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G-MARK G5.1IEM

G-MARK G5.1IEM Wireless In-Ear Monitor System User Manual

INTRODUCTION

Welcome to the G-MARK G5.1IEM Wireless In-Ear Monitor System. This system is engineered to deliver stable and high-fidelity audio monitoring for a variety of professional applications, including live performances, studio recording, and stage use. This manual provides essential information for the proper setup, operation, and maintenance of your new system.

WHAT'S IN THE BOX

- 1x Wireless In-Ear System Transmitter
- 1x UHF Bodypack Receiver
- 1x 6.35mm Audio Cable
- 1x In-Ear Earbud Set
- 1x Power Adapter
- 1x Antenna
- 1x User Manual

WHAT YOU GET



The package includes the G-MARK G5.1 IEM transmitter, a bodypack receiver, in-ear earbuds, a power adapter, an antenna, and a 6.35mm audio cable.

PRODUCT OVERVIEW

Transmitter (G-MARK G5.1 IEM)

The transmitter unit is the central hub of your monitoring system, responsible for broadcasting the audio signal to the bodypack receivers. It features a clear display for monitoring channel and frequency, along with controls for system configuration.

STURDY METAL BUILD

UHF MHZ FREQUENCY BAND
EFFECTIVE AUDIO MIX
SEPARATE OUTPUTS FOR PURE MONITORING



The transmitter features a display screen, control buttons for frequency modulation and sync, a power on/off button, a monitoring interface with volume control, and AF IN (R/L) inputs on the rear panel, along with antenna sockets and power input.

Bodypack Receiver

The bodypack receiver is a compact, portable unit that receives the audio signal from the transmitter and delivers it to your in-ear earbuds. It is powered by AA batteries and includes a volume control for personal adjustment.

BODYPACK RECEIVER



The bodypack receiver includes a power switch and volume knob, a low battery indicator, and an RF signal indicator. It is designed for portability and personal monitoring.

SETUP INSTRUCTIONS

Connecting the Transmitter

1. Connect the power adapter to the transmitter's DC IN (12V-18V) port and then to a power outlet.
2. Attach the included antenna to the ANTENNA socket on the rear of the transmitter.
3. Connect your audio source (e.g., mixing console, audio mixer) to the AF IN (R) and AF IN (L) inputs on the transmitter. Use the provided 6.35mm audio cable or XLR cables (not included) as appropriate for your setup.

Preparing the Bodypack Receiver

1. Open the battery compartment on the back of the bodypack receiver.
2. Insert two AA batteries, ensuring correct polarity (+/-).
3. Close the battery compartment securely.
4. Connect the in-ear earbuds to the 3.5mm headphone jack on the bodypack receiver.

Your browser does not support the video tag.

This video demonstrates the unboxing of the G-MARK G5.1IEM system, showing all included components, and provides a step-by-step guide on how to connect the transmitter to a mixing console and power it on.

OPERATING INSTRUCTIONS

Powering On and Pairing

1. Turn on the transmitter by pressing the power button. The display will illuminate, showing the current channel and frequency.
2. Turn on the bodypack receiver by rotating the volume knob clockwise. The display will show the current channel and frequency.
3. To pair the receiver with the transmitter, ensure both devices are powered on. On the transmitter, use the frequency modulation buttons to select a desired channel. Press the **SYNC** button on the transmitter. Hold the bodypack receiver close to the transmitter's SYNC area (usually near the display) until the RF indicator on the receiver lights up, indicating a successful connection.

Adjusting Volume and Monitoring

- Adjust the monitoring volume for your earbuds using the volume knob on the bodypack receiver.
- The transmitter also features a front listener interface with an independent volume adjustment knob for direct monitoring.

Frequency Selection

The G5.1IEM system operates in the UHF band of 550 MHz to 580 MHz, offering 40 available channels. If you encounter signal interference, use the frequency modulation buttons on the transmitter to select a different, clearer channel. The system supports setting and storing multiple groups of preset frequencies.

UHF SIGNAL WITH PHASE LOCKED LOOP

Support to set a group of frequencies and stored by the user multiple groups of preset frequencies are compatible



The transmitter's display provides real-time information on UHF signal strength, channel, and frequency, allowing for precise adjustments.

TROUBLESHOOTING

No Audio from Receiver

- **Power Check:** Ensure both the transmitter and receiver are powered on.
- **Battery Check:** Verify that the receiver has fresh AA batteries and they are inserted with correct polarity.
- **Audio Source:** Confirm that the transmitter is receiving an audio signal from your connected source (e.g., mixer).
- **Pairing Status:** Check if the receiver is successfully paired with the transmitter (the RF indicator on the receiver should be lit). Re-sync if necessary.
- **Volume Levels:** Ensure the volume levels on both the transmitter's monitoring interface and the bodypack receiver are turned up.
- **Earbud Connection:** Make sure the earbuds are properly connected to the receiver's headphone jack.

Signal Dropouts or Interference

- **Operating Distance:** Ensure the transmitter and receiver are within the specified operating distance of 150-200 ft (45-60 meters).
- **Channel Selection:** Change the operating channel on the transmitter using the frequency modulation buttons to find a clearer frequency. The system offers 40 channels to choose from.
- **Line of Sight:** Minimize physical obstructions between the transmitter and receiver.
- **External Interference:** Check for other wireless devices operating in the same UHF frequency band that might be causing interference.

SPECIFICATIONS

Feature	Value
Model Name	G5.1IEM
Brand	G-MARK
Connectivity Technology	Wireless
Wireless Communication Technology	True Wireless
UHF Band Operation	550 MHz to 580 MHz
Operating Distance	150 ft to 200 ft (approx. 45-60 meters)
Frequency Response	20Hz-25KHz
Dynamic Range	107 dB
Number of Channels	40
Headphones Jack	6.35 mm Jack (Transmitter), 3.5mm Jack (Receiver)
Control Type	Volume Control, Button
Special Feature	LCD Display, Volume Control
Material	Aluminum (Transmitter)
Power Supply (Receiver)	2x AA Batteries
Item Weight	3.21 pounds (total package)

WARRANTY AND SUPPORT

For detailed warranty information and technical support, please refer to the official G-MARK website or contact your authorized local dealer. It is recommended to retain your purchase receipt as proof of purchase for any warranty claims.

For additional resources, product updates, and to explore other G-MARK audio equipment, please visit the official G-MARK store on Amazon: [G-MARK Store](#).

