

G-MARK G5000-4

G-MARK G5000-4 UHF Wireless In-Ear Monitor System User Manual

Model: G5000-4

INTRODUCTION

This manual provides detailed instructions for the setup, operation, and maintenance of your G-MARK G5000-4 UHF Wireless In-Ear Monitor System. Designed for professional audio monitoring, this system offers reliable wireless transmission for various applications including live performances, studio recording, and church services. Please read this manual thoroughly before using the product to ensure proper operation and to maximize its performance.

PRODUCT FEATURES

- **Premium Monitoring System:** Experience broad frequency response and less than 5ms latency for real-time audio monitoring. Uncompressed wireless signal transmission ensures noise and distortion elimination, providing clear sound.
- **Anti-Interference Function:** Utilizes UHF band phase lock PLL with a frequency coverage of 520 MHz to 580 MHz. Features 40 preset frequencies for flexible switching, resisting frequency drops and interference to improve performance.
- **Stable Signal and Broad Coverage:** The dual-antenna receiver incorporates advanced digital signal processing technology to increase signal strength and eliminate reception blind spots, allowing free movement up to 300 feet (approximately 100 meters) in barrier-free environments.
- **Enhanced RF Performance:** This system is suitable for various wireless stage monitor events, such as live performances, studio recording, band exhibitions, and guitar monitoring, enabling performers to control and analyze audio more easily for better performances.
- **LCD Display:** The in-ear wireless monitoring system transmitter features a clear LCD display area and operation buttons on both sides, making monitoring and operation more convenient.
- **Durable Design:** Constructed from high-quality brushed metal material for long service life. Each bodypack receiver requires two AA batteries (not included) to power its efficient circuit.

PACKAGE CONTENTS

Please verify that all items listed below are included in your package:

PRODUCT LIST

6.5mm audio line x1
powerx1
headphonesx2
body packx2
receiverx1
instructionx1
earplugx2



Image: The G-MARK G5000-4 system components, including the main transmitter unit, two bodypack receivers, earphones, audio cable, power adapter, and instruction manual.

- 1 x G-MARK G5000-IEM Transmitter
- 4 x G-MARK Bodypack Receivers
- 4 x In-Ear Earphones
- 1 x 6.35mm Audio Line
- 1 x Power Adapter
- 1 x Instruction Manual
- Additional Eartips (various sizes)

SETUP INSTRUCTIONS

1. Transmitter Placement and Connection

Place the G-MARK G5000-IEM transmitter in a stable location, preferably in a rack mount if available, ensuring good ventilation and a clear line of sight for the antennas to optimize signal transmission.



Image: Diagram illustrating the connection of the G5000 transmitter to an audio mixer and a bodypack receiver, showing input and output paths.

1. **Connect Power:** Connect the provided power adapter to the DC IN (12V-18V) port on the rear of the transmitter and plug it into a standard power outlet.
2. **Connect Audio Input:** Use the included 6.35mm audio line or XLR cables (not included) to connect your audio source (e.g., mixer, audio interface) to the AF IN (R) and AF IN (L) ports on the rear of the transmitter. Adjust the AF LEVEL knobs as needed to match your audio source's output.
3. **Attach Antennas:** Screw the two antennas securely into the ANT ports on the rear of the transmitter. Position them vertically for optimal signal transmission and reception.

2. Bodypack Receiver Preparation

Each bodypack receiver requires two AA batteries for operation. Ensure you have fresh batteries available.

1. **Install Batteries:** Open the battery compartment on the back of each bodypack receiver and insert two AA batteries, carefully observing the correct polarity (+/-) markings.
2. **Connect Earphones:** Plug the provided in-ear earphones into the 3.5mm headphone jack located on the top of each bodypack receiver. Ensure the connection is firm.

OPERATING INSTRUCTIONS

1. Powering On and Initial Pairing

1. **Power On Transmitter:** Press the "Switch" button on the front panel of the G5000-IEM transmitter. The LCD display will illuminate, showing the current operating status.
2. **Power On Bodypack:** Press and hold the power button on each bodypack receiver until its display illuminates.
3. **One-Click Pair Matching:** To synchronize the bodypack receivers with the transmitter, press the "Set" button on the transmitter. The system will automatically scan and pair with available bodypacks on the same frequency, indicated by a successful connection on both displays.

PRODUCT LIST

6.5mm audio line x1
powerx1
headphonesx2
body packx2
receiverx1
instructionx1
earplugx2



Image: A hand pressing the 'Set' button on the G-MARK G5000 transmitter, demonstrating the one-click pairing function for quick synchronization.

2. Adjusting Frequency and Volume

- 1. Frequency Selection:** If you encounter interference or need to change channels, use the "Set" button and arrow keys on the transmitter to navigate and select a different frequency. After changing the frequency on the transmitter, ensure all paired bodypacks are re-paired to the new frequency.
- 2. Volume Control:** Use the dedicated volume knob on each bodypack receiver to adjust the monitoring level to a comfortable and safe listening volume.

COMPATIBLE WITH MANY AUDIO DEVICES

Mixer, professional amplifier, active speaker, etc.

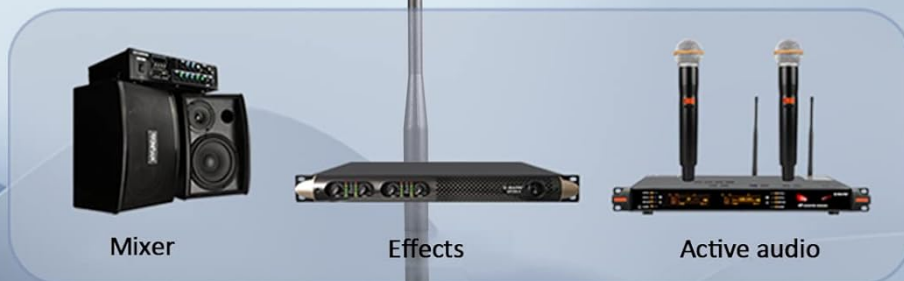


Image: The G-MARK G5000 transmitter's LCD display, showing current frequency and signal strength indicators for monitoring system status.

3. Multiple Receiver Operation

The G5000 system supports multiple bodypack receivers operating simultaneously from a single transmitter, making it ideal for bands or groups.

LONG DISTANCE

TRANSMISSION TECHNOLOGY UP TO 100 METERS

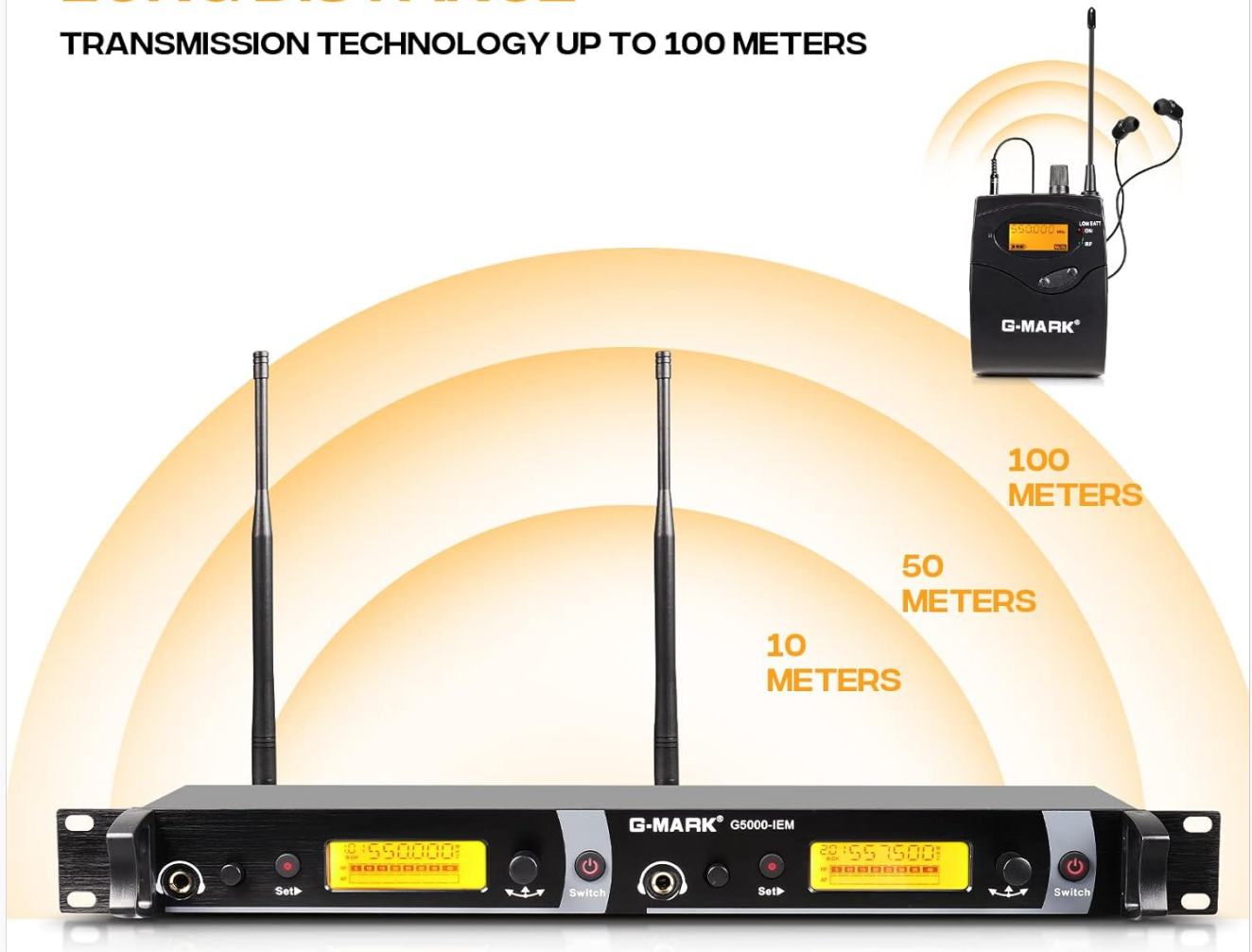


Image: Multiple G-MARK bodypack receivers shown in use, demonstrating the system's capability to provide synchronous audio monitoring for several users from one transmitter.

Ensure each bodypack is successfully paired to the same frequency as the transmitter for synchronized audio monitoring across all users.

MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to gently clean the surfaces of the transmitter and bodypack receivers. Avoid using liquid cleaners, abrasive materials, or solvents, as these can damage the finish or internal components.
- **Battery Replacement:** Replace AA batteries in the bodypack receivers promptly when the low battery indicator appears on the display to ensure uninterrupted performance. Remove batteries if the device will not be used for an extended period to prevent leakage and damage.
- **Storage:** Store the system in a cool, dry place away from direct sunlight, excessive heat, and extreme temperatures. Protect it from dust and moisture.
- **Antenna Care:** Handle antennas carefully to prevent bending or damage. Ensure they are securely attached to the transmitter during use and detached or folded for transport to avoid stress on the connectors.

TROUBLESHOOTING

Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
No sound from earphones	<ul style="list-style-type: none"> • Bodypack not powered on • Low or dead batteries • Earphones not properly connected • Bodypack not paired to transmitter • Transmitter not receiving audio input • Volume too low on bodypack 	<ul style="list-style-type: none"> • Ensure bodypack is powered on • Replace AA batteries in bodypack • Check earphone connection to bodypack • Perform one-click pair matching (see Operating Instructions) • Verify audio source connection to transmitter and input levels • Increase volume on bodypack receiver
Interference or poor sound quality	<ul style="list-style-type: none"> • Interference from other wireless devices • Transmitter and receiver on different frequencies • Obstacles blocking signal path • Distance between transmitter and receiver too far 	<ul style="list-style-type: none"> • Change to a different frequency on the transmitter and re-pair bodypacks • Ensure transmitter and all bodypacks are on the exact same frequency • Reduce obstacles (walls, metal objects) between transmitter and receivers • Move closer to the transmitter (within 300 ft / 100m range)
Bodypack display not working	<ul style="list-style-type: none"> • Low or dead batteries • Device malfunction 	<ul style="list-style-type: none"> • Replace AA batteries with fresh ones • If problem persists after battery replacement, contact customer support

SPECIFICATIONS

Feature	Detail
Model Name	G5000-4
Connectivity Technology	Wireless (UHF)
Frequency Range	520 MHz to 580 MHz
Transmission Distance	Up to 300 feet (barrier-free) / 100 meters
Material	Metal (Transmitter chassis)
Power Source (Receiver)	2 x AA Batteries (not included)
Headphones Jack	3.5 mm (Bodypack), 6.35 mm (Transmitter Monitor Out)
Item Weight	5.29 pounds (total package)
Package Dimensions	22.5 x 13 x 3.5 inches
UPC	678324347868

WARRANTY AND SUPPORT

For warranty information or technical support, please refer to the contact details provided with your purchase or visit the official G-MARK website. It is recommended to keep your proof of purchase for any warranty claims or service requests.