

J-TREK BH03

J-TREK BH03 Open-Ear Bluetooth 5.4 Helmet Intercom User Manual

Model: BH03

[Introduction](#) [Components](#) [Setup](#) [Operating](#) [Maintenance](#) [Troubleshooting](#) [Specifications](#) [Warranty & Support](#)

1. INTRODUCTION

Thank you for choosing the J-TREK BH03 Open-Ear Bluetooth 5.4 Helmet Intercom. This device is designed to enhance your cycling and outdoor adventures with seamless communication, hands-free calls, and high-quality audio, all while maintaining awareness of your surroundings. Its open-ear design ensures safety by not blocking ambient sounds.

Key Features:

- **Advanced Bluetooth 5.4:** Ensures faster and more stable connections with your smartphone, GPS, and cycle computer.
- **Group Communication:** Supports up to 8 riders for group calls with a communication range of up to 1000 meters.
- **DSP & CVC Noise Cancellation:** Effectively reduces wind and road noise, providing clear HD audio even at speeds up to 70km/h.
- **Long Battery Life & Fast Charging:** Offers up to 14 hours of continuous talk time and can be fully charged in just 60 minutes.
- **Lightweight & Durable:** Weighs only 20g and features an IPX6 waterproof rating, making it suitable for various weather conditions and intense activities.
- **Helmet-Specific Clip-on Mount:** Easy and secure attachment to various helmet types (bicycle, ski, mountaineering).



Figure 1.1: J-TREK BH03 with Bluetooth 5.4 for calls, GPS, and intercom.



走りのために設計され つながりを追求した

Bluetooth 5.4により、安定した低消費電力接続を実現。あらゆる天候に耐える耐久性と直感的な操作で、即時のグループ通話が可能です。

ノイズフリー通話

高度なノイズ抑制技術でクリアな音声を確保。折りたたみ式マイクと即時ミュート機能を備えています。



Figure 1.2: Group communication for up to 8 riders with a 1000m range.



高度なBT5.4接続

スマートフォンに接続して、ハンズフリー通話、GPSナビゲーション、音声アシスタントの起動が可能です。BH03は、安全につながりながら、シームレスなコミュニケーションとエンターテインメントを実現します。

重量の最適化

サイクリストに必要な機能を凝縮し、わずか20グラム。



Figure 1.3: DSP and CVC noise cancellation for clear audio in active environments.

2. PACKAGE CONTENTS

The J-TREK BH03 package includes the following items:

- BH03 Main Unit
- Helmet Strap Mounts (x2)
- Microphone Sponges (x2)
- USB-C Charging Cable
- User Guide



Figure 2.1: Included items in the J-TREK BH03 package.

3. SETUP

3.1. Installation

The BH03 features a helmet-specific clip-on mount for quick and secure attachment to various helmet types. Follow these steps:

1. Identify a suitable location on your helmet strap, typically on the side near your ear.

2. Slide the helmet strap through the clip-on mount until it is securely fastened.
3. Attach the BH03 main unit to the mounted clip. Ensure it clicks into place.
4. Adjust the microphone arm for optimal positioning near your mouth.



Figure 3.1: Easy clip-on installation to helmet straps.

3.2. Initial Pairing

To connect your BH03 to a Bluetooth device (smartphone, GPS, cycle computer):

1. Ensure the BH03 is powered off.
2. Press and hold the power button until the LED indicator flashes blue and red alternately, indicating pairing mode.
3. On your Bluetooth device, enable Bluetooth and search for available devices.
4. Select "J-TREK BH03" from the list of found devices.
5. Once connected, the LED indicator on the BH03 will flash blue slowly.



Figure 3.2: Seamless pairing with Bluetooth devices like GPS and speedometers.

4. OPERATING INSTRUCTIONS

4.1. Power On/Off

- **Power On:** Press and hold the power button for approximately 3 seconds until the LED indicator lights up blue.
- **Power Off:** Press and hold the power button for approximately 5 seconds until the LED indicator turns off.

4.2. Phone Calls

- **Answer Call:** Short press the power button.
- **End Call:** Short press the power button during a call.
- **Reject Call:** Press and hold the power button for 2 seconds when a call comes in.
- **Redial Last Number:** Double-press the power button.

4.3. Music Playback

- **Play/Pause:** Short press the power button.
- **Next Track:** Short press the Volume Up button.
- **Previous Track:** Short press the Volume Down button.
- **Volume Adjustment:** Long press the Volume Up or Volume Down button.

4.4. Intercom Function

The BH03 supports group communication for up to 8 riders. To initiate or join an intercom group:

1. Ensure all BH03 units are paired with each other or in a group pairing mode (refer to the detailed pairing instructions in the full user guide for multi-unit pairing).

2. Once connected, communication is typically initiated by a short press of the intercom button (if available) or automatically when in range.
3. The DSP and CVC noise cancellation will ensure clear voice transmission up to 1000m.

4.5. App Control

The J-TREK BH03 can be controlled and updated via a dedicated smartphone application. This app allows for advanced settings, intuitive operation, and Over-The-Air (OTA) updates.

- Download the official J-TREK app from your smartphone's app store.
- Connect your BH03 to the app via Bluetooth.
- Use the app for easy configuration, checking battery status, and managing group talk settings.



Figure 4.1: Advanced control and settings via the J-TREK smartphone app.

5. MAINTENANCE

5.1. Charging

The BH03 is equipped with a long-lasting battery and supports fast charging.

- Connect the provided USB-C charging cable to the charging port on the BH03 and to a compatible USB power source.
- A full charge takes approximately 60 minutes.
- A fully charged unit provides up to 14 hours of continuous talk time.



同梱品

- ・ BH03 本体
- ・ メットストラップ用 x2
- ・ マイクスポンジ x2
- ・ USB-C充電ケーブル
- ・ ユーザーガイド

Figure 5.1: BH03 battery life and fast charging details.

5.2. Water Resistance

The BH03 has an IPX6 waterproof rating, meaning it is protected against powerful water jets. This allows you to enjoy your ride without worry, even in heavy rain or during intense activities where you might sweat a lot.

- While the device is water-resistant, avoid submerging it in water.
- After exposure to rain or sweat, wipe the device dry with a soft cloth.



・ GPSサイクルコンピューター

幅広いお手持ちのBluetooth
デバイスとスムーズに
ペアリングできます

・ Bluetoothスピードメーター

Figure 5.2: IPX6 waterproof design for riding in various weather conditions.

5.3. Cleaning

- Use a soft, dry cloth to clean the exterior of the unit.
- Do not use abrasive cleaners or solvents.
- The microphone sponges can be gently cleaned or replaced if necessary.

6. TROUBLESHOOTING

If you encounter issues with your J-TREK BH03, please refer to the following common solutions:

Problem	Possible Cause	Solution
Device does not power on	Low battery	Charge the device for at least 30 minutes.
Cannot pair with Bluetooth device	Not in pairing mode; Bluetooth off on device	Ensure BH03 is in pairing mode (flashing blue/red). Enable Bluetooth on your device and try again.

Problem	Possible Cause	Solution
No audio or poor audio quality	Volume too low; device out of range; interference	Adjust volume. Ensure devices are within range. Move away from sources of strong electromagnetic interference.
Intercom not connecting	Units not paired for intercom; out of range	Ensure all units are correctly paired for group intercom. Reduce distance between units.
App not connecting to BH03	Bluetooth not enabled; app permissions	Ensure Bluetooth is on and BH03 is connected to your phone. Check app permissions in your phone settings.

7. SPECIFICATIONS

Feature	Detail
Brand	J-TREK
Model Name	BH03
Color	Black
Headphone Type	On-Ear (Open-Ear)
Connectivity Technology	Bluetooth
Wireless Type	Bluetooth 5.4
Bluetooth Version	5.4
Control Type	Button Control
Charging Time	1 Hour (Fast Charge)
Continuous Talk Time	Up to 14 Hours
Communication Range	Up to 1000m
Group Intercom	Up to 8 people
Waterproof Rating	IPX6
Product Weight	Approx. 20g
Recommended Use	Motorcycle/Bicycle Communication
Material	Plastic
Country of Origin	China

8. WARRANTY & SUPPORT

8.1. Product Warranty

The J-TREK BH03 comes with a **1-year product warranty** from the date of purchase. During this period, we offer free repair or replacement for any manufacturing defects. Please retain your proof of purchase for warranty claims.

8.2. Customer Support

For any questions regarding the product or if you require support, please do not hesitate to contact us via email. We are committed to providing excellent customer service.

1年
製品保証

1年間の製品保証
期間中は、無料
修理または新品
交換にて対応い
たします。

製品に関するご質問やサポートが必要な場合は、お気軽にサポートメールまでお問い合わせください。お客様のご利用を心を込めてサポートいたします。

 **Email:**
support@j-trek.com

Figure 8.1: Warranty information and support contact.

Email: support@j-trek.com