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Moman H2E-1

Moman H2E Motorcycle Intercom User Manual

Model: H2E-1

1. INTRODUCTION

The Moman H2E Motorcycle Intercom is an advanced communication system designed to enhance your riding experience. Featuring dual-chip technology for seamless audio multitasking, Hi-Fi stereo sound with triple noise reduction, and an intuitive, glove-friendly design, the H2E ensures clear communication and immersive entertainment on the road. Its robust IPX6 waterproof rating and long-lasting battery make it suitable for various riding conditions.

2. PRODUCT FEATURES

2.1 Dual-Chip Audio Multitasking

The Moman H2E integrates dual-chip technology for powerful audio multitasking, allowing seamless blending of intercom conversations with music, FM radio, or GPS navigation. This eliminates interruptions and the need for frequent mode switching. The dual chips also enhance transmission speed, coverage distance, and connection stability, ensuring a smoother and clearer riding experience up to 1000 meters.

Audio Multitasking In Three Scenarios

No more frequent switching.



Image: Illustration of the H2E's dual-chip audio multitasking, allowing simultaneous intercom, music, GPS, and FM radio functions.

2.2 Hi-Fi Stereo Sound & Triple Noise Reduction

Experience realistic sound with the H2E's advanced stereo effect and 40mm HiFi speaker, faithfully reproducing audio details for an immersive experience. Enhanced with DSP, CVC, and a wind-proof microphone, the H2E reduces environmental noise by 98%, ensuring crystal-clear communication even at high speeds.

Hi-Fi Stereo Sound & Triple Noise Reduction



Image: Visual representation of the H2E's Hi-Fi stereo sound and triple noise reduction technology, including DSP, CVC, and a wind-proof microphone.

2.3 One-Click Operation & Glove-Friendly Design

Designed for simplicity and convenience, the H2E features intuitive one-click operations for functions like pairing, muting, voice assistant activation, music sharing, and call answering. The large, specially designed knob ensures practical and safe operation, even when wearing gloves, allowing you to stay focused on the road.

Intuitive knob For Effortless Control



Glove-friendly

Image: The H2E's intuitive, glove-friendly control knob, designed for easy operation while riding.

2.4 Eagle-Like Design & Interchangeable Shells

The intercom boasts a striking bionic eagle-like design, offering a unique and powerful aesthetic. It includes interchangeable color shells (three included, two additional options) for easy customization to match your personal style.

Eagle-Like Design With Personality

Cool Biomimetic Appearance



Image: The H2E's distinctive eagle-like design and the option for interchangeable colored shells.

2.5 Extended Battery Life & IPX6 Waterproofing

Equipped with a powerful 800mAh battery, the H2E provides up to 25 hours of continuous operation and 300 hours of standby time, ensuring ample power for long rides. Its IPX6 waterproof rating guarantees reliable performance in various weather conditions, protecting against splashes and rain.

Large Battery Capacity



Image: Details of the H2E's large battery capacity and its impressive working and standby times.

Upgraded IPX6 Waterproof



Image: The H2E's IPX6 waterproof rating, demonstrating its resilience in wet and snowy environments.

3. PACKAGE CONTENTS

Please check the box for the following items:

- Moman H2E Intercom Unit
- Headphone/Microphone Kit
- Mounting Bracket (Clip and Adhesive options)
- USB Charging Cable
- Interchangeable Color Shells (e.g., Blue, Orange, Silver)
- User Manual

4. INSTALLATION AND SETUP

4.1 Mounting the Intercom

- Choose Mounting Location:** Select a flat, suitable area on the left side of your helmet.
- Attach Bracket:** Use either the clip-on bracket (for helmets with a suitable edge) or the adhesive bracket (for smooth surfaces). Ensure it is securely fastened.
- Insert Intercom Unit:** Slide the H2E intercom unit onto the mounted bracket until it clicks into place.

4.2 Installing Speakers and Microphone

- Speaker Placement:** Attach the speakers inside the helmet's ear pockets using the adhesive pads. Ensure they are aligned with your ears for optimal sound.
- Microphone Placement:** For full-face helmets, attach the soft-wire microphone to the chin bar. For open-face helmets, use the hard-wire boom microphone and position it near your mouth.
- Connect Cables:** Plug the speaker and microphone cables into the corresponding ports on the H2E intercom unit. Route cables neatly under the helmet padding.

5. OPERATION

5.1 Power On/Off

- Power On:** Press and hold the Power button for 3 seconds until the indicator light turns on.
- Power Off:** Press and hold the Power button for 3 seconds until the indicator light turns off.

5.2 Bluetooth Pairing

The H2E supports one-click pairing for quick connection to your smartphone or other Bluetooth devices.

- Enter Pairing Mode:** With the device off, press and hold the Power button for 5 seconds until the indicator light flashes red and blue alternately.
- Connect on Device:** On your smartphone or GPS, enable Bluetooth and select "Moman H2E" from the list of available devices.
- Confirmation:** The indicator light will turn solid blue when successfully paired.

5.3 Intercom Communication

The H2E allows intercom communication up to 1000 meters.

Intercom From Touching Distance To 1000m



Image: The H2E's intercom communication range, extending up to 1000 meters.

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

5.4 Music Playback & Sharing

Multiple Riding Sensations In One



Image: The H2E's capabilities for music sharing, AI voice assistance, and FM radio.

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

5.5 FM Radio

- **Turn On/Off FM:** Press the FM button.
- **Scan Stations:** Press and hold the FM button to automatically scan and save available stations.
- **Change Station:** Briefly rotate the Multi-function Knob.

5.6 Phone Calls

- **Answer Call:** Briefly press the Multi-function Knob.
- **End Call:** Briefly press the Multi-function Knob during a call.
- **Reject Call:** Press and hold the Multi-function Knob for 2 seconds when a call comes in.
- **Redial Last Number:** Double-press the Multi-function Knob.

5.7 Voice Assistant

- **Activate Voice Assistant:** Press and hold the Voice Assistant button (or Multi-function Knob, depending on model variant) for 2 seconds to activate Siri, Google Assistant, etc.

5.8 Volume Control

- **Increase Volume:** Rotate the Multi-function Knob clockwise.
- **Decrease Volume:** Rotate the Multi-function Knob counter-clockwise.

6. BATTERY AND CHARGING

The Moman H2E is equipped with an 800mAh battery. To charge the device, connect the supplied USB cable to the charging port on the intercom unit and a suitable USB power source. A full charge takes approximately 2 hours. The device provides up to 25 hours of working time and 300 hours of standby time.

7. MAINTENANCE

- **Cleaning:** Wipe the intercom unit with a soft, damp cloth. Do not use harsh chemicals or abrasive cleaners.
- **Storage:** Store the device in a cool, dry place when not in use. Avoid extreme temperatures.
- **Battery Care:** For optimal battery life, avoid fully discharging the battery frequently. Charge the device regularly, especially if storing for extended periods.

8. TROUBLESHOOTING

Problem	Possible Cause	Solution
Device does not power on	Low battery; Device frozen	Charge the device; Reset the device by pressing and holding the Power button for 10 seconds.
No sound from speakers	Volume too low; Speakers not connected; Faulty speakers	Increase volume; Check speaker connections; Contact support if speakers are faulty.
Cannot pair with phone/intercom	Device not in pairing mode; Bluetooth off on phone; Too many paired devices	Ensure H2E is in pairing mode (flashing red/blue); Enable Bluetooth on phone; Clear Bluetooth history on phone and H2E, then try again.
Intercom range is short or unstable	Obstructions; Environmental interference; Out of range	Ensure clear line of sight; Move away from sources of interference; Stay within the 1000m range.

Problem	Possible Cause	Solution
Noise during communication	Microphone not positioned correctly; High wind noise; Environmental noise	Adjust microphone position; Ensure wind-proof mic cover is used; The H2E has triple noise reduction, but extreme conditions may still affect quality.

9. SPECIFICATIONS

Feature	Detail
Model Number	H2E-1
Brand	Moman
Compatible Devices	Motorcycle
Connectivity Technology	Wireless Bluetooth
Water Resistance Level	IPX6 Waterproof
Battery Capacity	800mAh
Working Time	Up to 25 hours
Standby Time	Up to 300 hours
Charging Time	Approx. 2 hours
Intercom Range	Up to 1000 meters
FM Frequency Range	87.5 to 108 MHz
Special Features	Noise Cancellation (DSP, CVC), Integrated Voice Assistant, Fast Charging, Lightweight
Included Components	Cable, User Manual
Color	Black (with interchangeable shells)
Ear Placement	Over-Ear
Form Factor	Circumaural
Soundproofing	None (Note: Features noise cancellation, not passive soundproofing)

10. WARRANTY AND SUPPORT

Moman products are designed for reliability and performance. For specific warranty details, please refer to the warranty card included with your product or visit the official Moman website. For technical support, troubleshooting assistance, or inquiries about replacement parts, please contact Moman customer service through their official channels.

Manufacturer: Moman

Related Documents - H2E-1

 MOMAN H2E Headset Helmet Intercom User Manual 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.
 Manual de Usuario MOMAN H2E Intercomunicador Bluetooth para Casco Guía completa para el intercomunicador Bluetooth MOMAN H2E. Aprenda a instalar, emparejar, operar funciones de música, llamadas y más para su casco de motocicleta.
 MOMAN H2 PRO Motorcycle Helmet Intercom User Manual 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.
 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.
 MOMAN H2 Helmet Intercom User Manual User manual for the MOMAN H2 2-Rider Kit Helmet Intercom, detailing installation, operation, features like Bluetooth pairing, music playback, FM radio, and volume control.
 MOMAN CP-S Motorcycle Helmet Intercom User Guide A comprehensive guide to the features and operation of the MOMAN CP-S Motorcycle Helmet Intercom, covering phone calls, intercom functionality, and music playback.