modes with just one button



Image: Depicts the minimalist operation of the GX12, showing how a single button can manage multiple modes including intercom with third-party brands and music sharing.

- **Initiate Group Intercom:** Follow the instructions in the full manual for initiating a group intercom session with 2 to 10 riders. The minimalist button design allows for one-click group creation.
- **Join/Leave Intercom:** Riders can seamlessly join or leave the mesh intercom network without disrupting ongoing conversations for others.
- **Third-Party Intercom Connection:** The GX12 can connect with other brands of motorcycle intercoms. Refer to the full manual for specific pairing procedures.

RGB Lighting Modes

The GX12 features a starlight panel with various RGB lighting modes for enhanced visibility and personalization.

15 RGB Lighting Modes

5 Marquee Modes - Most Dazzling at Night



Image: Various GX12 units displaying different RGB lighting patterns and colors, illustrating the 15 available modes.

- **Change Mode:** Press the dedicated RGB light button (or combination) to cycle through the 15 available lighting modes, which include 5 marquee modes and 6 static colors.

EQ Sound Modes

Adjust the audio equalization to suit your preference.

- **Switch EQ Mode:** Press the EQ button (or combination) to cycle through the three available sound effects: Bass, Midrange, and Treble.

MAINTENANCE

Proper maintenance ensures the longevity and optimal performance of your gearelec GX12 headset.

- **Cleaning:** Wipe the unit with a soft, damp cloth. Do not use harsh chemicals or abrasive cleaners. Ensure all ports are dry before charging or connecting accessories.
- **Water Resistance:** The GX12 is IP67 rated, meaning it is resistant to dust and can withstand immersion in water up to 1 meter for 30 minutes. While it is designed for use in rain and snow, avoid prolonged submersion.

Always ensure the charging port cover is securely closed when not in use.

- **Charging:** Only use the provided USB Type-C cable for charging. Avoid using damaged cables or chargers.
- **Storage:** Store the headset in a cool, dry place away from direct sunlight and extreme temperatures. If storing for an extended period, charge the battery to about 50% every few months to preserve battery health.

TROUBLESHOOTING

If you encounter issues with your GX12 headset, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
No sound from speakers	Speaker connector not fully inserted; volume too low; speakers damaged.	Ensure the waterproof speaker plug is firmly pressed into the port. Increase volume. Test with another audio source.
Cannot pair with phone/GPS	Device not in pairing mode; Bluetooth off on phone; too many paired devices.	Ensure GX12 is in pairing mode (flashing red/blue). Turn phone Bluetooth off/on. Forget previous pairings on phone and try again.
Intercom not connecting	Units too far apart; not in intercom pairing mode; interference.	Ensure units are within range. Re-initiate intercom pairing. Move away from sources of strong electromagnetic interference.
Short battery life	Not fully charged; old battery; extreme temperatures.	Ensure full charge (1.5 hours). Battery performance may degrade over time. Avoid using in extremely cold or hot conditions.
Poor microphone clarity	Microphone not positioned correctly; wind noise; microphone damaged.	Ensure microphone is close to your mouth and not obstructed. The GX12 has wind noise reduction, but extreme wind may still affect clarity.

For more detailed troubleshooting or issues not listed here, please contact gearelec customer support.

SPECIFICATIONS

Feature	Detail
Model	GX12
Bluetooth Version	V5.2 (Dual Qualcomm Chips)
Battery Type	Lithium Polymer
Battery Capacity	1000 mAh
Charging Time	Approx. 1.5 hours
Music Playback Time	Up to 50 hours
Talk Time	Up to 45 hours
Standby Time	Up to 600 hours
Water Resistance	IP67 Certified

Feature	Detail
Speaker Diameter	40mm
Noise Control	Hybrid Noise Cancellation (DSP & CVC)
Connectivity Technology	Wireless (Bluetooth)
Control Type	Button Control, Voice Control
Material	Acrylonitrile Butadiene Styrene (ABS)
Weight	390 g
Dimensions (Package)	17.9 x 14.1 x 4.4 cm

WARRANTY AND SUPPORT


The gearelec GX12 headset comes with a standard return policy of 14 days from the date of purchase for refunds or replacements, as per the seller's terms.




For any product-related inquiries, technical support, or warranty claims, please contact gearelec customer service. You can typically find contact information on the official gearelec website or through your point of purchase.

Please retain your proof of purchase for warranty purposes.

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Related Documents - GX12

	<p>GEARELEC GX12 Helmet Wireless Intercom System User Manual</p> <p>Comprehensive user manual for the GEARELEC GX12 Helmet Wireless Intercom System. Learn about its features, functions, installation, and usage for motorcycle riders.</p>
<div><p>GEARELEC HELMET BLUETOOTH INTERCOM SYSTEM GX10</p><p>Bluetooth</p></div>	<p>GEARELEC GX10 Helmet Bluetooth Intercom System User Manual & Features</p> <p>Discover the GEARELEC GX10, a state-of-the-art v5.2 Bluetooth intercom system designed for motorcycle riders. This system offers seamless multi-person communication for up to 10 riders over 1000m, advanced noise reduction, IP67 waterproofing, music sharing, and extended battery life. Get detailed information on installation, operation, features, and specifications.</p>

	<p>GEARELEC G2 Motorcycle Helmet Headset User Manual</p> <p>Comprehensive user manual for the GEARELEC G2 Motorcycle Helmet Headset, covering installation, operation, pairing, music sharing, and troubleshooting. Learn how to use your G2 headset for calls, music, and intercom communication.</p>
	<p>GEARELEC GX10 Helmet Bluetooth Intercom System User Manual</p> <p>Comprehensive guide to the GEARELEC GX10 Helmet Bluetooth Intercom System, covering features, operations, music control, FM radio, and pairing with phones and other intercoms. Features v5.2 Bluetooth, 1000m intercom range, and IP67 waterproofing for motorcycle riders.</p>
	<p>GEARELEC G-Max Instruction Manual: Helmet Wireless Intercom System Guide</p> <p>Comprehensive instruction manual for the GEARELEC G-Max helmet wireless intercom system. Learn about installation, features, Bluetooth pairing, music playback, FM radio, and intercom functions for motorcycle riders.</p>
	<p>GEARELEC F1 Motorcycle Helmet Wireless Headset User Manual</p> <p>User manual for the GEARELEC F1 Motorcycle Helmet Wireless Headset, covering features, package contents, installation, product overview, usage instructions, specifications, and precautions.</p>