LEXIN LX-B4FM

LEXIN B4FM Motorcycle Bluetooth Headset User Manual

Model: LX-B4FM

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Warranty & Support

1. PRODUCT OVERVIEW

The LEXIN LX-B4FM is a Bluetooth v5.0 HiFi Stereo Headset designed for motorcycle use. It enables hands-free mobile phone calls, high-fidelity stereo music playback, FM radio reception, and wireless voice instructions from Bluetooth-enabled GPS navigation units. The system supports conference intercom conversations for up to 10 riders, with an intercom range of 2000 meters (1.2 miles) for a group, and 500 meters for two riders.

Key features include a Qualcomm chip for reliable connectivity, extended battery life, clear sound, and secure data transmission. It also offers music sharing capabilities and advanced noise cancellation technology.

2. SETUP AND INSTALLATION

2.1 Package Contents

Before installation, ensure all components are present:

- LEXIN LX-B4FM Main Unit
- Boom Microphone (for open-face or flip-face helmets)
- Button Microphone (for full-face helmets)
- Speakers
- Mounting Brackets and Adhesives
- USB Charging Cable

2.2 Installation in Helmet

The LX-B4FM is compatible with various helmet types. Choose the appropriate microphone for your helmet style:

- **Boom Microphone:** Recommended for open-face or flip-face helmets. Position the microphone close to your mouth for optimal voice pickup.
- **Button Microphone:** Suitable for full-face helmets. Mount it inside the helmet near the mouth area.

Secure the main unit to the side of your helmet using the provided clamp or adhesive mount. Route the speaker and microphone cables neatly within the helmet padding to avoid discomfort or interference.

Image: The LEXIN B4FM unit and its various components, including the main module, speakers, and two types of microphones, ready for helmet installation.

2.3 Charging the Device

Before first use, fully charge the LX-B4FM unit. Connect the provided USB charging cable to the unit and a power source. A full charge typically takes approximately 3 hours. The 800mAh battery provides up to 15 hours of talk or music playback time and over 168 hours of standby time.
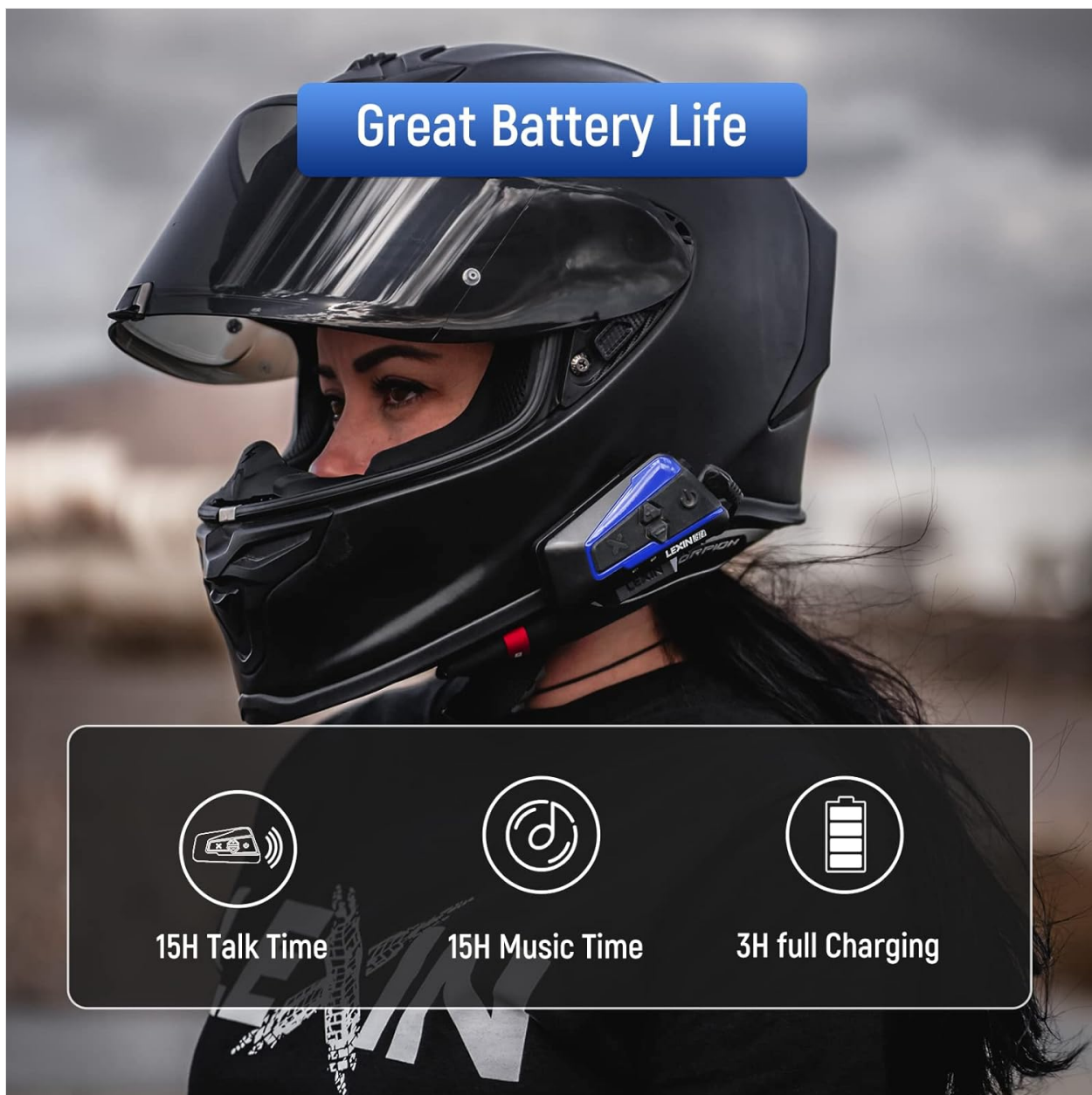
Image: A LEXIN B4FM unit mounted on a helmet, with icons indicating 15 hours talk time, 15 hours music time, and 3 hours for a full charge.

2.4 Initial Pairing

To pair the LX-B4FM with your mobile phone or another intercom unit:

1. Ensure the LX-B4FM is powered off.
2. Press and hold the Power button until the LED indicator flashes red and blue, indicating pairing mode.
3. On your mobile phone, enable Bluetooth and search for available devices. Select 'LEXIN B4FM' from the list.
4. Once connected, the LED indicator will flash blue slowly.

The LX-B4FM supports universal pairing with most motorcycle headsets, including other LEXIN models (G2P, GTX, G16, MeshCom, Novus) and various other brands.

Image: A LEXIN B4FM unit mounted on a helmet, illustrating its capability for universal pairing with other brands of intercom systems.

3. OPERATING INSTRUCTIONS

3.1 Power On/Off

- **Power On:** Press and hold the Power button for approximately 3 seconds until the LED flashes blue.
- **Power Off:** Press and hold the Power button for approximately 5 seconds until the LED flashes red and then turns off.

3.2 Intercom Communication

The LX-B4FM supports group intercom for up to 10 riders, with optimal performance for groups of 4. The maximum range is 2000 meters (1.2 miles) for a group, and 500 meters for two riders.

- **Initiate Intercom:** After pairing with other LX-B4FM units, a short press of the Intercom button will initiate a conversation.
- **End Intercom:** Press the Intercom button again to end the conversation.

Image: An illustration showing multiple motorcycles on a winding road, demonstrating the LEXIN B4FM's intercom range for up to 10 riders (best for 4) over 1.2 miles, with a specific range of 500m for two riders.

3.3 Music Playback and Sharing

Enjoy HiFi stereo music through the Mylar coaxial speakers. The LX-B4FM features DSP/CVC technology for clear audio quality even at speeds up to 120 km/h.

- **Play/Pause Music:** Short press the Multi-function button.
- **Next Track:** Short press the Volume Up button.
- **Previous Track:** Short press the Volume Down button.
- **Music Sharing:** Two riders can enjoy the same song by double-clicking the Power button on one of the paired units.
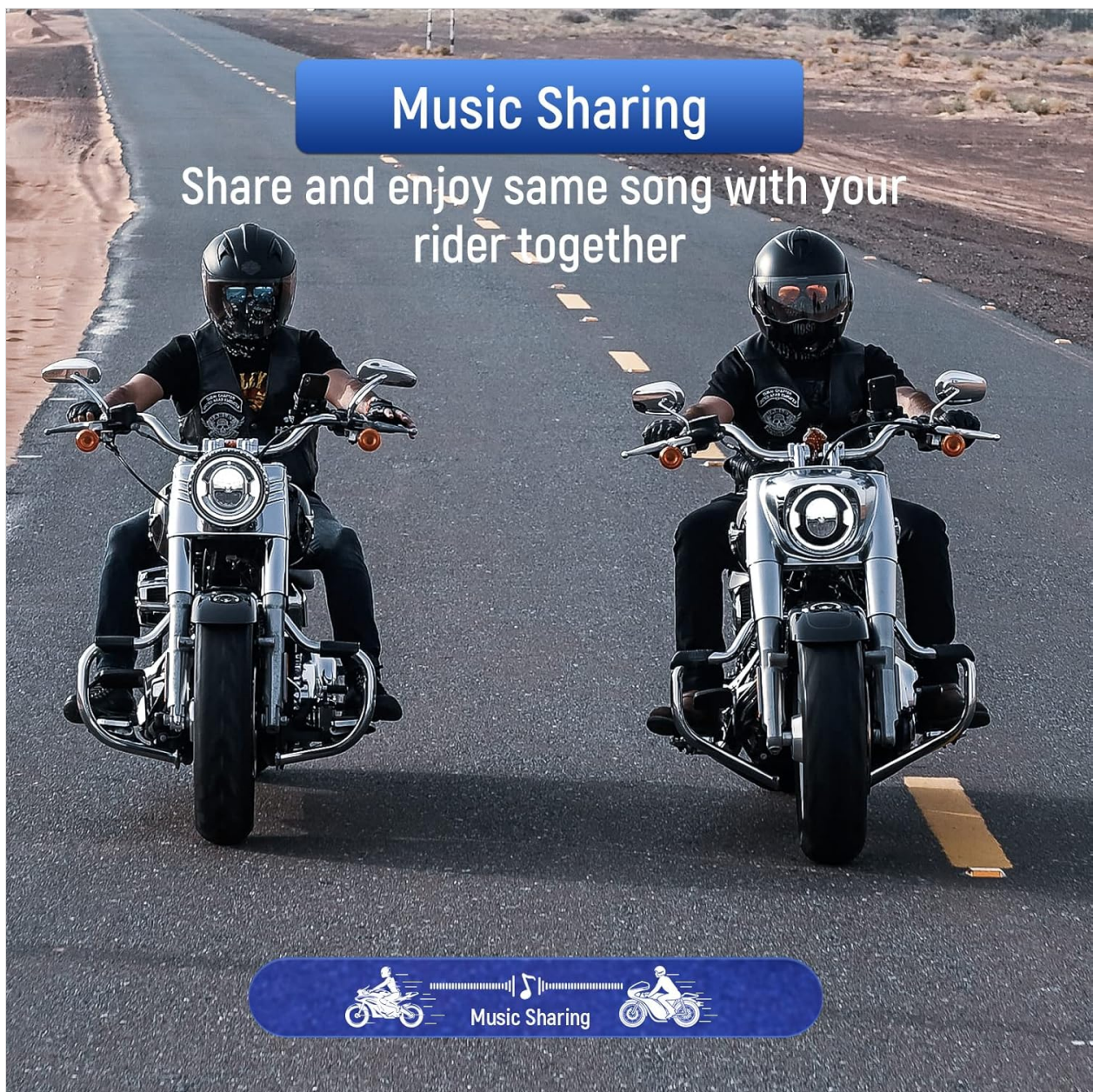
Image: Two riders on motorcycles, illustrating the music sharing feature of the LEXIN B4FM, allowing them to enjoy the same song simultaneously.

3.4 Phone Calls and Voice Assistant

When paired with your mobile phone, the LX-B4FM allows for hands-free communication.

- **Answer Call:** Short press the Multi-function button.
- **End Call:** Short press the Multi-function button.
- **Reject Call:** Press and hold the Multi-function button for 2 seconds.
- **Redial Last Number:** Double-click the Multi-function button.
- **Activate Voice Assistant (Siri/Google Assistant):** Press and hold the Multi-function button for 2 seconds (when not on a call).

3.5 FM Radio

The LX-B4FM includes an integrated FM radio.

- **Turn FM Radio On/Off:** Press and hold the FM button for 2 seconds.
- **Scan Stations:** Short press the Volume Up or Volume Down button to tune to the next/previous station.

4. Maintenance

4.1 Waterproofing

The LX-B4FM helmet communication system is designed with IP67 waterproof ports and plugs, ensuring reliable performance in various weather conditions, including temperatures as low as -22°F (-30°C). While it is waterproof, avoid submerging the unit in water for extended periods.

Image: A LEXIN B4FM unit mounted on a helmet, with water droplets on the helmet and windshield, emphasizing its waterproof capabilities and ability to function in rain.

4.2 Battery Care

- To prolong battery life, avoid fully discharging the unit frequently.
- Charge the unit regularly, even if not in use for extended periods (e.g., once every 3 months).
- Store the unit in a cool, dry place when not in use.

4.3 Cleaning

Wipe the unit with a soft, damp cloth. Do not use harsh chemicals or abrasive cleaners.

5. TROUBLESHOOTING

If you encounter issues with your LX-B4FM, refer to the following common problems and solutions:

- **No Power:** Ensure the unit is fully charged. Connect it to a charger and check if the charging indicator lights up.
- **No Sound from Speakers:** Check that the speaker cables are securely connected to the main unit. Verify volume levels on both the LX-B4FM and your connected device.
- **Cannot Pair with Phone/Intercom:** Ensure both devices are in pairing mode. Turn off and restart both devices, then attempt pairing again. Clear previous pairings on your phone if necessary.
- **Intercom Disconnects Frequently:** Ensure units are within the specified intercom range. Obstacles and terrain can affect range. Check for low battery on either unit.
- **Poor Audio Quality/Noise:** Ensure the microphone is positioned correctly and not obstructed. Check for strong electromagnetic interference.
- **Buttons Unresponsive:** Try resetting the device by pressing and holding the Power button for an extended period (e.g., 10-15 seconds) or by charging it.

6. TECHNICAL SPECIFICATIONS

Model Number	LX-B4FM
Bluetooth Version	v5.0
Intercom Range (Group)	Up to 2000 meters (1.2 miles) for 10 riders (best for 4)
Intercom Range (2 Riders)	Up to 500 meters
Battery Capacity	800mAh Lithium Metal
Talk Time	Up to 15 hours
Music Playback Time	Up to 15 hours
Standby Time	Over 168 hours
Charging Time	Approximately 3 hours
Waterproof Rating	IP67
Operating Temperature	-22°F to 122°F (-30°C to 50°C)
Control Method	Touch, Voice
Material	Plastic
Item Weight	0.59 Kilograms (1.3 pounds)

7. WARRANTY AND SUPPORT

7.1 Warranty Information

LEXIN products are manufactured to high-quality standards. For specific warranty terms and conditions, please refer to the warranty card included with your product or visit the official LEXIN website. Keep your proof of purchase for warranty claims.

7.2 Customer Support

If you require further assistance, have questions, or encounter issues not covered in this manual, please contact LEXIN customer support. You can typically find contact information, FAQs, and additional resources on the official LEXIN website:

Visit LEXIN Official Website