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FreedConn R1Plus Motorcycle Helmet Bluetooth

FreedConn R1Plus Motorcycle Helmet Headset with Camera User Manual

Brand: FreedConn
Model: R1Plus Motorcycle Helmet Bluetooth

Product Overview

The FreedConn R1Plus is an advanced motorcycle helmet headset featuring a built-in 1080P HD camera, Bluetooth intercom system, and FM radio. It is designed to enhance communication and capture riding experiences for motorcyclists.



Image: The FreedConn R1Plus unit, showcasing its compact design and integrated camera lens. This image highlights the device's waterproof capabilities with water droplets visible on its surface.



Image: A detailed diagram illustrating the various components and buttons of the FreedConn R1Plus headset, including the video indicator light, Bluetooth indicator light, Wi-Fi button, antenna, jog wheel, multi-function/BT power on/off button, noise-canceling microphone (hard and soft options), card slot, reset key, headset socket, and power/walkie-talkie connecting port. Stereo ear speakers are also shown.

Setup and Installation

1. Charging the Device

Before first use, fully charge the R1Plus unit. Connect the provided USB cable to the charging port on the device and a power source. The charging time is approximately 2-3 hours.

Product Overview

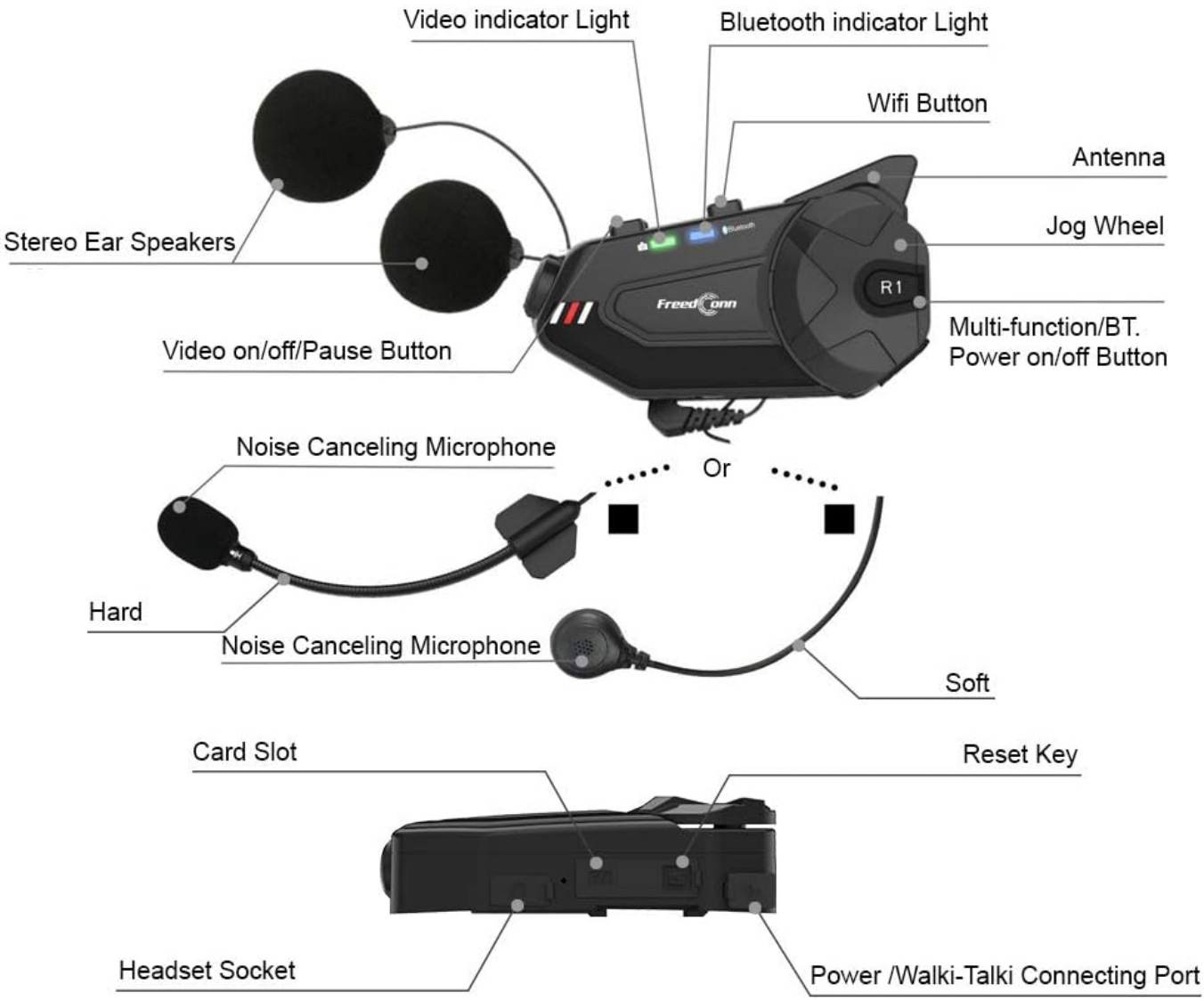


Image: An illustration detailing the battery life and charging specifications of the FreedConn R1Plus, showing a 1500mAh battery and estimated usage times for phone calls, video recording, music, standby, and intercom.

2. Installing on Helmet

The R1Plus can be installed on most helmets using the provided hook clip or velcro clip. Choose the most suitable method for your helmet type.

1. Attach the chosen mounting clip to the side of your helmet.
2. Slide the R1Plus unit onto the clip until it securely locks into place.
3. Install the stereo ear speakers inside the helmet, aligning them with your ears. Use the headphone velcro pads if necessary.
4. Connect the microphone (hard or soft, depending on your helmet type) to the headset socket.



Image: A FreedConn R1Plus unit securely mounted on the side of a motorcycle helmet, demonstrating its placement and integration with the helmet's design.

3. Inserting SD Card

For video recording, an SD card (not included) is required. Insert the SD card into the card slot on the R1Plus unit. Ensure it is inserted correctly until it clicks into place.

Operating Instructions

1. Power On/Off

- **Power On:** Press and hold the Multi-function/BT Power on/off Button until the indicator lights illuminate.
- **Power Off:** Press and hold the Multi-function/BT Power on/off Button until the indicator lights turn off.

2. Bluetooth Pairing and Connectivity

The R1Plus uses Bluetooth 5.0 for stable connections and can connect to two Bluetooth devices simultaneously.

1. Ensure the R1Plus is powered on.
2. Activate Bluetooth on your mobile phone or GPS device.
3. Search for "FreedConn R1Plus" in your device's Bluetooth settings and select to pair.
4. Once paired, you can listen to music, receive calls, or get GPS navigation instructions.



Image: An illustration showing the FreedConn R1Plus simultaneously connected to two Bluetooth devices, a smartphone for music and calls, and a GPS device for navigation, highlighting its dual connectivity feature.

3. Intercom Function (6-Way Communication)

The R1Plus supports group intercom for up to 6 riders within a range of 1000 meters (3280 feet).

1. To initiate intercom, ensure all participating R1Plus units are powered on and within range.
2. Follow the specific pairing sequence outlined in the quick start guide (usually involves pressing intercom buttons

on units in sequence).

3. Once connected, riders can communicate in full-duplex mode.



Image: A visual representation of the FreedConn R1Plus's 6-rider wireless intercom capability, showing multiple motorcyclists communicating over a distance, with range indicators between units.

4. Camera Operation (1080P HD)

The built-in 1080P HD camera with a 120-degree wide-angle lens records your rides.

- **Start/Stop Recording:** Press the Video on/off/Pause Button. The video indicator light will show recording status.
- **Take Photo:** Briefly press the Video on/off/Pause Button while not recording to capture a still image.
- **Loop Recording:** The device supports loop recording, overwriting the oldest unprotected files when the SD card is full.
- **Collision Footage Auto-Save:** The built-in Gravity-Shock Sensor automatically locks footage as evidence in case of a collision or bump.

5. Wi-Fi Function and Roadcam App

The R1Plus features built-in Wi-Fi for viewing and downloading recorded videos/photos via the Roadcam app.

1. Download the "Roadcam" app from your smartphone's app store.
2. Press the Wi-Fi Button on the R1Plus to activate its Wi-Fi hotspot.
3. Connect your smartphone to the R1Plus's Wi-Fi network (SSID and password usually found on the device or manual).
4. Open the Roadcam app to view live footage, browse recorded files, and download them to your phone.



Image: A smartphone screen displaying the Roadcam app interface, connected via Wi-Fi to the FreedConn R1Plus, allowing users to view and download videos and photos from the headset's camera.

6. FM Radio

The R1Plus includes an FM radio function for entertainment during rides.

- **Turn On/Off FM:** Refer to the specific button combination in the quick start guide (often a long press of a specific button).
- **Tune Stations:** Use the Jog Wheel or designated buttons to scan and select FM radio stations.

7. Voice Control

Activate your phone's voice assistant (e.g., Siri, Google Assistant) through the R1Plus to make calls or control functions hands-free.



Image: A motorcyclist wearing a helmet with the FreedConn R1Plus, demonstrating the voice prompt feature where the user can activate their phone's voice assistant to make calls.

Maintenance

- **Cleaning:** Wipe the unit with a soft, damp cloth. Do not use harsh chemicals or abrasive cleaners.
- **Water Resistance:** The R1Plus is IP65 waterproof, providing protection against splashes and rain. Avoid submerging the device in water.
- **Battery Care:** For optimal battery life, avoid extreme temperatures and store the device with a partial charge if not used for extended periods.
- **Storage:** Store the device in a cool, dry place away from direct sunlight.

Troubleshooting

Problem	Possible Cause	Solution
Device does not power on.	Low battery; device frozen.	Charge the device fully. Use the reset key to restart the device.
Cannot pair via Bluetooth.	Device not in pairing mode; too many paired devices; interference.	Ensure device is in pairing mode. Clear previous pairings. Move away from other electronic devices.

Problem	Possible Cause	Solution
Intercom connection unstable.	Out of range; environmental interference.	Ensure riders are within 1000m. Avoid areas with strong radio interference.
Video recording issues (e.g., not saving, poor quality).	No SD card; full SD card; incompatible SD card; camera lens dirty.	Insert a compatible SD card. Format or replace the SD card. Clean the camera lens.
Wi-Fi connection to app fails.	Wi-Fi not activated on R1Plus; incorrect password; app issue.	Ensure R1Plus Wi-Fi is on. Double-check Wi-Fi password. Restart app and device.
Poor audio quality (speakers/microphone).	Improper speaker/mic placement; wind noise; CVC noise cancellation not optimal.	Adjust speaker and microphone position. Ensure microphone is close to mouth.

Specifications

Model Name: R1Plus Motorcycle Bluetooth With Camera

Connectivity Technology: Wireless (Bluetooth, Wi-Fi)

Camera: 1080P HD, 120-degree wide-angle lens

Intercom Range: Up to 1000 meters (3280 feet)

Intercom Support: Up to 6 riders

Bluetooth Version: 5.0

Battery: 1500mAh Lithium Polymer

Charging Time: Approximately 2-3 hours

Phone Calling Time: Up to 30 hours

Video Recording Time: Approximately 4-5 hours

Music Time: Up to 48 hours

Standby Time: Up to 12 days

Water Resistance: IP65 Waterproof

Noise Control: CVC Intelligent Noise Cancellation

Material: Acrylonitrile Butadiene Styrene (ABS)

Item Weight: 2.56 ounces

Product Dimensions: 2.28 x 1.18 x 3.86 inches

Compatible App: Roadcam

Warranty and Support

For warranty information and technical support, please refer to the official FreedConn website or contact their customer service directly. You may also find additional resources and FAQs on the product's Amazon listing page or the provided PDF manual.

Official User Guide (PDF): Download PDF Manual

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