

FreedConn R1 Plus

FreedConn R1 Plus Motorcycle Bluetooth Headset with 1080P Camera User Manual

Model: R1 Plus | Brand: FreedConn

1. INTRODUCTION

The FreedConn R1 Plus is a versatile motorcycle Bluetooth headset designed to enhance your riding experience. It integrates a 1080P HD camera, Bluetooth 5.0 communication, and FM radio, allowing for seamless communication, entertainment, and recording of your journeys. This manual provides detailed instructions for setup, operation, and maintenance.



Image 1.1: FreedConn R1 Plus device with included 64GB TF card.

2. PRODUCT FEATURES

- **Integrated 1080P HD Camera:** Features a 120° wide-angle lens, 30 FPS video, and 2 MP images. Supports loop recording and a gravity sensor for collision evidence.
- **Bluetooth 5.0 Connectivity:** Provides stable and fast connection for music, calls, and intercom.
- **Multi-Rider Intercom:** Supports communication for 2 to 6 riders within a 1000-1500 meter range.
- **Noise Reduction:** CVC and DSP noise reduction technology ensures clear audio even at high speeds.
- **Long Battery Life:** 1500 mAh battery offers up to 48 hours music, 30 hours talk time, and 4.5 hours video recording. Supports simultaneous use and charging.
- **Water Resistance:** IP65 rated for protection against snow, rain, and mud.
- **Dual Phone Connection:** Connects to two mobile phones simultaneously.
- **Voice Assistant:** Activate your phone's voice assistant directly from the device.
- **FM Radio:** Built-in FM radio for listening to broadcasts.

3. PACKAGE CONTENTS

Ensure all items are present in your package:

- 1 x FreedConn R1 Plus Motorcycle Bluetooth Headset
- 1 x Microphone and Speaker 2-in-1 Set (Hard/Soft microphone options)
- 1 x 32GB TF Card
- 2 x Mounting Clips
- 1 x Screwdriver
- 1 x PTT Velcro Tape
- 4 x Velcro Earpads
- 1 x USB Cable
- 1 x Audio Cable
- 1 x User Manual

Note: An adapter is not included. The device can be charged with any standard phone adapter.

4. SETUP

4.1 Inserting the TF Card

1. Open the TF card plug on the device.
2. Insert the memory card into the slot.
3. Close the TF card plug securely.

Video 4.1: Demonstration of inserting the TF card for recorder/photo function.

4.2 App Download

To view recorded videos and photos, download the 'Goplus Cam' app.

- **iOS Users:** Download 'Goplus Cam' directly from the App Store.
- **Android Users:** Open your phone's web browser, scan the QR code provided in the manual (page 20), and install the App. HUAWEI Harmony system users may need to exit 'Pure Mode' to scan and install.

Video 4.2: Instructions for downloading the companion app for both iOS and Android devices.

4.3 Turning on WiFi

To connect the device to the app via WiFi:

1. Press and hold the power key of the camera for 3 seconds.
2. Press and hold the WiFi button for 3 seconds until you hear the voice reminder "WiFi Turned On".
3. On your phone, open the WLAN list, choose "Freedconn", and input the password "12345678" to connect.

Video 4.3: Guide on how to activate and connect to the device's WiFi.

4.4 Pairing with a Cell Phone

1. Press and hold the Multi-Function Button (MFB) for 6 seconds until the blue and red lights flash alternately. The Bluetooth is now in pairing status.
2. Open the Bluetooth list on your phone and select "R1 Plus" to connect.

Video 4.4: Step-by-step guide to pairing the device with your mobile phone via Bluetooth.

5. OPERATING INSTRUCTIONS

5.1 Music Playback

- **Play/Pause:** Click the MFB to play music. Click again to suspend.
- **Next/Previous Song:** Turn the jog wheel clockwise for the next song, anti-clockwise for the previous song.
- **Volume Adjustment:** Clockwise turn and hold the jog wheel to increase volume, anti-clockwise turn and hold to decrease volume.

Video 5.1: Demonstrates how to control music playback, including play/pause, skipping tracks, and adjusting volume.

5.2 Phone Calls

- **Answer Calls:** Incoming calls will be answered automatically after 10 seconds without any operation.
- **Hang Up Calls:** Press the MFB once to end an active call.
- **Reject Calls:** Press and hold the MFB for 2 seconds to reject an incoming call.

Video 5.2: Instructions for managing phone calls, including answering, hanging up, and rejecting calls.

5.3 Activating Voice Assistant

After pairing the Bluetooth with your phone, press and hold the MFB on the Bluetooth device for 2 seconds to activate your phone's voice assistant (e.g., Siri, Google Assistant).

Video 5.3: Demonstration of how to activate the voice assistant feature on your paired smartphone.

5.4 FM Radio Function

- **Turn On/Off FM:** Double-click the MFB when the Bluetooth is in power-off status to turn on FM. Repeat to turn off.
- **Channel Adjustment:** Turn the jog wheel clockwise or anti-clockwise to adjust the FM channel.
- **Volume Adjustment:** Turn and hold the jog wheel to adjust the FM volume.

Video 5.4: Guide on how to activate, tune, and adjust the volume of the built-in FM radio.

5.5 Recorder/Photo Function

- **Start Recording:** Press the camera's power key once to start recording. You will hear "Wi-Fi Turned On".
- **Stop Recording:** Press the camera's power key again to stop recording.
- **Take Photo:** During recording, press the WiFi key once to take a quick photo.

Video 5.5: Demonstrates how to start/stop video recording and take photos using the device's camera.

5.6 Checking Recorded Videos and Photos on Phone

1. Ensure the device's WiFi is connected to your phone (see Section 4.3).
2. Open the 'Goplus Cam' App.
3. Click the Phone icon, then the File icon.
4. Select the video or photo you wish to view or download.

Video 5.6: Guide on how to access and manage recorded media through the companion app on your phone.

5.7 Setting Display Time

To synchronize the device's time with your phone:

1. Open the 'Goplus Cam' App.
2. Click the edition number on the bottom left.
3. Click "WIFI sport Cam Time" and then click "Enable".

Video 5.7: Instructions for synchronizing the device's time with your phone via the app.

5.8 Formatting the Memory Card

To format the TF card via the app:

1. Open the 'Goplus Cam' App.
2. Click the Setup Icon.
3. Slide the page down to find the "Format" option.
4. Click "Confirm" to finish the formatting.

Video 5.8: How to format the memory card using the companion app.

5.9 Intercom Pairing

The R1 Plus supports intercom communication between multiple devices.

5.9.1 Pairing Two Devices

1. On both devices (A and B), press and hold the On/Off button for 8 seconds until the blue and red lights flash alternately. This indicates pairing status.
2. Click the On/Off button on either device (A or B) to search for the other. They will pair automatically.
3. When the blue and red lights turn to a regular blue light only, pairing is successful.

Video 5.9.1: How to pair two FreedConn R1 Plus devices for intercom communication.

5.9.2 Pairing Up to Six Devices

The first and last device in the group (e.g., A and F) cannot be paired directly within the group. If they have existing pairing records, clear them in advance (see Section 5.10).

1. Pair device A and B, then turn off B.
2. Pair device B and C, then turn off C.
3. Pair device C and D, then turn off D.
4. Pair device D and E, then turn off E.
5. Pair device E and F.
6. Click the MFB separately on devices A, B, C, D to finish the group pairing.

Once paired, all devices A, B, C, D, E, F can communicate in the group at any time.

Video 5.9.2: Detailed steps for pairing up to six devices for group intercom functionality.

5.10 Clearing Bluetooth Pairing Records

To clear all previous Bluetooth pairing records:

1. Press and hold the On/Off button for 10 seconds when the Bluetooth is in the power-on status.
2. The red light will flash quickly 3 times, indicating that the pairing records have been cleared.

Video 5.10: How to clear existing Bluetooth pairing records from the device.

6. MAINTENANCE

- **Cleaning:** Use a soft, damp cloth to clean the device. Avoid harsh chemicals or abrasive materials.
- **Water Resistance:** The device is IP65 water-resistant, suitable for various harsh environments like snow, rain, and mud. However, avoid submerging it in water.
- **Storage:** Store the device in a cool, dry place when not in use.
- **Battery Care:** Charge the battery regularly, even if not in frequent use, to maintain its lifespan. Avoid extreme temperatures during charging and storage.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
Device does not power on	Low battery	Charge the device for at least 2.5 hours.
Cannot pair with phone	Device not in pairing mode; Bluetooth off on phone; existing pairing conflicts	Ensure device is in pairing mode (flashing blue/red). Turn on phone Bluetooth. Clear previous pairing records (Section 5.10).
Intercom not working	Incorrect pairing sequence; out of range	Follow multi-device pairing instructions carefully (Section 5.9.2). Ensure devices are within 1000-1500m range.
Poor audio quality / Wind noise	Microphone placement; high speed	Adjust microphone position. CVC and DSP noise reduction are active, but extreme conditions may still affect quality.
Camera not recording / App issues	No TF card; TF card full/corrupted; WiFi not connected; App not installed correctly	Insert TF card (max 64GB). Format TF card (Section 5.8). Ensure WiFi is connected. Reinstall app if necessary.
Battery drains quickly	Continuous video recording; frequent intercom use	Battery life varies with usage. Video recording consumes more power. Charge fully before long trips.

8. SPECIFICATIONS







Feature	Detail
Model Name	R1 PLUS
Connectivity Technology	Wireless (Bluetooth)
Wireless Communication Technology	Bluetooth 5.0
Headphone Connector	USB Type-C
Material	Acrylonitrile Butadiene Styrene (ABS)

Feature	Detail
Water Resistance Level	IP65 (Waterproof)
Battery Capacity	1500 mAh (Lithium-metal)
Charging Time	Approx. 2.5 hours
Music Playback Time	Up to 48 hours
Talk Time	Up to 30 hours
Video Recording Time	Up to 4.5 hours
Standby Time	Over 12 days
Intercom Range	Up to 1000-1500 meters (6 riders)
Video Capture Resolution	1080p
Special Features	1080P Camera with G-sensor lock, FM Radio, Noise Cancellation (CVC & DSP)
Compatible Devices	Bluetooth earphones, iPhone, Android phones
Control Type	Siri, Voice Control
Flash Memory Type	MicroSD (up to 64GB)
Product Dimensions	5.99 x 3 x 10.01 cm
Product Weight	396.89 g (14 Ounces)

9. WARRANTY AND SUPPORT

For warranty information, technical support, or any questions regarding the use of your FreedConn R1 Plus device, please contact FreedConn customer service directly. Refer to the contact information provided in your product packaging or on the official FreedConn website.

Related Documents - R1 Plus

 <p>INSTRUCTION MANUAL 使用手册 Bluetooth WIFI Recorder Instructions 蓝牙 WIFI 记录仪</p> <p>R3</p>	<p>FreedConn R3 Bluetooth WIFI Recorder Instruction Manual</p> <p>Comprehensive instruction manual for the FreedConn R3 Bluetooth WIFI Recorder, detailing setup, operation, features, and troubleshooting for this motorcycle helmet intercom system.</p>
	<p>Freedconn T-COM VB/SC Bluetooth Intercom Quick Start Guide</p> <p>Comprehensive guide to installing, pairing, and operating your Freedconn T-COM VB and T-COM SC Bluetooth motorcycle intercom system, including call handling, music control, and intercom functions.</p>
	<p>FreedConn KY Helmet Wireless Headset User Manual and Instructions</p> <p>Comprehensive user manual for the FreedConn KY helmet wireless headset, covering installation, pairing with phones, operational functions, battery status indicators, daily maintenance, and warranty information.</p>
 <p>INSTRUCTION MANUAL Helmet Bluetooth® Intercom Kit</p> <p>FX</p>	<p>FreedConn FX Helmet Bluetooth Intercom Kit Instruction Manual</p> <p>Comprehensive instruction manual for the FreedConn FX Helmet Bluetooth Intercom Kit, detailing features, installation, operation, pairing, intercom functions, music sharing, technical specifications, charging, maintenance, and troubleshooting.</p>
 <p>Mini Boom Box Bluetooth® Helmet</p> <p>BM2 INSTRUCTION MANUAL</p>	<p>BM2 Bluetooth Helmet Intercom System: User Manual and Features</p> <p>Comprehensive user manual for the BM2 Bluetooth Helmet Intercom System. Learn about its features, pairing, group intercom, functions, technical specifications, and maintenance.</p>
 <p>BM2-S Bluetooth Helmet User Manual</p>	<p>FreedConn BM2-S Bluetooth Motorcycle Helmet User Manual</p> <p>Comprehensive user manual for the FreedConn BM2-S Bluetooth Motorcycle Helmet, detailing features like intercom, phone calls, music playback, GPS integration, maintenance, battery information, and warranty.</p>