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Moman MOEMO-H1-VC

Moman H1 Motorcycle Intercom Headset User Manual

Model: MOEMO-H1-VC

INTRODUCTION

The Moman H1 Motorcycle Intercom Headset is designed to provide clear and reliable communication for motorcyclists. This system allows two riders to communicate over long distances, stream music, and manage calls wirelessly. With advanced features like DSP noise reduction and IP65 waterproofing, the H1 ensures a superior audio experience in various riding conditions.



Image: Two Moman H1 intercom units, showcasing their design and button layout.

WHAT'S IN THE BOX

Please check the package contents to ensure all items are present:

- Intercom Unit (x2)
- 3m Foam Pad for Microphone (x4)
- 3m Foam Pad for Speaker (x8)
- Pair of Speakers (x2)
- Coiled Microphone (x2)
- Hybrid Microphone (x2)
- Quick-release Clip (x2)
- Screwdriver (x2)
- Screw (x4)
- Charging Cable (x1)



Image: A visual representation of all accessories and components included with the Moman H1 intercom system.

SETUP GUIDE

1. Charging the Device

Before first use, fully charge the intercom unit. Connect the provided USB Type-C charging cable to the charging

port on the intercom and a suitable USB power source. The indicator light will show charging status and turn off when fully charged. A full charge provides approximately 30 hours of working time and 500 hours of standby time.

2. Helmet Installation

The Moman H1 is designed to fit most open, modular, and full-face helmets. You can choose between adhesive mounting or clip mounting.

1. Mounting the Intercom Unit:

- **Clip Mount:** Slide the quick-release clip onto the edge of the helmet shell. Secure the intercom unit into the clip.
- **Adhesive Mount:** Clean the desired mounting area on the helmet. Attach the adhesive pad to the back of the intercom unit, then firmly press the unit onto the helmet surface.

2. Installing Speakers:

- Attach the 3m foam pads for speakers to the back of the speakers.
- Place the speakers inside the helmet's ear pockets, ensuring they are aligned with your ears for optimal sound.

3. Installing Microphone:

- Choose either the coiled microphone (for open-face helmets) or the hybrid microphone (for full-face helmets).
- Attach the 3m foam pad for the microphone.
- Position the microphone close to your mouth, ensuring it is not obstructed.

4. Connecting Cables:

Connect the speaker and microphone cables to the corresponding ports on the intercom unit.

1500M LONG-RANGE SHARING & INTERCOM

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

1500



Image: The Moman H1 system in use, demonstrating its long-range communication feature between riders.

Professional Customer Service

Local Language Service Team



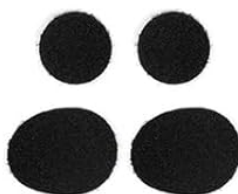
WARRANTY



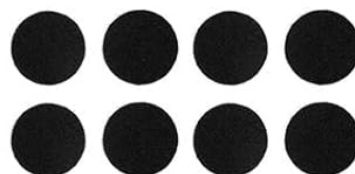
Reply within 24 hours on working days,
provide solutions until you are satisfied



Intercom x2



3m Foam Pad
for Microphone x4



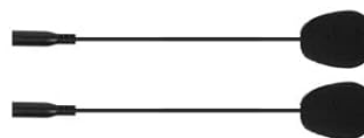
3m Foam Pad
for Speaker x8



1 Pair of Speakers x2



Coiled Microphone x2



Hybrid Microphone x2



Quick-release Clip x2



Screwdriver x2



Screw x4



Charging Cable x1

Image: Compatibility of the Moman H1 with different helmet types, including full-face, open-face, and motocross helmets.

OPERATING INSTRUCTIONS

1. Power On/Off

- **Power On:** Press and hold the Power button () for 3 seconds until the indicator light flashes.

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

2. Bluetooth Pairing (with Mobile Phone)

1. Ensure the H1 unit is powered off.
2. Press and hold the Power button () for 5 seconds until the indicator light flashes red and blue alternately, indicating pairing mode.
3. On your mobile phone, enable Bluetooth and search for "Moman H1".
4. Select "Moman H1" to connect. Once connected, the indicator light will flash blue slowly.

3. Intercom Pairing (between two H1 units)

1. Ensure both H1 units are powered off.
2. On both units, press and hold the Intercom button (Moman logo button) for 5 seconds until the indicator lights flash red and blue alternately.
3. Once paired, the indicator lights on both units will flash blue slowly.

4. Call Management

- **Answer Call:** Press the Phone button () once.
- **Reject Call:** Press and hold the Phone button () for 2 seconds.
- **End Call:** Press the Phone button () once during a call.

5. Music Control

- **Play/Pause:** Press the Power button () once.
- **Next Song:** Press the Volume Up button (⏮) once.
- **Previous Song:** Press the Volume Down button (⏭) once.
- **Volume Up:** Press and hold the Volume Up button (⏮).
- **Volume Down:** Press and hold the Volume Down button (⏭).

WIRELESS CONNECTION & SIMPLE CONTROL

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



Answer / reject calls

Previous / next song
Adjust volume



Hands-free calls



Reject call



Streaming music



Bluetooth 5.1

Image: The Moman H1's intuitive controls for wireless connection, call management, and music streaming.

KEY FEATURES

1. 1500M Long-Range Intercom

The Moman H1 allows two riders to maintain real-time communication over an impressive range of up to 1500

meters (approximately 0.93 miles). This feature is ideal for sharing experiences during motorcycle travel, skiing, or other outdoor activities.

2. HD Speakers & DSP Noise Suppression

Equipped with 40mm HD stereo speakers, the H1 delivers excellent sound quality for both music and calls. The integrated DSP (Digital Signal Processing) noise reduction technology effectively minimizes engine, wind, and traffic noise, ensuring clear communication even at speeds up to 150 km/h (93 mph) without affecting call clarity.

WIDE RANGE OF APPLICATIONS

Suitable for various helmets



Full helmet



Half helmet



Uncover helmet



Retro helmet



Motocross helmet

Image: Visual representation of the H1's HD speakers and DSP noise suppression capabilities for superior audio.

3. IP65 Waterproof Rating

The H1 intercom system boasts an IP65 waterproof rating, making it resilient against various harsh weather conditions such as dust, rain, storms, snow, and low temperatures down to -15°F (-26°C). This ensures reliable performance regardless of the environment.



Image: The Moman H1 unit submerged in water, highlighting its IP65 waterproof design.

4. Long Battery Life

Equipped with an 850mAh battery, the H1 supports up to 30 hours of continuous working time and an impressive 500 hours of standby time on a single charge. The Type-C port allows for convenient charging and data transfer.

MAINTENANCE

- **Cleaning:** Use a soft, damp cloth to wipe the exterior of the intercom unit. Do not use harsh chemicals or abrasive cleaners.
- **Storage:** Store the device in a cool, dry place away from direct sunlight and extreme temperatures when not in use for extended periods.
- **Battery Care:** To prolong battery life, avoid fully discharging the battery frequently. Charge the device regularly, even if not in use, to maintain battery health.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Device does not power on.	Low battery.	Charge the device fully.
Cannot pair with phone/intercom.	Device not in pairing mode; too far apart; interference.	Ensure device is in pairing mode (flashing red/blue). Move closer. Turn off other Bluetooth devices.
No sound from speakers.	Speakers not connected; volume too low; faulty connection.	Check speaker connection. Increase volume. Re-plug speaker cable.
Intercom range is short.	Obstructions; environmental interference.	Ensure clear line of sight between units. Avoid areas with strong radio interference.
Poor audio quality / excessive noise.	Microphone not positioned correctly; high wind noise.	Adjust microphone position closer to mouth. Ensure microphone foam cover is properly installed.

SPECIFICATIONS

Model Number	MOEMO-H1-VC
Bluetooth Version	5.1
Intercom Range	Up to 1500 meters (for 2 riders)
Battery Capacity	850mAh Lithium-Polymer
Working Time	Approx. 30 hours
Standby Time	Approx. 500 hours
Charging Port	Type-C

Waterproof Rating	IP65
Speaker Size	40mm HD Stereo
Noise Control	DSP Noise Reduction
Operating Temperature	-15°F to 122°F (-26°C to 50°C)

WARRANTY AND SUPPORT


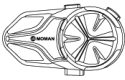












The Moman H1 Motorcycle Intercom Headset comes with a**365-day warranty** from the date of purchase, covering manufacturing defects. Please retain your proof of purchase for warranty claims.

For technical support, troubleshooting assistance, or warranty inquiries, please contact Moman customer service. Our professional customer service team aims to reply within 24 hours on working days and provide solutions until you are satisfied.



Image: Moman's commitment to professional customer service and a 365-day warranty.

Related Documents - MOEMO-H1-VC

   <small>CP-X Helmet Intercom</small> <small>Please read the user manual before using the product.</small>	<p>MOMAN CP-X Helmet Intercom User Manual</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>
  <small>H2 PRO Headset Helmet Intercom</small> <small>User Manual - Headset Intercom - Helmet and Headset</small>	<p>MOMAN H2 PRO Headset Helmet Intercom User Manual</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>
   <small>H2 PRO Motorcycle Helmet Intercom</small> <small>User Manual - Motorcycle Helmet Intercom - Helmet and Headset</small>	<p>MOMAN H2 PRO Motorcycle Helmet Intercom User Manual</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>H2 Helmet Intercom</small> <small>User Manual - Helmet Intercom - Helmet and Headset</small>	<p>MOMAN H2 Helmet Intercom User Manual</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>
  <small>H4C Motorcycle Helmet Headset</small> <small>User Manual - Motorcycle Helmet Headset - Helmet and Headset</small>	<p>MOMAN H4C Motorcycle Helmet Headset: User Manual & Features</p> <p>Comprehensive guide to the MOMAN H4C motorcycle helmet headset, detailing its Bluetooth connectivity, integrated recorder, app control via Roadcam, and operational instructions. Includes specifications and care tips.</p>
  <small>H1 Motorcycle Helmet Intercom</small> <small>User Manual - Motorcycle Helmet Intercom - Helmet and Headset</small>	<p>Moman H1 Motorcycle Helmet Intercom User Manual</p> <p>User manual for the Moman H1 motorcycle helmet intercom system. Learn about product care, package contents, operation, and specifications.</p>