

Moman H4C

Moman H4C Motorcycle Helmet Headset with 1080P Camera and PMS1 Phone Holder User Manual

Model: H4C & PMS1

1. INTRODUCTION

Thank you for choosing the Moman H4C Motorcycle Helmet Headset with 1080P Camera and the Moman PMS1 Bike Motorcycle Phone Holder. This product combines a high-definition recording camera with a Bluetooth headset for communication and entertainment, alongside a secure phone mounting solution for your motorcycle or bicycle. This manual provides detailed instructions for installation, operation, maintenance, and troubleshooting to ensure optimal performance and safety.

2. PACKAGE CONTENTS

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

- Moman H4C Motorcycle Helmet Headset with 1080P Camera
- Moman PMS1 Phone Mount
- Charging Cable
- 32GB Memory Card (pre-installed or separate)
- User Manual (this document)
- Mounting Accessories for H4C and PMS1

3. PRODUCT FEATURES

- **1080P HD Camera:** Records video at 1080P resolution with a 120° wide-angle lens and 360° body rotation.
- **Loop Recording:** Automatically overwrites older, unprotected files for continuous recording. Supports up to 256GB memory cards.
- **Bluetooth 5.3:** Stable connection for single-person use, supporting simultaneous connection to two smartphones for navigation, calls, and music.
- **Wi-Fi Functionality:** Connects to the "RoadCam" app for viewing and downloading recorded videos and photos.
- **AI Voice Assistant:** Hands-free control for various functions.

- **PMS1 Phone Holder:** Half-wrapped structure design ensures unobstructed camera use, Face/Touch ID, and charging.
- **Triple Protection Phone Mount:** Stainless steel telescopic arms, full silicone pads, and a security lock ensure phone stability and protection.

4. SETUP GUIDE

4.1 Moman H4C Headset Installation

Attach the Moman H4C headset to the side of your motorcycle helmet using the provided mounting bracket. Ensure the camera lens has a clear, unobstructed view. The headset can be rotated 360 degrees for optimal camera angle adjustment.



Image: Moman H4C 120-degree Wide Angle Lens with 360-degree Rotation. This image illustrates the adjustable camera lens and wide-angle view of the H4C headset.

4.2 Moman PMS1 Phone Holder Installation

Mount the PMS1 phone holder securely to your motorcycle or bicycle handlebars. The clamp is designed to fit various handlebar sizes. Once mounted, adjust the viewing angle for your smartphone.



Image: Moman PMS1 Phone Holder Compatibility and Secure Grip. This image demonstrates the PMS1 phone holder mounted on various vehicles, highlighting its secure grip.

To secure your phone:

1. Place your phone into the holder, ensuring the stainless steel telescopic arms firmly grip the top and sides.
2. Engage the security lock to prevent accidental release.
3. Tighten the knob to further secure the phone in place.

Double Insurance With Locks and knobs



Image: Moman PMS1 Phone Holder Double Security Mechanism. This image details the two-step locking and tightening features for enhanced phone stability.

4.3 Memory Card Insertion

Locate the memory card slot on the H4C headset. Insert the provided 32GB microSD card (or another compatible card up to 256GB) until it clicks into place. Ensure the card is inserted correctly to avoid damage.

5. OPERATING INSTRUCTIONS

5.1 Powering On/Off

- **Power On:** Press and hold the Power button for approximately 3 seconds until the indicator light illuminates and you hear a power-on prompt.
- **Power Off:** Press and hold the Power button for approximately 3 seconds until the indicator light turns off and you hear a power-off prompt.

5.2 Bluetooth Pairing

The H4C headset uses Bluetooth 5.3 for stable connections.

1. Ensure the H4C headset is powered on.
2. On your smartphone, navigate to Bluetooth settings and search for available devices.

3. Select "Moman H4C" from the list to pair.

4. The headset can connect to two smartphones simultaneously. Repeat the pairing process for the second device.

5.3 Camera Recording

The integrated 1080P camera records your rides with a 120° wide-angle view.



Image: Moman H4C Camera Lens and 1080P HD Recording Capability. This image shows the camera lens and highlights the 1080P 30FPS recording feature of the H4C.

- **Start Recording:** Press the Camera button once to begin recording. The indicator light will change to confirm recording is active.
- **Stop Recording:** Press the Camera button again to stop recording.
- **Loop Recording:** The H4C automatically manages storage by overwriting the oldest unprotected files when the memory card is full, ensuring continuous recording.



Image: Moman H4C Loop Recording Feature. This image visually represents the continuous loop recording function of the H4C headset.

5.4 Wi-Fi and App Control (RoadCam)

Download the "RoadCam" app from your smartphone's app store (Google Play or Apple App Store).

1. Enable Wi-Fi on your H4C headset (refer to device controls for specific button press).
2. On your smartphone, connect to the H4C's Wi-Fi hotspot.
3. Open the "RoadCam" app to view live footage, playback recorded videos, and download files to your phone.

Wifi Hotspot With APP Control

Easily download photos and videos and view the scenery anytime and anywhere



Image: Moman H4C Wi-Fi Hotspot and RoadCam App Control. This image illustrates the H4C headset connecting to a smartphone via Wi-Fi for app-based video management.

5.5 AI Voice Assistant

Activate your smartphone's AI voice assistant (e.g., Siri, Google Assistant) through the H4C headset for hands-free control of music, calls, and navigation.

- **Activate:** Press the Voice Assistant button (or designated button) once to activate.
- Speak your commands clearly after the prompt.

AI Voice Assistant For Hands-Free



Image: Moman H4C AI Voice Assistant for Hands-Free Control. This image depicts a rider using voice commands with the H4C headset for functions like music, calls, and GPS.

5.6 Charging

Connect the H4C headset to a power source using the provided charging cable. The indicator light will show charging status (e.g., red for charging, blue for fully charged).

6. MAINTENANCE AND CARE

- **Cleaning:** Use a soft, dry cloth to clean the headset and phone holder. Avoid using harsh chemicals or abrasive materials.
- **Storage:** Store the device in a cool, dry place away from direct sunlight and extreme temperatures when not in use.
- **Battery Care:** For optimal battery life, avoid fully discharging the battery frequently. Charge the device regularly, even if not in constant use.
- **Memory Card:** Periodically format the memory card (after backing up important files) to maintain optimal recording performance.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
Device does not power on	Low battery; Device malfunction	Charge the device fully. If problem persists, contact customer support.
Cannot pair via Bluetooth	Device not in pairing mode; Bluetooth off on phone; Interference	Ensure H4C is in pairing mode. Restart phone's Bluetooth. Move away from other wireless devices.
Camera not recording	Memory card full or faulty; Camera not activated	Check memory card status, format if necessary (backup files first). Ensure camera recording is initiated.
Wi-Fi connection issues with app	Wi-Fi not enabled on H4C; Incorrect Wi-Fi password; App issues	Ensure H4C Wi-Fi is on. Re-enter Wi-Fi password. Restart app or phone.
Phone holder not secure	Security lock not engaged; Knob not tightened; Incorrect phone placement	Ensure phone is correctly seated, engage security lock, and tighten the knob firmly.

8. SPECIFICATIONS

Feature	Detail
Brand	Moman
Model Name	H4C
Vehicle Service Type	Motorcycle
Connectivity Technology	Wi-Fi, Bluetooth 5.3
Special Feature	Loop Recording, AI Voice Assistant
Video Capture Resolution	1080p
Included Components	Charging Cable, Memory Card, Phone Mount, User Manual
Mounting Type	Helmet Mount (H4C), Handlebar Phone Mount (PMS1)
Control Method	App, Buttons
Optical Sensor Technology	CMOS
Flash Memory Type	microSD
Flash Memory Supported Size Maximum	256 GB
Frame Rate	30 FPS
Real Angle of View	120 Degrees
Battery Cell Type	Lithium Ion
Compatible Devices	Smartphone, Personal Computer

9. CUSTOMER SUPPORT

For further assistance, technical support, or warranty inquiries, please contact Moman customer service through the official Moman website or your purchase platform. Please have your product model (H4C) and purchase details ready when contacting support.

Moman Official Website: www.moman.co