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## gearelec GX10

# gearelec GX10 2-in-1 Microphone Speaker Instruction Manual

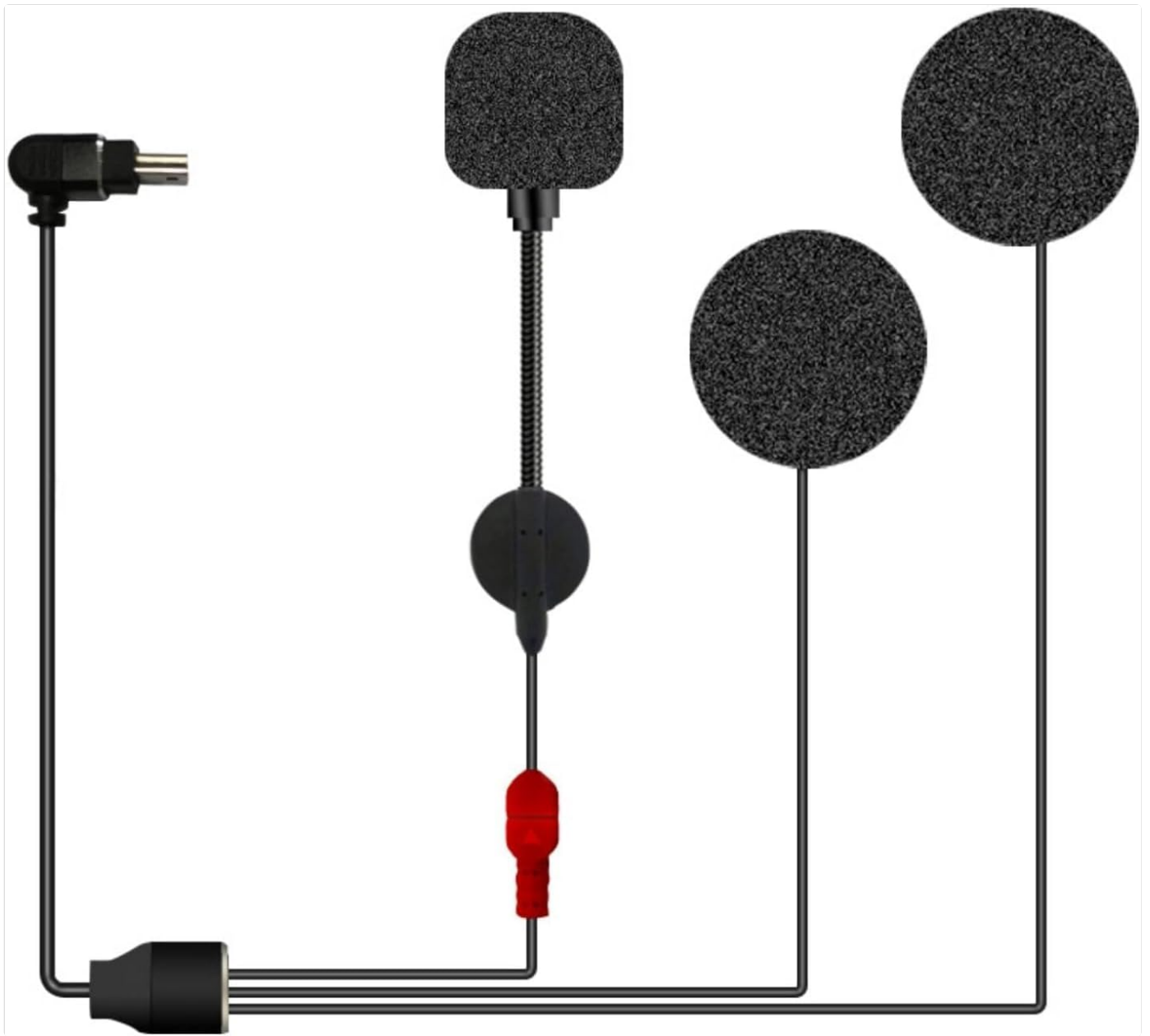
Model: GX10

## 1. INTRODUCTION

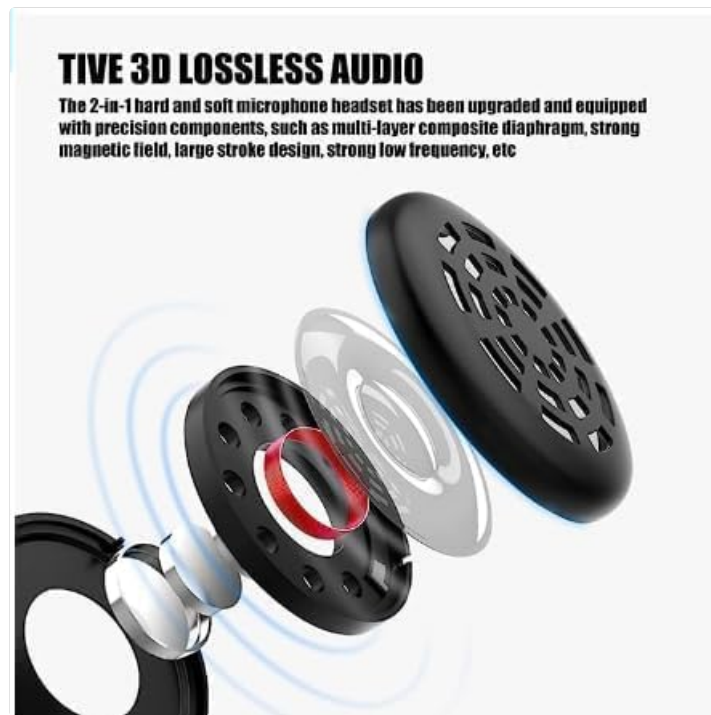
This manual provides detailed instructions for the installation, operation, and maintenance of your gearelec GX10 2-in-1 Microphone Speaker. Please read this manual thoroughly before using the product to ensure proper function and longevity. The GX10 is designed to provide clear audio communication and high-fidelity sound within a helmet environment.

## 2. PRODUCT OVERVIEW

The gearelec GX10 is a versatile 2-in-1 microphone and speaker system engineered for helmet integration. It features 40MM tuned eardrum speakers for HiFi sound quality and 3D stereo audio, enhancing your listening experience. The system includes both a microphone and speakers, designed for seamless integration into various helmet types.



**Figure 2.1:** Overview of the gearelec GX10 2-in-1 Microphone Speaker system, showing the microphone, speakers, and connecting cables.



**Figure 2.2:** Internal diagram illustrating the 40MM speaker components, highlighting the multi-layer composite diaphragm and strong magnetic field for enhanced 3D lossless audio.

### 3. PACKAGE CONTENTS

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Please verify that all items are present in your package:

- GX10 2-in-1 Microphone Speaker Unit (with integrated microphone and speakers)
- Mounting accessories (e.g., adhesive pads, Velcro) - *Specific items may vary.*
- USB Charging Cable (if applicable) - *Not explicitly mentioned but common for such devices.*
- User Manual (this document)



**Figure 3.1:** Contents of the GX10 package, showing the microphone and speaker units with their wiring.

## 4. INSTALLATION

Follow these steps to properly install the GX10 microphone speaker system into your helmet:

1. **Prepare Your Helmet:** Remove the helmet's inner lining or cheek pads if necessary to access the ear pockets and chin bar area.
2. **Install Speakers:**
  - Identify the ear pockets inside your helmet.
  - Attach the speakers using the provided adhesive pads or Velcro. Ensure the speakers are centered over your ears for optimal sound.
  - Route the speaker wires neatly under the helmet lining to avoid interference or discomfort.
3. **Install Microphone:**
  - For full-face helmets, attach the boom microphone to the inside of the chin bar, positioning it close to your mouth but not directly in front to prevent wind noise.
  - For open-face helmets, the microphone can be attached to the cheek pad or a suitable flat surface near your mouth.

- Ensure the microphone cable is routed securely and does not obstruct your vision or helmet operation.
4. **Connect to Main Unit:** Plug the microphone and speaker cables into the appropriate ports on your main communication unit (e.g., a Bluetooth intercom system). The GX10 is designed as an accessory for such systems.
  5. **Secure Wiring:** Use any provided clips or ties to secure excess wiring, preventing it from dangling or getting caught.
  6. **Reassemble Helmet:** Carefully reinsert the helmet lining and cheek pads, ensuring no wires are pinched or exposed.



**Figure 4.1:** Illustration of the GX10 speakers positioned inside a motorcycle helmet, demonstrating proper placement for audio output.

# 40MM SPEAKER HAS BEEN UPGRADED TO FREEDCONN V3 HIFI SPEAKER



**Figure 4.2:** Example of the GX10 speakers and a compatible main communication unit mounted on the side of a helmet.

## 5. OPERATING INSTRUCTIONS

The GX10 microphone speaker system functions as an audio input/output device for a compatible helmet communication unit. Refer to your main communication unit's manual for specific operating instructions regarding power, pairing, volume control, and call management.

### 5.1. Basic Functionality

- **Audio Output:** The 40MM speakers deliver clear, high-fidelity sound from your connected device.
- **Microphone Input:** The microphone captures your voice for communication. Ensure it is positioned correctly for optimal clarity.

### 5.2. Connectivity

The GX10 connects via a wired interface to your helmet communication system. Bluetooth pairing and other wireless functions are managed by the main communication unit, not directly by the GX10 microphone speaker accessory.

## 6. MAINTENANCE



Proper maintenance ensures the longevity and performance of your GX10 system.

- **Cleaning:**
  - Wipe the speaker and microphone surfaces with a soft, dry cloth.
  - Do not use harsh chemicals or abrasive cleaners.
  - Ensure no moisture enters the speaker grilles or microphone opening.
- **Storage:**
  - When not in use, store the helmet with the GX10 in a cool, dry place.
  - Avoid extreme temperatures and direct sunlight.
- **Cable Care:**
  - Avoid sharply bending or twisting the cables.
  - Do not pull on the cables to disconnect them; always grasp the connector.

## 7. TROUBLESHOOTING

If you encounter issues with your GX10 microphone speaker, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
No sound from speakers	<ul style="list-style-type: none"><li>• Loose connection to main unit.</li><li>• Main unit volume too low or muted.</li><li>• Speakers incorrectly installed.</li></ul>	<ul style="list-style-type: none"><li>• Check all cable connections to the main unit.</li><li>• Increase volume on the main unit and ensure it's not muted.</li><li>• Verify speaker placement and wiring.</li></ul>
Microphone not picking up voice	<ul style="list-style-type: none"><li>• Microphone positioned too far away.</li><li>• Loose connection to main unit.</li><li>• Main unit microphone input disabled or volume too low.</li></ul>	<ul style="list-style-type: none"><li>• Adjust microphone position closer to your mouth.</li><li>• Check microphone cable connection.</li><li>• Refer to main unit manual for microphone settings.</li></ul>
Distorted or poor sound quality	<ul style="list-style-type: none"><li>• Improper speaker placement.</li><li>• Volume too high on main unit.</li><li>• Damaged speaker or cable.</li></ul>	<ul style="list-style-type: none"><li>• Ensure speakers are flat against the ear pockets and not obstructed.</li><li>• Reduce volume on the main unit.</li><li>• Contact customer support if damage is suspected.</li></ul>

For further assistance, please refer to the user manual of your main communication unit or contact gearlec customer support.

## 8. SPECIFICATIONS

Model Number	GX10
Brand	gearlec
Item Weight	2.08 ounces
Package Dimensions	7.48 x 6.97 x 1.61 inches

Compatible Devices	Laptop, Personal Computer ( <i>Note: Primarily designed for helmet communication systems, compatibility with other devices depends on the main unit.</i> )
Polar Pattern (Microphone)	Unidirectional
Microphone Form Factor	Lavalier ( <i>Refers to the style of microphone, though integrated into a boom for helmet use.</i> )
Power Source	Corded Electric ( <i>Powered via connection to main unit</i> )
Number of Channels	2 (Stereo audio output)

## 9. WARRANTY AND SUPPORT




For warranty information and customer support, please refer to the documentation provided with your main gearlec communication unit or visit the official gearlec website. Keep your proof of purchase for warranty claims.

**gearlec Official Store:** [Visit the gearlec Store on Amazon](#)





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### Related Documents - GX10

	<p><a href="#">GEARELEC GX10 Helmet Bluetooth Intercom System User Manual</a></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><a href="#">GEARELEC F1 Motorcycle Helmet Wireless Headset User Manual</a></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>
	<p><a href="#">GEARELEC GX10 Helmet Bluetooth Intercom System   User Manual &amp; Features</a></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><a href="#">GEARELEC G-Max Instruction Manual: Helmet Wireless Intercom System Guide</a></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><a href="#">GEARELEC G2 Motorcycle Helmet Headset User Manual</a></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><a href="#">GEARELEC DK02 PLUS Helmet Bluetooth Headset User Manual</a></p> <p>Comprehensive user manual for the GEARELEC DK02 PLUS Helmet Bluetooth Headset, detailing features, assembly, operation, specifications, and precautions. Includes information on Bluetooth connectivity, intercom mode, voice control, and ambient lighting.</p>