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## Moman H2E-2

# Moman H2E Motorcycle Intercom Headset User Manual

Model: H2E-2 | Brand: Moman

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## 1. INTRODUCTION

This user manual provides detailed instructions for the installation, operation, and maintenance of your Moman H2E Motorcycle Intercom Headset. The H2E system is designed to enhance your riding experience with seamless communication, high-fidelity audio, and advanced noise cancellation. Please read this manual thoroughly before use to ensure proper functionality and safety.



Figure 1: Moman H2E Motorcycle Intercom Headset (2-Pack) with interchangeable shells.

## 2. SAFETY INFORMATION

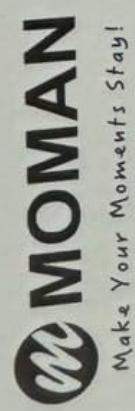
Always prioritize your safety while riding. Adhere to all local traffic laws and regulations. Do not operate the device in a manner that distracts you from safe riding. Ensure the headset is securely installed and does not obstruct your vision or movement. Keep the device away from extreme temperatures and direct sunlight. Do not attempt to disassemble or modify the device, as this may void the warranty and pose a safety risk.

## 3. PACKAGE CONTENTS

The Moman H2E Motorcycle Intercom Headset package includes the following items:

- Main Unit (x2)
- Back Clip (x2)

- Pattern Shells Kit (x4)
- Replaceable Microphone Speakers (x2 sets)
- Charging Cable (x2)
- User Manual (x1)
- Velcro Accessories Kit (x2)



**H2E**

Headset Helmet Intercom  
2-Rider Kit

Figure 2: Front view of the Moman H2E product packaging.



Figure 3: Rear view of the Moman H2E product packaging, showing key specifications.

## 4. PRODUCT OVERVIEW

The Moman H2E is a motorcycle intercom headset featuring dual-chip technology for versatile audio multitasking. It offers Hi-Fi stereo sound, triple noise cancellation, and an intuitive control knob for ease of use while riding. The device is designed with an "Eagle-Like" aesthetic and includes interchangeable shells for personalization.

# Eagle-Like Design With Personality

Cool Biomimetic Appearance

Eagle-Like

MOMAN

Interchangeable Shells  
DIY the shell to yourself

Figure 4: The Moman H2E headset showcasing its unique "Eagle-Like" design and interchangeable color shells.

# Intuitive knob For Effortless Control



Figure 5: The intuitive, glove-friendly control knob on the Moman H2E headset, designed for easy adjustments during rides.

## 5. SETUP

### 5.1. Helmet Installation

The Moman H2E headset can be installed on most motorcycle helmets using one of two methods: the clip mount or the adhesive mount.

#### Method 1: Clip Mount Installation

1. Remove the helmet's inner padding to access the ear pockets.
2. Place the speaker pads (if needed) inside the helmet's ear pockets.
3. Insert the speakers into the ear pockets, ensuring they are aligned with your ears for optimal sound.
4. Route the speaker and microphone wires neatly under the helmet padding.
5. Attach the microphone to a suitable position near your mouth, ensuring it does not interfere with your visor.

6. Secure the clip mount to the edge of the helmet shell, tightening the screws to ensure a firm grip.
7. Slide the main unit onto the clip mount until it clicks into place.
8. Connect the speaker/microphone cable to the main unit.
9. Reinstall the helmet's inner padding.

Your browser does not support the video tag.

Video 1: Detailed installation instructions for the Moman H2E headset on a motorcycle helmet using the clip mount method. This video demonstrates speaker and microphone placement, wire routing, and securing the main unit.

## **Method 2: Adhesive Mount Installation**

1. Clean the desired mounting area on the helmet's exterior with an alcohol wipe and let it dry completely.
2. Peel off the protective backing from the adhesive mount.
3. Firmly press the adhesive mount onto the helmet surface for at least 30 seconds. Ensure a strong bond.
4. Allow the adhesive to cure for at least 24 hours before attaching the main unit.
5. Once cured, slide the main unit onto the adhesive mount until it clicks into place.
6. Connect the speaker/microphone cable to the main unit.
7. Reinstall the helmet's inner padding.

For both methods, ensure all cables are tucked away neatly to prevent interference and maintain comfort.

## **5.2. Charging the Device**

Before first use, fully charge the Moman H2E headset. Connect the provided USB charging cable to the charging port on the unit and plug the other end into a USB power source (e.g., computer, wall adapter). The charging indicator light will show the charging status. A full charge typically takes approximately 2 hours.

# Large Battery Capacity



Figure 6: The Moman H2E headset connected to its charging cable, highlighting its 800mAh battery capacity and charging time.

## 6. OPERATING INSTRUCTIONS

### 6.1. Power On/Off

- **Power On:** Press and hold the Power button until the indicator light turns on.
- **Power Off:** Press and hold the Power button until the indicator light turns off.

### 6.2. Bluetooth Pairing

The Moman H2E supports one-click pairing for convenience.

- **Pairing with Phone:** In power-off state, press and hold the Power button for 5 seconds until the indicator light flashes red and blue alternately. On your phone, search for "Moman H2E" in Bluetooth settings and select to connect.
- **Pairing with Another H2E Intercom:** Ensure both units are off. On both units, press and hold the Intercom button

until the indicator lights flash red and blue alternately. They will automatically connect.

## Intercom From Touching Distance To 1000m



Figure 7: The Moman H2E's 1000m intercom range and simplified one-click pairing process.

### 6.3. Intercom Function

Once paired, you can initiate intercom communication. The H2E supports 2-way intercom communication with a range of up to 1000 meters.

- **Start Intercom:** Briefly press the Intercom button.
- **End Intercom:** Briefly press the Intercom button again.

### 6.4. Music Playback & Sharing

- **Play/Pause Music:** Briefly press the Multi-function button.
- **Next Track:** Rotate the control knob clockwise.
- **Previous Track:** Rotate the control knob counter-clockwise.
- **Music Sharing:** While music is playing, press and hold the Music Sharing button to share audio with a paired H2E

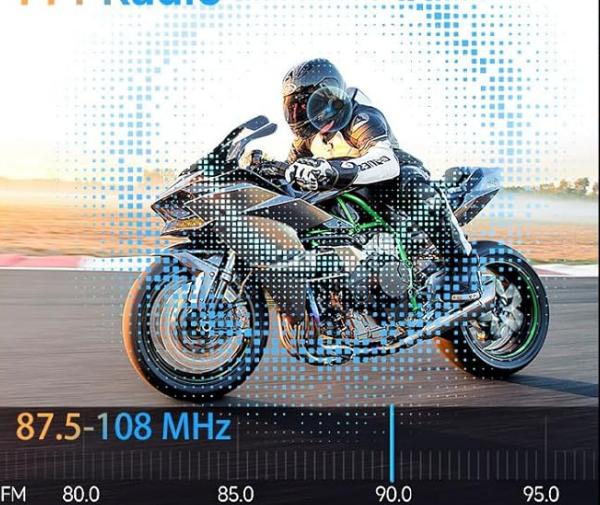
unit.

# Multiple Riding Sensations In One

## Music Sharing



## FM Radio



## AI Voice Assistant

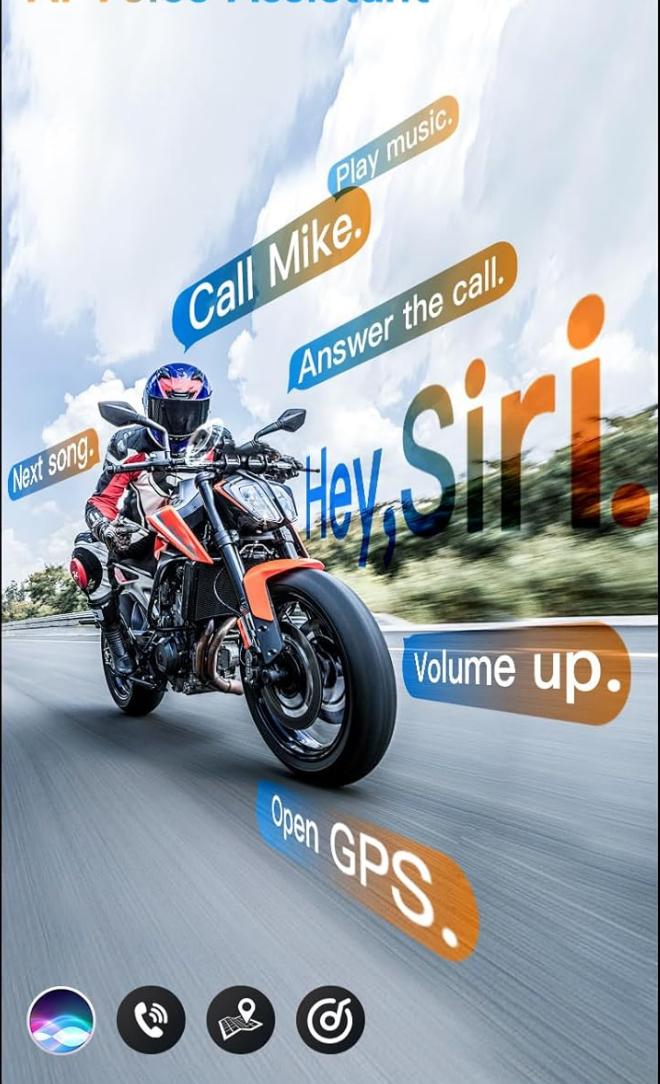


Figure 8: The Moman H2E offers various entertainment options including music sharing, AI voice assistant, and FM radio.

# Hi-Fi Stereo Sound & Triple Noise Reduction



Figure 9: The Moman H2E provides immersive Hi-Fi stereo sound and features DSP, CVC, and windproof mic technology for 98% noise reduction.

## 6.5. FM Radio

- **Turn On/Off FM Radio:** Press and hold the FM button.
- **Scan Stations:** Briefly press the Multi-function button while FM is active.

## 6.6. AI Voice Assistant & Call Management

- **Activate Voice Assistant (Siri/Google Assistant):** Briefly press the Voice Assistant button.
- **Answer Call:** Briefly press the Multi-function button.
- **End Call:** Briefly press the Multi-function button during a call.
- **Reject Call:** Press and hold the Multi-function button when a call comes in.

## 6.7. Volume Control

Rotate the large control knob clockwise to increase volume and counter-clockwise to decrease volume.

## 6.8. Audio Multitasking

Thanks to its dual-chip technology, the Moman H2E allows you to seamlessly mix intercom conversations with other audio sources like music, FM radio, or GPS navigation without interruption or manual switching.



Figure 10: The Moman H2E's dual-chip operation enables audio multitasking, allowing simultaneous intercom, music, GPS, and FM radio.

## 7. MAINTENANCE

### 7.1. Cleaning

Wipe the headset unit with a soft, damp cloth. Do not use abrasive cleaners or solvents. Ensure the charging port is free of dust and debris.

### 7.2. Battery Care

To prolong battery life, avoid fully discharging the battery frequently. Charge the device regularly, especially if it will be stored for an extended period. Store the device in a cool, dry place.

### 7.3. Water Resistance

The Moman H2E has an IPX6 waterproof rating, meaning it is protected against high-pressure water jets from any direction. While it can withstand rain and splashes, it is not designed for submersion. Ensure the charging port cover is securely closed before exposure to water.

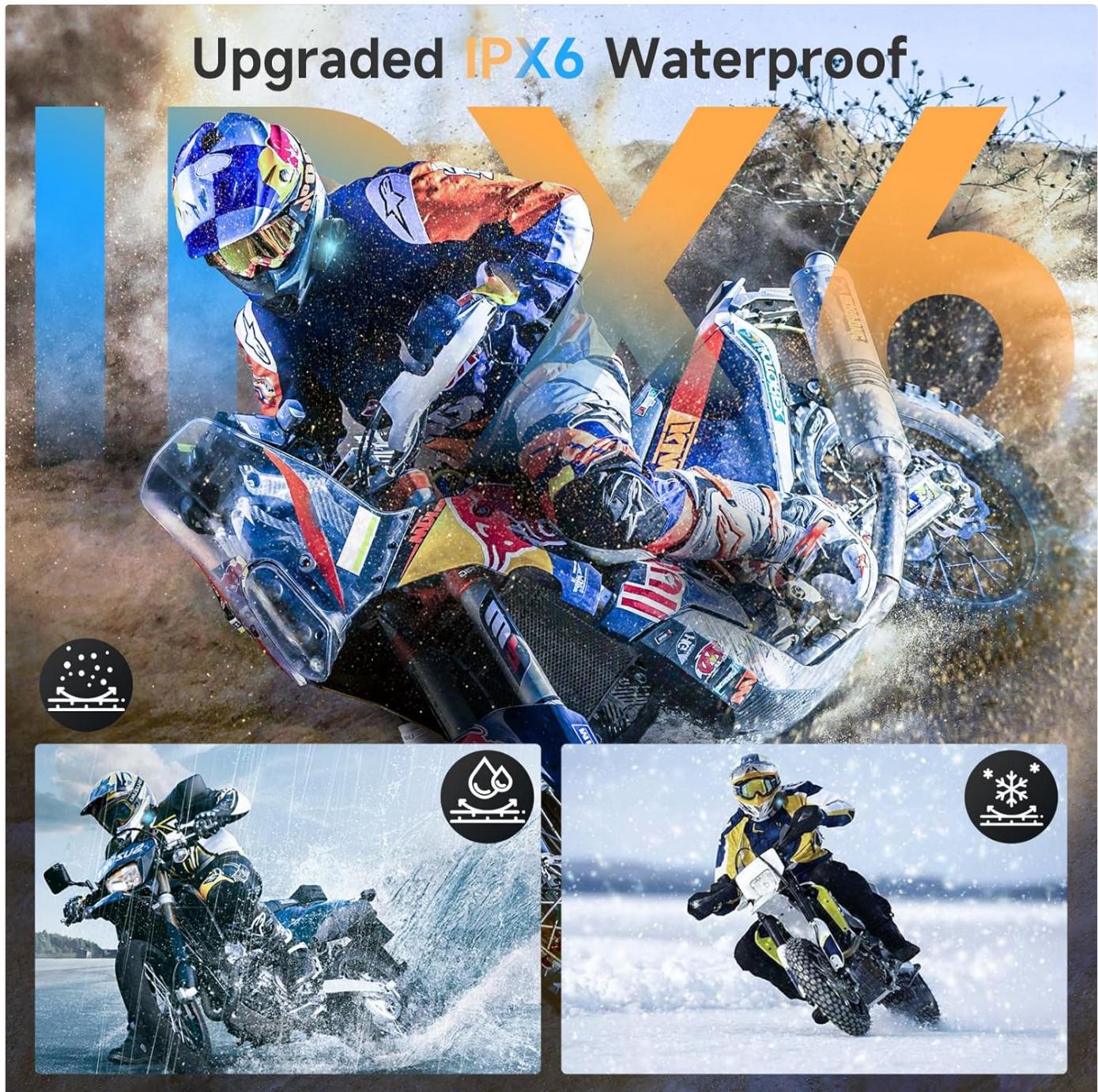


Figure 11: The Moman H2E headset demonstrating its IPX6 waterproof capabilities in various weather conditions.

## 8. TROUBLESHOOTING

Problem	Possible Cause	Solution
Device does not power on.	Low battery.	Charge the device fully.

Problem	Possible Cause	Solution
Cannot pair with phone/intercom.	Incorrect pairing mode; distance too far.	Ensure device is in pairing mode (flashing red/blue). Bring devices closer. Reset Bluetooth on phone.
No sound from speakers.	Volume too low; speakers not connected properly.	Increase volume. Check speaker connections.
Intercom connection unstable.	Out of range; interference.	Move closer to the other intercom unit. Avoid areas with strong electromagnetic interference.
Poor microphone clarity.	Microphone position; wind noise.	Adjust microphone closer to mouth. Ensure windproof mic cover is properly installed.

## 9. SPECIFICATIONS

Feature	Detail
Model Name	H2E-2
Connectivity Technology	Wireless (Bluetooth)
Bluetooth Version	4.2
Battery Capacity	800mAh
Battery Life	Up to 25 Hours (continuous use)
Charging Time	Approx. 2 Hours
Water Resistance Level	IPX6 (Water Resistant)
Noise Control	Active Noise Cancellation (DSP + CVC + Windproof Mic)
Intercom Range	Up to 1000m
FM Radio Frequency	87.5-108MHz
Audio Driver Type	Dynamic Driver (40mm speakers)
Material	Plastic
Item Weight	1.34 pounds
Manufacturer	Moman

## 10. WARRANTY & SUPPORT

Moman products are designed for durability and performance. For specific warranty terms and conditions, please refer to the warranty card included in your product packaging or visit the official Moman website. Keep your proof of purchase for warranty claims.

### Support

For technical support, troubleshooting assistance, or any inquiries regarding your Moman H2E headset, please contact

Moman customer service through the following channels:

- **Official Website:** [www.moman.com](http://www.moman.com)
- **Email Support:** Refer to the contact information provided in your product manual or on the official website.

Please have your product model number (H2E-2) and purchase details ready when contacting support.

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## Related Documents - H2E-2

 <small>Benutzerhandbuch - User Manual - Instructions - Manual del Usuario - Manual de Utilización</small>	<p><b><a href="#">MOMAN H2E Headset Helmet Intercom User Manual</a></b></p> <p>Comprehensive user manual for the MOMAN H2E Headset Helmet Intercom, covering product introduction, operation, installation, charging, and specifications. Learn how to use your intercom for calls, music, and rider-to-rider communication.</p>
 <small>CONTENTS</small>	<p><b><a href="#">Manual de Usuario MOMAN H2E Intercomunicador Bluetooth para Casco</a></b></p> <p>Guía completa para el intercomunicador Bluetooth MOMAN H2E. Aprenda a instalar, emparejar, operar funciones de música, llamadas y más para su casco de motocicleta.</p>
 <small>User Manual - Benutzerhandbuch - Manual de Usuario - Manual del Usuario - Manual de Utilización</small>	<p><b><a href="#">MOMAN H2 PRO Motorcycle Helmet Intercom User Manual</a></b></p> <p>Detailed user manual for the MOMAN H2 PRO motorcycle helmet intercom. This guide provides comprehensive instructions on installation, operation, phone and music controls, FM radio functions, Bluetooth pairing, music sharing, technical specifications, charging, and important safety notes.</p>
 <small>CONTENTS</small>	<p><b><a href="#">Moman H1 Motorcycle Helmet Intercom User Manual</a></b></p> <p>User manual for the Moman H1 motorcycle helmet intercom system. Learn about product care, package contents, operation, and specifications.</p>
 <small>User Manual - Benutzerhandbuch - Manual de Usuario - Manual del Usuario - Manual de Utilización</small>	<p><b><a href="#">MOMAN CP-X Helmet Intercom User Manual</a></b></p> <p>This user manual provides detailed instructions for the MOMAN CP-X Helmet Intercom, covering setup, Bluetooth pairing, mesh intercom modes (Open Mesh, Group Mesh), phone control, music playback, voice assistant, charging, language settings, FM radio, reset procedures, installation, removal, and technical specifications.</p>



## [MOMAN H2 PRO Headset Helmet Intercom User Manual](#)

The MOMAN H2 PRO Headset Helmet Intercom User Manual provides comprehensive instructions for operating, installing, and maintaining the H2 PRO Bluetooth intercom system. Learn about features like music control, phone calls, FM radio, multi-intercom pairing, and troubleshooting for an optimal helmet communication experience.