

Moman H1

Moman H1 Motorcycle Helmet Headset User Manual

Model: H1

1. INTRODUCTION

The Moman H1 Motorcycle Helmet Headset is a wireless communication system designed to enhance your riding experience. It provides stable and secure communication, hands-free calling, and music streaming capabilities. With advanced transmission technology and DSP noise cancellation, the H1 ensures clear audio even at high speeds, making it ideal for motorcycle travel, dirt biking, skiing, and other outdoor activities.

2. PACKAGE CONTENTS

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

- Moman H1 Intercom Unit x1
- 3M Foam Pad for Microphone x2
- 3M Foam Pad for Speaker x4
- Quick-release Clip x1
- Pair of Speakers x1
- Coiled Microphone x1
- Hybrid Microphone x1
- Charging Cable (Type-C) x1
- Screwdriver x1
- Screws x2



Image: All components included in the Moman H1 package, showing the intercom unit, various foam pads, clip, speakers, microphones, charging cable, screwdriver, and screws.

3. PRODUCT FEATURES

- **1500m Long-Range Intercom:** Maintain real-time communication with another rider up to 1500 meters away, ideal for group riding.
- **Wireless Connectivity (Bluetooth 5.1):** Supports hands-free calls, call rejection, and music streaming from mobile phones and other Bluetooth-enabled devices.
- **40mm HD Speakers & DSP Noise Cancellation:** Enjoy excellent sound quality for music and calls. The built-in DSP noise cancellation filters out engine, wind, and traffic noises, ensuring clear audio even at speeds up to 150 km/h.
- **IP65 Waterproof Rating:** Designed to withstand harsh weather conditions including dust, rain, storms, snow, and low temperatures down to -15°F.
- **Wide Helmet Compatibility:** Adaptable to most open-face, modular, full-face, and retro helmet styles.
- **Extended Battery Life:** Features an 850 mAh battery providing up to 30 hours of continuous working time and 500 hours of standby time on a single charge.
- **All-in-one Type-C Port:** A single Type-C port handles audio, data transfer, and charging, simplifying cable management.

1500M LONG-RANGE SHARING & INTERCOM

Freely share adventure happiness with your buddies in riding, motorcycle travel, skiing, parachute, etc.

1500



Image: The Moman H1 headset mounted on a helmet, illustrating its 1500-meter long-range intercom capability for communication between riders.

HD SPEAKERS & DSP NOISE SUPPRESSION

H1 wireless motorcycle headsets include HD 40mm stereo speakers for excellent sound quality on music and calls.



Image: A visual representation of the Moman H1 headset's HD speakers and DSP noise suppression technology, designed for clear audio.

STRONG ADAPTABILITY



IP65
WATERPROOF

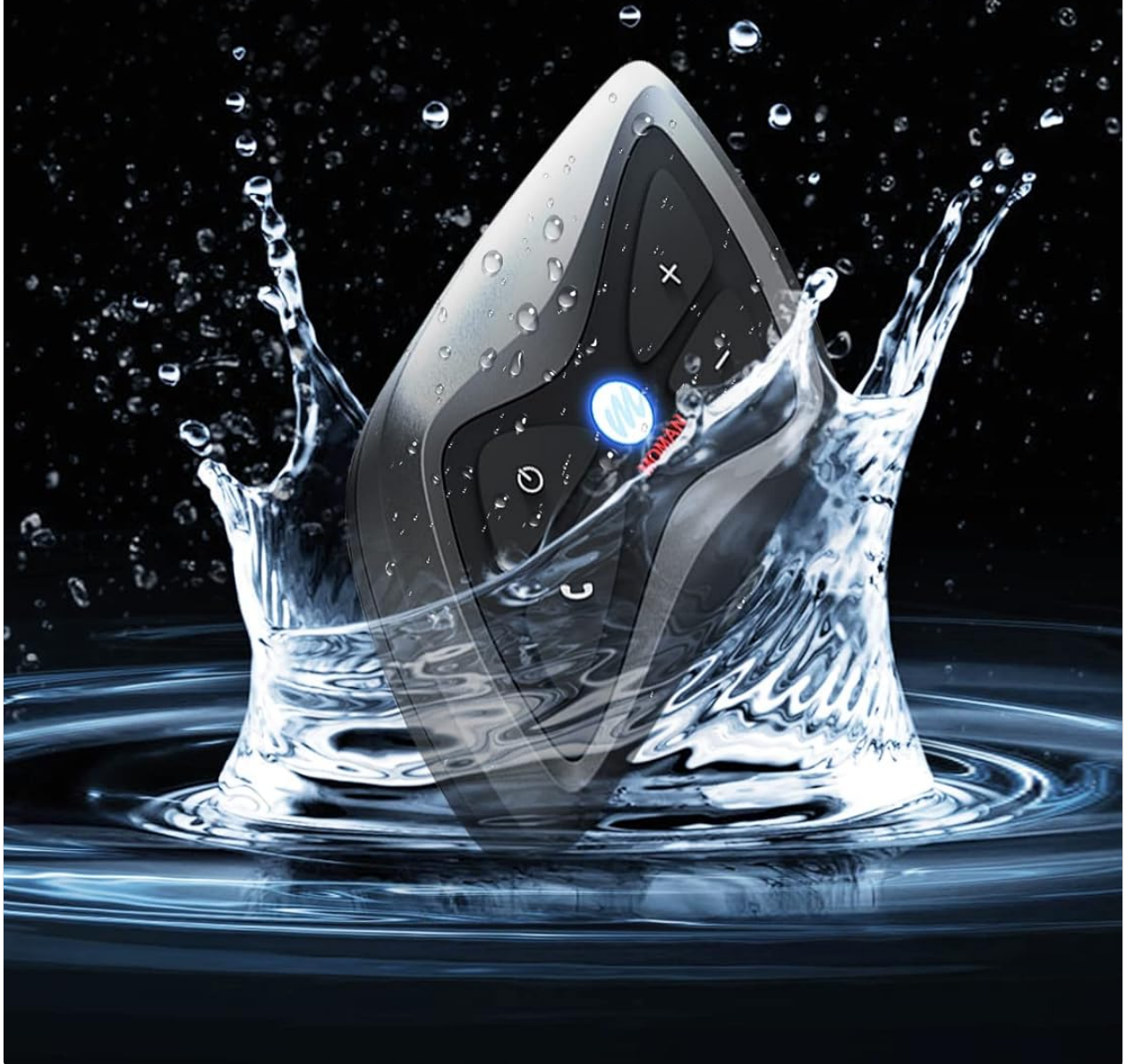


Image: The Moman H1 headset being splashed with water, demonstrating its IP65 waterproof and dustproof rating for all-weather use.



Motorcycle Race



Riding



Skiing



Parachute

Image: The Moman H1 headset connected via its Type-C charging port, emphasizing its 850 mAh battery and 30-hour continuous working time.

4. SETUP AND INSTALLATION

Follow these steps to properly install your Moman H1 headset on your helmet:

1. **Charge the Device:** Before first use, fully charge the Moman H1 intercom unit using the provided Type-C charging cable. The charging indicator will show the charging status.
2. **Choose Mounting Method:** The H1 unit can be attached to your helmet using either the quick-release clip or the 3M double-sided adhesive tape. For a more permanent and secure attachment, especially at high speeds, the 3M tape is recommended.
3. **Mount the Intercom Unit:**
 - **Using the Clip:** Slide the quick-release clip onto the edge of your helmet. Ensure it is firmly seated. Then, slide the H1 unit onto the clip until it clicks into place.
 - **Using 3M Tape:** Clean the desired mounting area on your helmet thoroughly. Peel off the protective film from one side of the 3M tape and apply it to the back of the H1 unit. Peel off the other side and firmly press the H1 unit onto the helmet for at least 30 seconds. Allow the adhesive to cure for several hours before use.
4. **Install Speakers:** Locate the ear pockets inside your helmet. Place the 40mm HD speakers into these pockets. Use the provided 3M foam pads for speakers to secure them and ensure a comfortable fit. Route the speaker wires neatly under the helmet padding.
5. **Install Microphone:** Choose either the coiled microphone (for open-face/modular helmets) or the hybrid microphone (for full-face helmets). Attach the microphone to the appropriate position inside your helmet, ensuring it is close to your mouth for optimal voice pickup. Use the 3M foam pads for microphones if needed.
6. **Connect Components:** Plug the speaker and microphone cables into the corresponding ports on the Moman H1 intercom unit.



Image: The Moman H1 intercom unit displayed with its various components, including the mounting clip, speakers, and microphones, illustrating the parts involved in installation.

30-HOUR WORKING TIME ON A SINGLE CHARGE

You could have audio, data transfer and charging via one Type-C port on intercom, avoiding messy cables connection.



Image: The Moman H1 headset securely mounted on the side of a motorcycle helmet, demonstrating a typical installation.

5. OPERATING INSTRUCTIONS

The Moman H1 headset features intuitive controls for easy operation while riding.

5.1 Power On/Off

- **Power On:** Press and hold the Power button () for approximately 3 seconds until you hear a voice prompt.
- **Power Off:** Press and hold the Power button () for approximately 3 seconds until you hear a voice prompt.

5.2 Bluetooth Pairing (First Time Use)

1. Ensure the H1 unit is powered off.
2. Press and hold the Power button () for about 5-7 seconds until the LED indicator flashes red and blue alternately, indicating pairing mode.
3. On your mobile phone or Bluetooth device, search for "Moman H1" in the Bluetooth settings.
4. Select "Moman H1" to connect. Once connected, the LED indicator will flash blue slowly, and you will hear a confirmation voice prompt.

5.3 Phone Call Management

- **Answer Call:** Briefly press the Phone button ().
- **End Call:** Briefly press the Phone button () during a call.
- **Reject Call:** Press and hold the Phone button () for 2 seconds when a call comes in.
- **Redial Last Number:** Double-press the Phone button ().

5.4 Music Playback

- **Play/Pause:** Briefly press the Moman button (center button with Moman logo).
- **Next Song:** Briefly press the Volume Up button (⬆).
- **Previous Song:** Briefly press the Volume Down button (⬇).
- **Volume Up:** Press and hold the Volume Up button (⬆).
- **Volume Down:** Press and hold the Volume Down button (⬇).

5.5 Intercom Function

The Moman H1 supports intercom communication between two paired units.

- **Pairing Two H1 Units:**
 - a. Ensure both H1 units are powered off.
 - b. On both units, press and hold the Moman button (center button) for 5 seconds until the LED indicators flash red and blue alternately.
 - c. Briefly press the Moman button on one of the units. The units will search for each other and automatically connect. Once connected, the LEDs will flash blue slowly.
- **Start Intercom:** Once paired, the intercom connection is usually automatic. If not, briefly press the Moman button on either unit to initiate intercom.
- **End Intercom:** Briefly press the Moman button during an intercom conversation.
- **Automatic Switching:** When playing music or in intercom mode, an incoming phone call will automatically switch the headset to phone mode. After the call ends, the headset will automatically reconnect to the previous mode (music or intercom).



Image: The Moman H1 headset control panel, showing the power, phone, volume up, volume down, and Moman (center) buttons, with visual cues for call management and music control.

6. MAINTENANCE

Proper maintenance will ensure the longevity and optimal performance of your Moman H1 headset.

- **Cleaning:** Due to its IP65 waterproof rating, the unit can be wiped clean with a damp cloth. Avoid using harsh chemicals or abrasive cleaners. Ensure the Type-C port cover is securely closed before cleaning or exposure to water.
- **Charging:** Charge the device regularly, especially if it will be stored for an extended period. Avoid completely draining the battery frequently, as this can reduce its lifespan. Use only the provided charging cable or a certified Type-C cable.
- **Storage:** Store the headset in a cool, dry place away from direct sunlight and extreme temperatures.
- **Speaker and Microphone Care:** Periodically check the speaker and microphone connections. Ensure the foam covers on the microphones are intact to protect against wind noise and debris.

7. TROUBLESHOOTING

If you encounter issues with your Moman H1 headset, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
Device does not power on.	Low battery; Power button not pressed long enough.	Charge the device fully. Press and hold the Power button for at least 3 seconds.
Cannot pair with phone/another H1 unit.	Not in pairing mode; Device too far; Interference.	Ensure device is in pairing mode (flashing red/blue). Bring devices closer. Turn off other Bluetooth devices.
No sound or low sound.	Volume too low; Speakers disconnected/misplaced; Microphone issue.	Increase volume on both headset and connected device. Check speaker connections and placement inside helmet. Ensure microphone is properly connected and positioned.
Voice prompts are in an unfamiliar language.	Language setting changed accidentally.	Refer to the full product manual (if available) or contact Moman customer support for instructions on changing the voice prompt language. This typically involves a specific button combination.
Intercom connection drops frequently.	Out of range; Obstructions; Interference.	Ensure riders are within the 1500m range. Minimize physical obstructions between units. Avoid areas with high electromagnetic interference.

8. SPECIFICATIONS

Feature	Specification
Model Name	H1
Connectivity Technology	Wireless (Bluetooth 5.1)
Intercom Range	Up to 1500 meters
Battery Capacity	850 mAh
Working Time	Up to 30 Hours
Standby Time	Up to 500 Hours
Charging Port	Type-C
Water Resistance Level	IP65 Waterproof
Noise Control	Active Noise Cancellation (DSP)
Audio Driver Size	40 mm

Feature	Specification
Frequency Range	20 Hz - 20,000 Hz
Item Weight	8.8 ounces
Material	Durable Plastic, Silicone, or TPE
First Available Date	May 26, 2022

9. WARRANTY AND SUPPORT

Moman products are designed for reliability and performance. For specific warranty details, please refer to the warranty card or documentation included with your product package. Typically, warranty information covers manufacturing defects and material flaws for a specified period from the date of purchase.

For technical support, troubleshooting assistance beyond this manual, or warranty claims, please contact Moman customer service. You can usually find contact information on the official Moman website or through the retailer where you purchased the product.

Please retain your proof of purchase for any warranty-related inquiries.