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FreedConn BM2-S Bluetooth Motorcycle Helmet

FreedConn BM2-S Bluetooth Motorcycle Helmet User Manual

Model: BM2-S | Brand: FreedConn

Introduction

The FreedConn BM2-S Bluetooth Motorcycle Helmet is designed to enhance your riding experience with integrated communication and safety features. This modular helmet combines DOT-certified protection with advanced Bluetooth 3.0 technology, allowing for hands-free calls, music streaming, FM radio, GPS voice prompts, and rider-to-rider intercom communication. This manual provides detailed instructions for the proper setup, operation, maintenance, and troubleshooting of your BM2-S helmet.



The FreedConn BM2-S Bluetooth Motorcycle Helmet in Red.



Key features of the BM2-S helmet, including Bluetooth 3.0 connectivity, hands-free calling, voice dial, intercom for up to 3 riders (2 simultaneous), built-in FM radio, and music playback.

Setup

1. Unboxing and Initial Inspection

Upon receiving your FreedConn BM2-S helmet, carefully unpack all components. Verify that all items listed in the package contents are present and undamaged. The standard package includes the helmet, a lithium battery, a USB charging cable, the instruction manual, and a pair of gloves.



The complete upgrade package for the FreedConn BM2-S helmet, showing the helmet, lithium battery, USB cable, instruction manual, and gloves.

2. Charging the Battery

Before first use, fully charge the helmet's integrated lithium polymer battery. Connect the provided USB cable to the helmet's charging port and a compatible USB power source. A full charge typically takes 2-3 hours. The helmet offers approximately 8-10 hours of talk time and up to 110 hours of standby time.



Battery performance details: 2-3 hours for a full charge, 8-10 hours of talk time, and 300 hours of standby time.

3. Liner Installation and Sizing

The helmet comes with a washable liner system that can be adjusted for a better fit. The outer shell size is consistent, but changeable liners and extra paddings (M-U, M, L, XL, XL-U) are available to ensure optimal comfort and safety. If the initial fit is not ideal, contact customer support for alternative liner sizes.

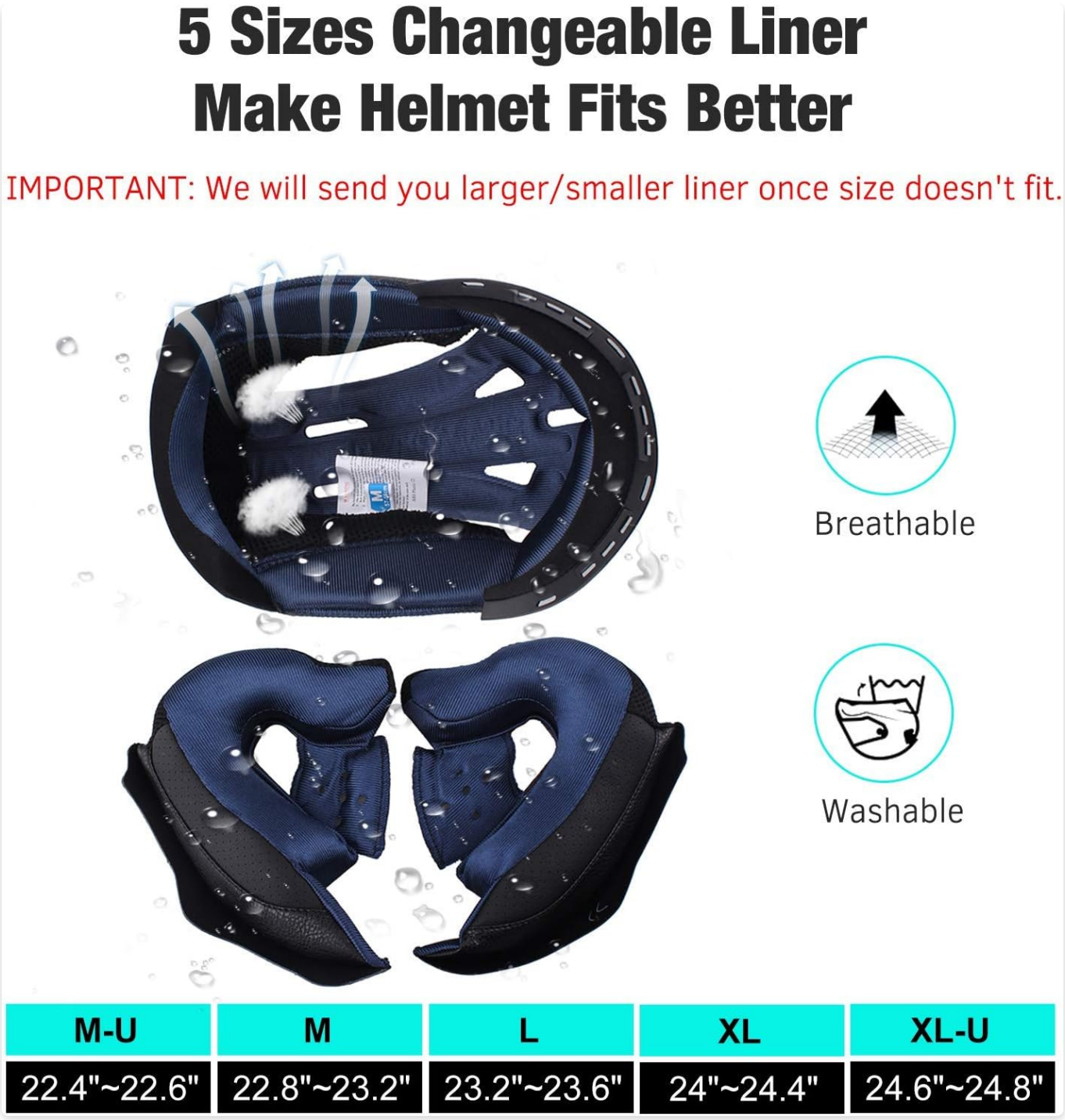


Illustration of the five changeable liner sizes (M-U, M, L, XL, XL-U) that ensure a breathable and washable interior for a better helmet fit.

4. Bluetooth Receiver Installation

Refer to the detailed instructions provided in the included manual for the proper installation of the Bluetooth receiver module within the helmet. Ensure all connections are secure before use.

Operating Instructions

1. Power On/Off

To power on the helmet's Bluetooth system, press and hold the Multi-Function Button (MFB) until you hear an audible prompt or see the indicator lights. To power off, repeat the process until the system shuts down.

2. Bluetooth Pairing (Helmet to Phone)

Ensure the helmet is powered off. Press and hold the MFB button without releasing until both the blue and red lights flash rapidly. This indicates pairing mode. On your mobile device, search for Bluetooth devices and select 'FreedConn BM2-S' to connect. Once paired, the blue light will flash slowly.

3. Intercom Function (Helmet to Helmet)

The BM2-S supports pairing with up to 3 riders, with 2 riders able to talk simultaneously. The intercom range can extend up to 1640 feet (500 meters) in open terrain. To initiate intercom pairing, ensure both helmets are in pairing mode (blue and red lights flashing rapidly), then press the MFB button on one helmet to search for the other. The BM2-S is compatible with FreedConn BM12, TCOM-SC, and T-COMVB helmet communication systems.



Illustration of the 2-rider intercom system with a range of up to 1640 feet, and a detailed view of the multi-functional control dial for various operations.

4. Music Playback & FM Radio

Once paired with your phone, you can stream stereo music. Use the integrated control dial to adjust volume. The helmet also features a built-in FM radio. Rotate the jog wheel on the control unit to switch FM channels or adjust volume. Note that the FreedConn Bluetooth helmet cannot directly skip to the previous or next song.

5. Hands-Free Calling & Voice Dial

The single multi-functional button allows for easy control of calls: answer, reject, or redial the last number. Incoming calls will automatically override other audio sources like intercom, music, FM radio, or GPS navigation. To activate voice commands (e.g., Siri), long-press the MFB button for 2 seconds.

6. Ventilation System

The helmet features a comfortable ventilation system designed to optimize airflow and reduce heat buildup inside the helmet. Adjust the vents located on the helmet to control air circulation.



The helmet's comfortable ventilation system, showing air flowing through the helmet, and the easily replaceable visor.

7. Visor Operation

The helmet is equipped with a clear outer visor and an internal smoked sun visor. The outer visor can be easily lifted and lowered. The internal sun visor can be deployed or retracted as needed for varying light conditions.

Maintenance

1. Cleaning the Helmet

Clean the helmet's exterior with a soft cloth and mild soap and water. Avoid abrasive cleaners or solvents that could damage the finish or materials. For the interior, remove the washable liners and clean them according to their care instructions.

2. Liner Care

The helmet's liners are washable. Remove them carefully and follow the washing instructions provided in the manual to maintain hygiene and comfort. Ensure liners are completely dry before re-installing.

3. Battery Care

To preserve battery life, charge the helmet at least once a month, even if not in use, especially during colder seasons. If the battery enters a

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