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## Moman H2NS-CF-1

# Moman H2 Pro Motorcycle Intercom User Manual

Model: H2NS-CF-1

## 1. INTRODUCTION

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The Moman H2 Pro is an advanced motorcycle intercom system designed to provide clear and stable communication for riders. Featuring Bluetooth 5.1 technology, DSP & CVC noise cancellation, and a range of up to 1000 meters, it ensures an enhanced riding experience. This manual provides detailed instructions for installation, operation, and maintenance of your H2 Pro intercom.



Image 1.1: Moman H2 Pro Motorcycle Intercom Unit. This image displays the main intercom unit in carbon fiber finish, with two smaller units below it, showcasing its compact design.

# H2 PRO FUNCTION OVERVIEW



Wireless 5.1



Full Duplex  
Intercom



AI Voice  
Assistant



Music Share



FM  
Radio



CVC&DSP  
Noise Cancellation



IP65  
Waterproof



900mAh  
Battery



Image 1.2: Moman H2 Pro Function Overview. This graphic highlights key features such as Wireless 5.1, Full Duplex Intercom, AI Voice Assistant, Music Share, FM Radio, CVC&DSP Noise Cancellation, IP65 Waterproofing, and a 900mAh Battery.

## 2. PACKAGE CONTENTS

Before proceeding with installation, please verify that all components are present in the package:

- Moman H2 Pro Intercom Unit (1 or 2, depending on package)
- Velcro Clip
- Back Clip
- Hook and Loop Fasteners
- Pair of Speakers with Microphone (soft and hard microphones included for versatility)
- Headphone Velcro
- USB Cable (Type-C)
- Screwdriver
- User Manual



Image 2.1: Moman H2 Pro Package List. This image visually represents all the components included in the Moman H2 Pro package, such as the intercom unit, various clips, speakers, microphone, cables, and tools.

### 3. SETUP AND INSTALLATION

The Moman H2 Pro offers flexible installation options to suit various helmet types. You can choose between a secure back clip or Velcro tape for mounting.

#### 3.1 Choosing the Microphone

The H2 Pro comes with interchangeable soft and hard microphones. Select the microphone that best fits your helmet type and riding preference:

- **Soft Microphone:** Ideal for full-face helmets, where the microphone can be easily positioned inside the helmet.
- **Hard Microphone:** Suitable for open-face or modular helmets, providing a more rigid and stable placement.

#### 3.2 Mounting the Intercom Unit

Follow these steps to install the intercom unit on your helmet:

1. **Choose Mounting Method:** Decide whether to use the back clip or the adhesive Velcro tape.
2. **Attach Mount:** If using the back clip, slide it onto the edge of your helmet. If using Velcro, clean the helmet surface and firmly press the adhesive Velcro.

3. **Secure Intercom:** Slide the H2 Pro unit onto the chosen mount until it clicks securely into place.
4. **Install Speakers:** Attach the speakers inside the helmet using the provided headphone Velcro, ensuring they are aligned with your ears for optimal audio.
5. **Connect Microphone:** Plug the chosen microphone into the intercom unit and position it appropriately near your mouth.



Image 3.1: Easy to Install Moman H2 Pro. This image illustrates the step-by-step process of installing the intercom unit onto a motorcycle helmet, from attaching the clip to securing the device and speakers.

## 4. OPERATING INSTRUCTIONS

The Moman H2 Pro is designed for intuitive control, even with gloves on, thanks to its large knobs and buttons.

### 4.1 Power On/Off and Pairing

- **Power On:** Press and hold the Power button until the indicator light illuminates.
- **Power Off:** Press and hold the Power button until the indicator light turns off.
- **Bluetooth Pairing:** In power-off state, press and hold the Power button for approximately 5 seconds until the indicator light flashes rapidly, indicating pairing mode. Search for 'Moman H2 Pro' on your device's Bluetooth settings and connect.

### 4.2 Core Functions

The H2 Pro offers a variety of functions for communication and entertainment:

- **Intercom Communication:** Connect with another H2 Pro unit for full-duplex communication up to 1000 meters. Refer to the specific pairing instructions for intercom mode in the full manual.
- **Music Playback:** Stream music from your paired smartphone. Use the knob for volume control and the function key for play/pause and track skipping.
- **Music Sharing:** Share your music with another connected H2 Pro unit.
- **FM Radio:** Tune into FM radio stations for additional entertainment during long rides.
- **AI Voice Assistant:** Activate your smartphone's voice assistant (Siri, Google Assistant) for hands-free control of calls, navigation, and music.
- **Phone Calls:** Answer, reject, or redial calls directly from the intercom unit.

# Control All In One Second

Control with Unique Knob & Button design



Image 4.1: Moman H2 Pro Control Layout. This image illustrates the intuitive control scheme of the H2 Pro, showing how to manage volume, music, calls, and voice assistant functions using the main knob and buttons.

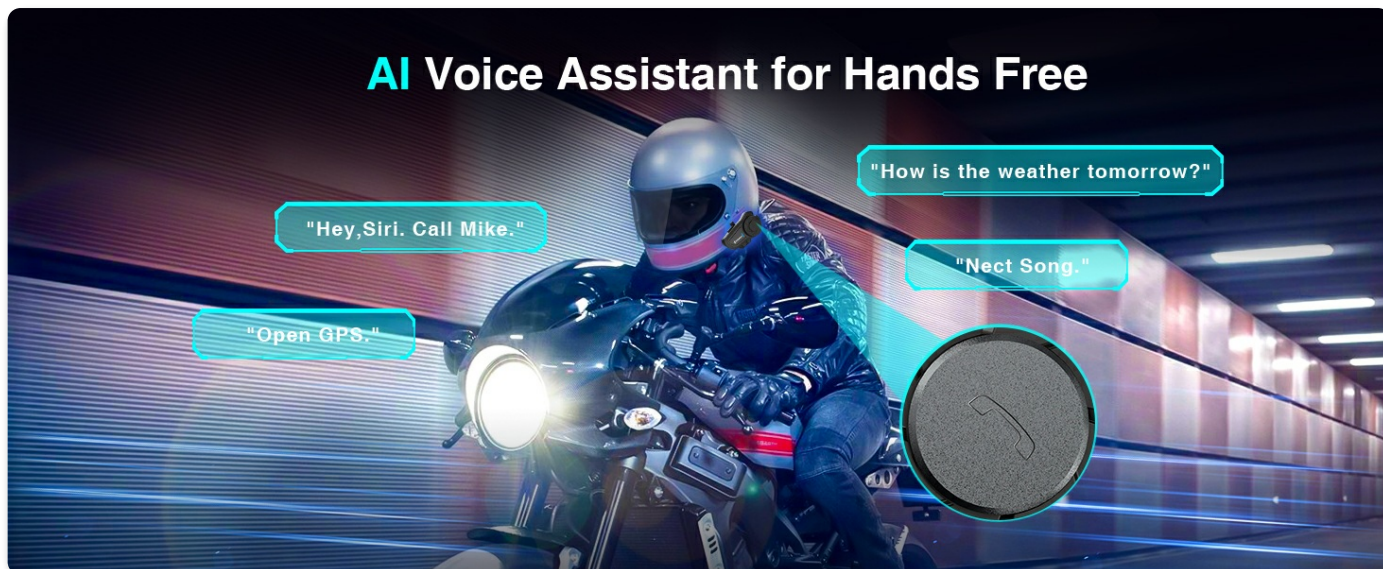


Image 4.2: AI Voice Assistant for Hands-Free Operation. This image demonstrates the convenience of the AI voice assistant feature, allowing users to control various functions with voice commands while riding.

## 5. CARE AND MAINTENANCE

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Proper care ensures the longevity and optimal performance of your Moman H2 Pro intercom.

- **Waterproof Rating:** The H2 Pro is IP65 waterproof, meaning it is protected against dust and low-pressure water jets. It can withstand rain and splashes, but should not be submerged in water.
- **Cleaning:** Wipe the unit with a soft, damp cloth. Do not use harsh chemicals or abrasive cleaners.
- **Storage:** Store the intercom in a cool, dry place when not in use. Avoid extreme temperatures.
- **Battery Care:** To maintain battery health, charge the unit regularly, even if not in frequent use. Avoid fully discharging the battery for extended periods.

# IP65 Waterproof & Dustfree



Image 5.1: Moman H2 Pro IP65 Waterproof and Dustfree. This image visually confirms the IP65 rating, showing the intercom unit being resistant to snow, water, dust, and mud, ensuring durability in various weather conditions.

## 6. TROUBLESHOOTING

If you encounter issues with your Moman H2 Pro, refer to the following common problems and solutions:

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 3 seconds
Cannot pair with phone	Device not in pairing mode; Bluetooth off on phone; Too many paired devices	Ensure device is in pairing mode (flashing light); Turn on phone's Bluetooth; Delete old Bluetooth connections on phone
Intercom range is short or connection is unstable	Obstructions; Environmental interference; Distance too great	Ensure clear line of sight between units; Avoid areas with strong electromagnetic interference; Stay within the specified 1000m range
Poor audio quality / Noise	Microphone not positioned correctly; Speakers misaligned; High wind noise	Adjust microphone closer to mouth; Reposition speakers for optimal sound; Ensure helmet visor is closed to reduce wind noise
FM Radio not working	Weak signal; Not in FM mode	Move to an area with better signal; Ensure device is switched to FM radio mode

## 7. TECHNICAL SPECIFICATIONS

Feature	Specification
Model Name	H2NS-CF-1
Connectivity Technology	Wireless (Bluetooth 5.1)
Intercom Range	Up to 1000 meters (for 2 riders)
Noise Cancellation	DSP & CVC Noise Reduction
Battery Capacity	900mAh
Working Time	Up to 20 hours (continuous operation)
Standby Time	Up to 300 hours
Charging Time	Approximately 2 hours
Water Resistance Level	IP65 (Water-resistant and Dust-free)
Speaker Size	40mm Hi-Fi Speakers
Control Method	Remote (Knob and Button design)
Material	Carbon Fiber
Item Weight	360 grams
Package Dimensions	16.9 x 11 x 5.9 cm

Feature	Specification
Compatible Devices	Motorcycle Helmets



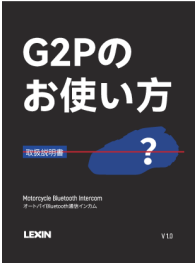



Image 7.1: Moman H2 Pro Battery Capacity and Charging. This image highlights the 900mAh battery, providing 300H standby time, 20H working time, 20H music/call time, and 2H charging time via Type-C.

## 8. 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.

If you require technical assistance, have questions about your product, or need to report an issue, please contact Moman customer support. You can find contact information on the official Moman brand store or through your purchase platform. Visit the [Moman Store on Amazon](#) for more information and product updates.



	<p><a href="#">LEXIN G2P Motorcycle Bluetooth Intercom User Manual</a></p> <p>Comprehensive user manual for the LEXIN G2P Motorcycle Bluetooth Intercom, detailing features, installation, operation, pairing procedures for multiple units, and maintenance information.</p>
	<p><a href="#">Moman H1 Motorcycle Helmet Intercom User Manual</a></p> <p>User manual for the Moman H1 motorcycle helmet intercom system. Learn about product care, package contents, operation, and specifications.</p>
	<p><a href="#">MOMAN H2 PRO Headset Helmet Intercom User Manual</a></p> <p>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.</p>
	<p><a href="#">MOMAN H2 PRO Motorcycle Helmet Intercom User Manual</a></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>
	<p><a href="#">MOMAN H2 Helmet Intercom User Manual</a></p> <p>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.</p>
	<p><a href="#">Mornystar S2 Helmet Bluetooth Intercom: Installation &amp; User Manual</a></p> <p>Comprehensive instruction manual for the Mornystar S2 motorcycle helmet Bluetooth intercom system. Learn installation, pairing, intercom functions, music playback, and specifications.</p>