HYCOMM H2

HYCOMM H2 Motorcycle Helmet Bluetooth Headset Instruction Manual

Model: H2 Dual Pack

Brand: HYCOMM

1. PRODUCT OVERVIEW

The HYCOMM H2 Motorcycle Helmet Bluetooth Headset is an advanced communication system designed for riders. It facilitates 2-way intercom communication, offers universal compatibility, and features a long-lasting battery. Equipped with noise-canceling technology and smart voice command, it ensures clear audio and hands-free control. Its robust IP67 waterproof rating makes it suitable for various weather conditions and activities.

- **2-Way Intercom & Universal Compatibility:** Enjoy one-touch connection with ultra-fast pairing and ultra-low latency. Seamlessly connects with other major brands, offering a maximum range of 1,200 meters (0.75 miles) in open areas for stable group communication.
- **Marathon 35-Hour Battery & Built-In FM Radio:** Powered by a 1000mAh battery, providing 35 hours of talk time from a 2-hour quick charge. Includes a built-in FM radio for entertainment.
- **Crystal Clear HD Audio with Noise Cancellation:** Features advanced DSP and CVC noise cancellation technology to filter out wind and engine noise, ensuring clear music and conversations.
- **Tool-Free Installation & Smart Voice Command:** Easy, no-drill installation. Supports hands-free control via Siri and Google Assistant for calls, GPS, and music.
- **IP67 Waterproof & Extreme Temperature Resistant:** Offers complete protection against heavy rain and dust, operating flawlessly from -10°C to 55°C (14°F to 131°F).

2. PACKAGE CONTENTS

Your HYCOMM H2 Dual Pack includes the following items:

- User Manual
- USB-C Cable
- Ear Cushions
- 40mm Speaker
- Mounting Clip x2
- 3M Sticker Mount x2

- Boom Microphone x2
- Button Microphone x2
- H2 Main Unit x2

Figure 1: Contents of the HYCOMM H2 Dual Pack. Includes two main units, two sets of speakers, two types of microphones, USB-C cables, and various mounting accessories.

3. INSTALLATION GUIDE

The HYCOMM H2 headset is designed for tool-free installation and fits most helmet types. Follow these steps to install your headset:

1. **Prepare Helmet:** Remove the helmet's inner padding to access the speaker areas.
2. **Attach Speaker Pads:** Peel the adhesive backing from the speaker pads and firmly press them into the designated speaker recesses inside your helmet.
3. **Install Speakers:** Place the 40mm speakers onto the attached pads. Ensure they are positioned comfortably over your ears.
4. **Mount Main Unit:** Choose between the mounting clip or the 3M sticker mount. Secure the chosen mount to the side of your helmet. Slide the H2 main unit onto the mount until it clicks into place.
5. **Connect Microphones:** Select either the boom microphone (for open-face helmets) or the button

microphone (for full-face helmets). Connect the microphone to the main unit and route the cable neatly under the helmet padding. Position the microphone close to your mouth.

6. **Route Cables:** Carefully tuck all speaker and microphone cables under the helmet's inner padding to prevent interference and ensure comfort.

7. **Reassemble Helmet:** Reinstall the helmet's inner padding.

Figure 2: Visual guide illustrating the installation process of the HYCOMM H2 headset, including clipping the mount, aligning and sliding the unit, applying speaker pads, and attaching speakers and microphone.

Video 1: HYCOMM H2 Motorcycle Helmet Bluetooth Headset - Open Box & Install. This video demonstrates the unboxing and installation process for the HYCOMM H2 headset.

4. OPERATING INSTRUCTIONS

4.1 Power On/Off & Pairing

To power on or off the device, press and hold the designated button. The H2 features one-touch connection for ultra-fast pairing with your mobile device or other headsets. Once initially paired, the devices will automatically reconnect when powered on within range.

4.2 Intercom Communication

The 2-way intercom system allows communication between two riders up to 1,200 meters (0.75 miles) in open areas. It supports cross-brand pairing, enabling connection with other major helmet communication systems.
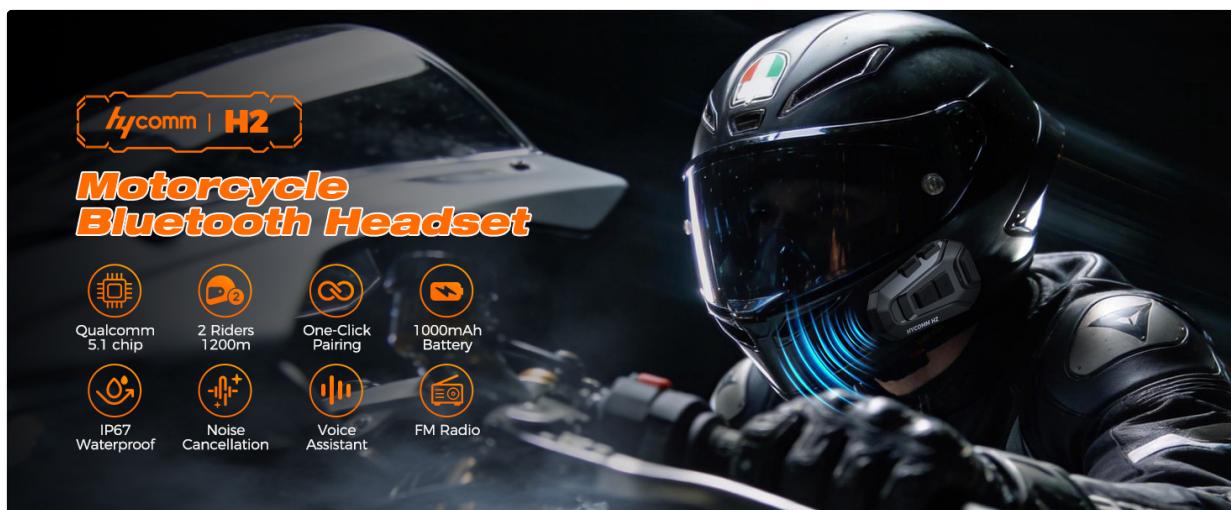
Figure 3: Two riders communicating wirelessly using the HYCOMM H2 headsets, demonstrating the effective 1200-meter range for intercom functionality.

4.3 Audio & Voice Control

Experience crystal clear HD audio with 40mm drivers. Advanced DSP and CVC noise cancellation actively filter out wind and engine noise, ensuring optimal sound quality even at highway speeds. Utilize smart voice commands (Siri and Google Assistant) for hands-free control over calls, GPS directions, and music playback.

Figure 4: Illustration of DSP and CVC noise cancellation technology in action, showing how wind and engine noise are reduced for clearer audio.

Figure 5: The HYCOMM H2 headset supports one-tap access to voice assistants like Siri and Google, allowing riders to answer calls, play music, or get directions hands-free.

4.4 FM Radio

The H2 includes a built-in FM radio. Refer to the full user manual for specific instructions on tuning and saving stations.

Figure 6: The HYCOMM H2 features a 1000mAh battery, providing up to 35 hours of run time with only 2 hours of charging.

5. TECHNICAL SPECIFICATIONS

Feature	Specification
Model Name	H2 Dual Pack
Brand	HYCOMM
Connectivity Technology	Wireless (Bluetooth 5.1)
Noise Control	Active Noise Cancellation (DSP & CVC)
Battery Life	35 Hours
Charging Time	2 Hours
Water Resistance Level	IP67 Waterproof
Operating Temperature	-10°C to 55°C (14°F to 131°F)

Control Type	Siri, Google Assistant (Voice)
Audio Driver Size	40 Millimeters
Hardware Interface	USB Type C

6. CARE AND MAINTENANCE

The HYCOMM H2 headset is built to withstand various environmental conditions. It features an IP67 waterproof rating, providing complete protection against heavy rain and dust. It is also designed to operate reliably in extreme temperatures ranging from -10°C to 55°C (14°F to 131°F).

- **Cleaning:** Use a soft, damp cloth to clean the exterior of the unit. Avoid harsh chemicals or abrasive materials.
- **Storage:** Store the headset in a cool, dry place when not in use.
- **Charging:** Use the provided USB-C cable for charging. Ensure the charging port cover is securely closed when not charging to maintain water resistance.
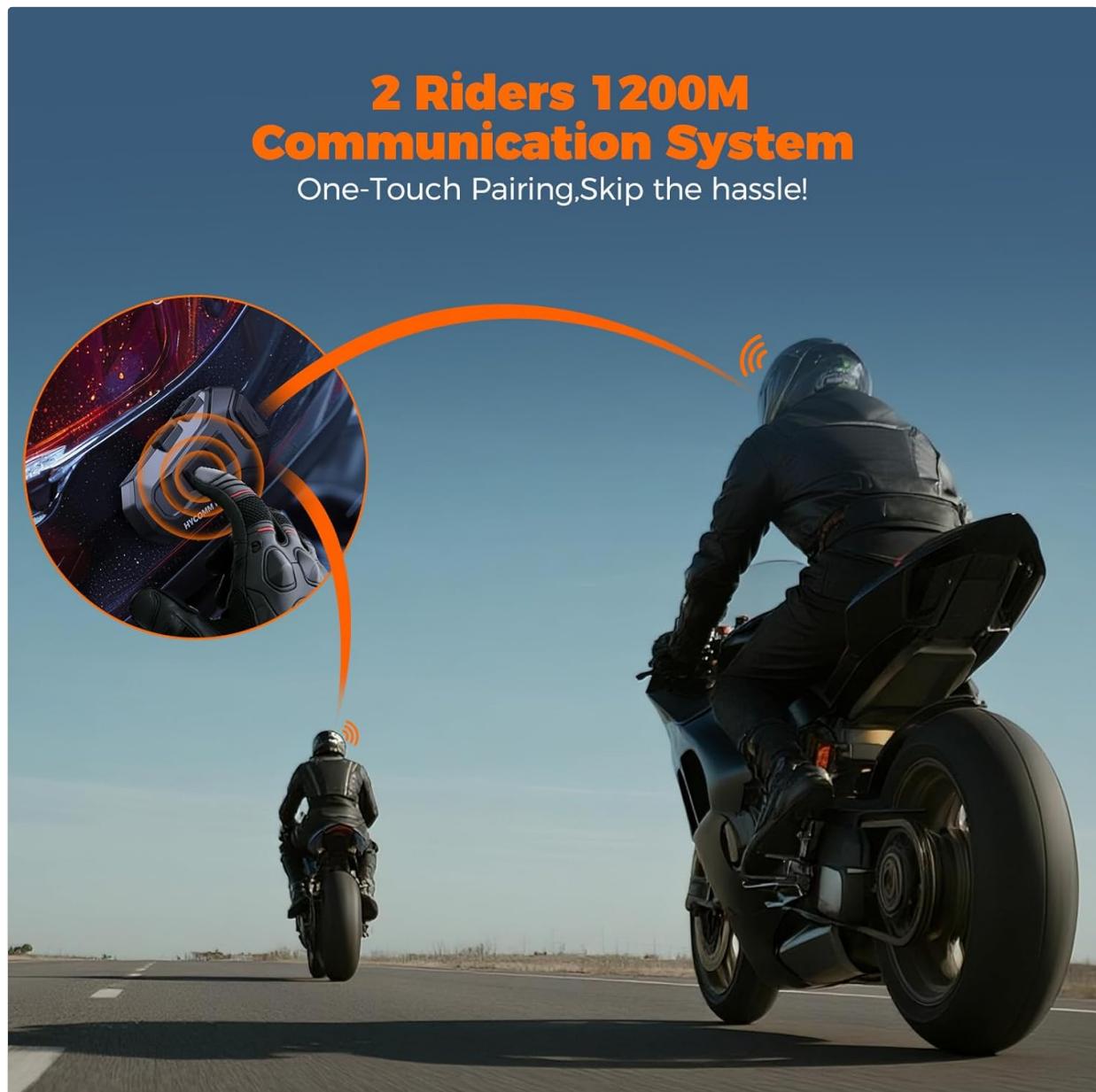
Figure 7: The HYCOMM H2 headset is shown partially submerged in water, highlighting its IP67 waterproof and dustproof capabilities for all-weather use.

7. TROUBLESHOOTING

If you encounter any issues with your HYCOMM H2 headset, please refer to the following common troubleshooting tips:

- **No Power:** Ensure the device is fully charged. Connect it to a power source using the USB-C cable.
- **Pairing Issues:** Make sure both devices are in pairing mode. Clear previous pairing records on your phone and the headset, then attempt to pair again.
- **No Audio/Poor Audio Quality:** Check volume levels on both the headset and your connected device. Ensure speakers are correctly positioned and connected. Verify that the microphone is properly connected and positioned.
- **Intercom Disconnection:** Ensure devices are within the specified range (1,200 meters in open areas) and there are no significant obstructions. Re-initiate intercom pairing if necessary.

For more detailed troubleshooting, please consult the full user manual or contact customer support.

8. WARRANTY AND SUPPORT

The HYCOMM H2 Motorcycle Helmet Bluetooth Headset comes with a 2-Year Protection Plan, ensuring peace of mind for your purchase. For any technical assistance, warranty claims, or product inquiries, please contact HYCOMM customer support.

Manufacturer: HYCOMM