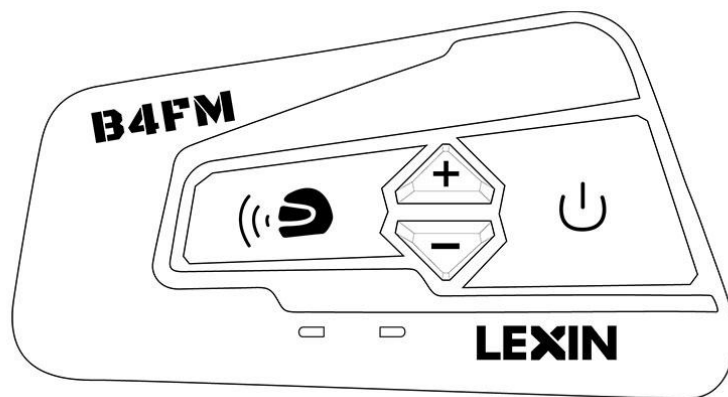




User Guide



LX-B4FM

Motorcycle 4-Way Conference Intercom





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1. Introduction

Thank you for choosing the LX-B4FM Motorcycle 4-Way Bluetooth Conference Intercom. This product has a 1,600 meter (1 mile) bike-to-bike full-duplex intercom maximum range, includes Bluetooth stereo wireless helmet headset(s), and is designed for installation into most open face, modular, and full-face style helmets.

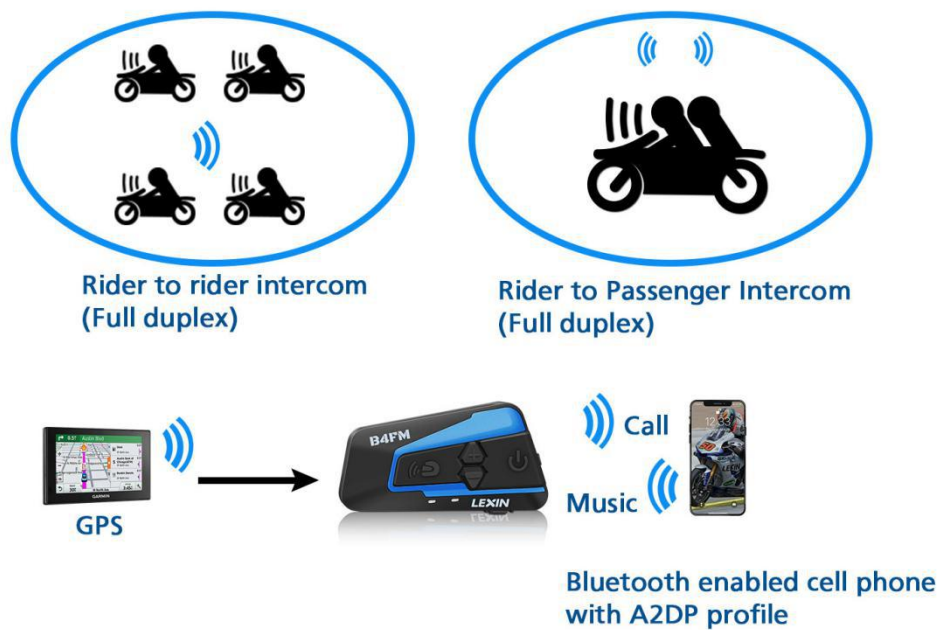
With the LX-B4FM you can call hands-free on your Bluetooth mobile phone, listen to stereo music or voice instructions of GPS navigation, and activate wireless Intercom for rider-to-rider or rider-to-passenger conversation within a range of 1600 meters when four units are connected.

The LX-B4FM is compliant with Bluetooth Specification V3.0 supporting the following profiles: Headset Profile (HSP), Hands-Free Profile (HFP), and Advanced Audio Distribution Profile (A2DP). It supports universal pairing with most Bluetooth headsets on the market. The user can activate Siri or S-Voice from the main unit for voice dialing and other voice commands. The FM radio tuner is built into the main unit and allows for station scanning.

Superior audio fidelity has been achieved with our high fidelity, non-ported, and ultra-slim helmet speakers. This headset also provides the industry's best combination of wind and ambient noise reduction with the miniature boom microphone.

The main unit is powered by a rechargeable lithium ion/polymer power cell that provides 10-15 hours of active use from a full charge. Standby time is over a week.

Please read this User Manual carefully before using this product.



How it Works

2. Package Contents





- LX-B4FM Main Unit
- Stereo HD Speaker with Interchangeable Microphone for Open Face Helmet or Full Face Helmet
- USB Cable
- Clip Mounting Bracket
- 3M Tape Bracket
- User Manual

3. Installation Instructions

3.1.1 Insert the Clip Mounting Bracket between the internal padding and external shell of the helmet.



3.1.2 If have any problems with mounting the bracket, you may use the 3M tape bracket. Just peel off the protective backing sheet of the 3M tape and adhere the bracket onto the helmet. Press for 15 seconds and allow the glue dry for 24 hours.



***Note:** Even though the 3M Tape mounting is provided for convenience, LEXIN recommends using the bracket mounting. The 3M Tape mounting is offered as an option that you may use at your own risk and responsibility, LEXIN does not assume any responsibility for use of it.*

3.2 Locate an area in the nose section just to the left of center to mount the button microphone for full helmets. Place the button microphone to the velcro pad and connect it to the connector of the headset.



If you are installing into an open face helmet, please adjust the direction of the microphone so that the triangular mark on the microphone is pointing towards your mouth.



3.3 Place the speakers into the cheek pads. Push the speakers and microphone firmly against the Velcro pads.

3.4 Press the wires into the gap between the helmet liner and shell.



Note: The speaker with shorter wire is for the left ear and the speaker with the longer one is for the right ear, to enhance the FM radio reception as well.

3.5 Mount the LX-B4FM main unit on the bracket. Slide the main unit down onto the bracket until it clicks firmly into the bottom portion of the bracket.



3.6 To remove the main unit from the bracket, just push it up from the bracket.



4. General Operation Instructions

4A. Powering On/Off and Charging

• Power On

Press and hold the POWER button for about three seconds to power on. The LED will blink blue only. You can hear the voice announcement about expected life of the current battery charge.

• Power Off

Press and hold the POWER Button for about three seconds to power off. The blue LED will turn red then off.



- **Charging**

Plug the micro USB cable into USB port to charge by any DC 5V power supply, such as mobile phone charger, computer, laptop or power bank and etc. The LED turns red while charging, and then turns blue when the main unit is fully charged. It takes about 2.5 hours to be completely charged.

- **Low Battery Alert**

When the main battery unit falls below 20% charge the LED light will flash red and there will be a tone alert every five minutes until the condition is remedied.

4B. Pairing the LX-B4FM with a Bluetooth Device

Before using the LX-B4FM Bluetooth headset with any Bluetooth device for the first time you need to pair them. It can be paired with mobile phones, audio devices such as MP3 or GPS, and other LEXIN Bluetooth headsets. This pairing operation is only required once for each Bluetooth device, and the headset will remain paired with each device and automatically reconnects to the paired devices when within range.

- **Pairing a Mobile Phone**

Step 1. **Start with the unit powered off**, press and hold the POWER button for about 6 seconds until the LED light alternates between red and blue.

Step 2. Search for Bluetooth devices on your mobile phone. The headset will be listed on your mobile phone as “LX-B4FM”.

Step 3. Enter 0000 for the PIN if needed.

Step 4. Your mobile phone will confirm that pairing is complete. The blue LED blinks after they are connected.

- **Pairing a Stereo Bluetooth Adaptor**

Step 1. Turn on the audio source and prepare Stereo Bluetooth Adaptor for pairing

Step 2. Put LX-B4FM main unit in Bluetooth pairing mode (see above)

Step 3. Turn on or plug in the Stereo Bluetooth Adaptor

Step 4. The audio source will automatically start playing through the LX-B4FM main unit when pairing is complete.

- **Pairing Bluetooth GPS Navigation**

Step 1. The pairing procedure is the same with “Pairing Mobile Phone”

Step 2. Please refer to the manual of the Bluetooth GPS navigation for details.

Step 3. You can listen to Bluetooth voice instructions from Bluetooth GPS navigation.

5. Controls and Functions

5.1 Volume and Music Control

You can easily adjust the volume by pressing the Volume- and Volume+ button.

You will hear a beep when maximum or minimum level.

Press the Power button to play and pause music.

When playing music, press and hold the Volume- button to go to next track, press and hold the Volume+ Button to go to the previous track.

Note: When in music stream mode from Smartphone, you will need to adjust the volume on smartphone as well to get louder volume.

5.2 Safe Mobile Phone Calls - Incoming and Outgoing

5.2.1 Answer incoming call:

The unit will automatically answer the incoming phone call after 12 seconds. Or press the Power button to answer the incoming phone call immediately.

***Note:** You can disable and enable the automatically incoming phone call answer feature by press and hold both the power button and intercom button for 3 seconds, you can see red light flash 3 times when disabled, or you can see blue light flash 3 time when enabled.*

5.2.2 Reject incoming call:

Press and hold the Power button for two seconds.

5.2.3 End active phone call:

Press the Power button to end a phone call.

5.2.4 Voice Dial:

When in standby mode, double click the Power button to activate Siri or S-Voice. You will hear a beep sound, and then there will be a voice prompt from the mobile phone. Simply speak the name from your phone list to dial.

5.2.5 Last phone call number redial:

When in standby mode, double click the Volume + button to redial the last phone call number.

***Note:** In some cases (e.g. high-power RF radio influence or metal blocking), the headset might disconnect from the mobile phone. Please short press the Power button to reconnect.*

5.3 Bluetooth Intercom Talk

5.3.1 Pairing with other LX-B4FM headsets for Intercom Talk

The LX-B4FM can be paired with other LX-B4FM for up to a total of four units for full duplex Bluetooth intercom talk. There is a different pairing process for each scenario: two intercoms, three intercoms, and four intercoms. When more than two units are connected, there are End units and Bridge units. To maximize range, the riders should stay in the same order that the units are connected.

***Note:** Prior to pairing units for communications before riding. We strongly suggest that existing connections be cleared from unit. To clear existing connections, press and hold the volume + and volume – together until the red LED flashes, all previous connections are cleared from unit.*

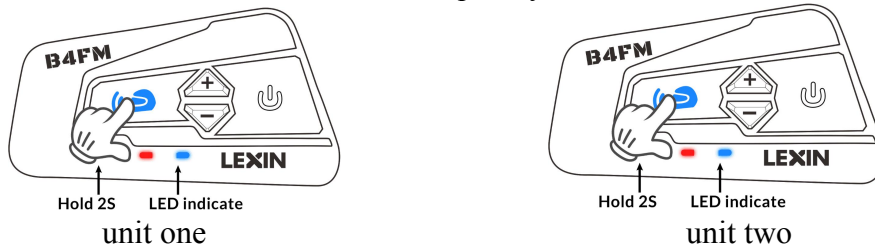
1) Pairing two LX-B4FM headsets to talk



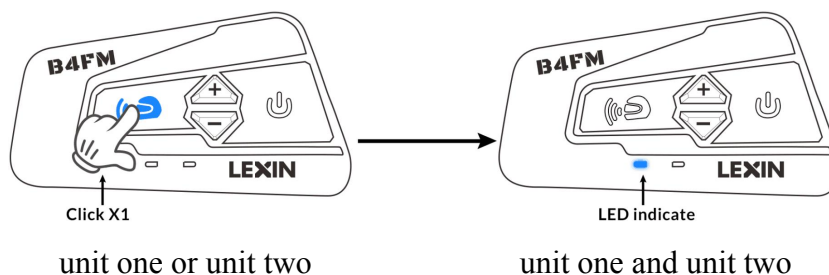
Tips: To start an intercom talk, you must pair the two units first.

Step 1. Pairing two LX-B4FM units first

Power on both units, to enter pairing mode, press and hold the Intercom button for two seconds until the red and blue LED flashes quickly on each unit.

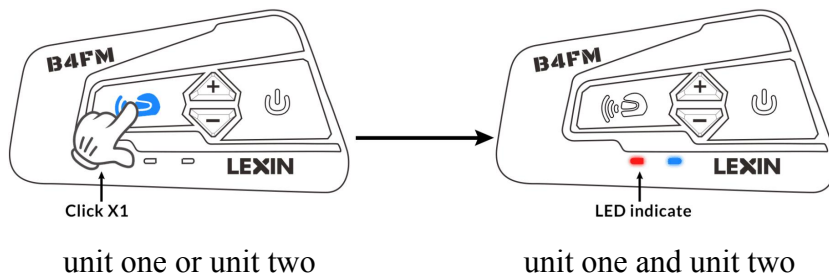


Click the Intercom button on either unit until the blue led flashes quickly on this unit, once the pairing is complete you will see blue LED flash on both units (no red).



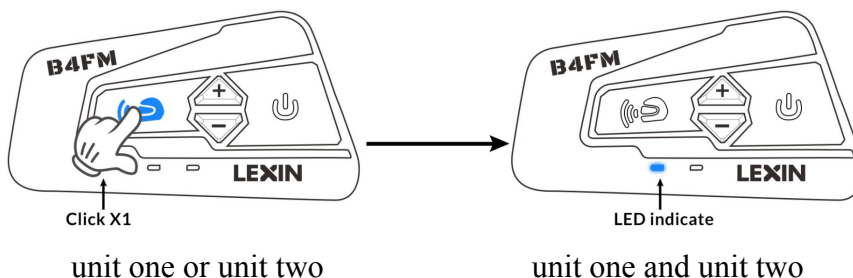
Step 2. Start an intercom talk

Click the Intercom button on one unit to start an Intercom talk. Wait three to five seconds for the unit to connect. When in Intercom mode, you can see both blue and red led blinks simultaneously.



Step 3. Disconnect an intercom talk

Click the Intercom button on one unit again to quit the intercom. After disconnected you will see blue LED flash on both units.



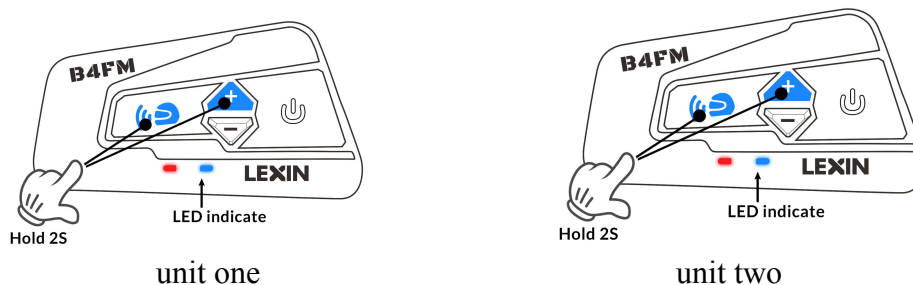
2) Pairing three LX-B4FM headsets to talk



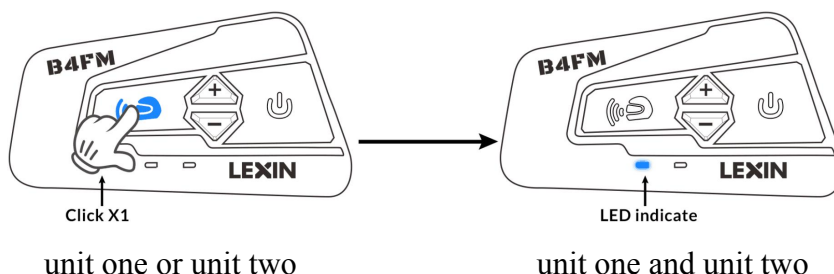
Tips: Before pairing, please mark different number and color (red or blue) on each LX-B4FM unit like the above photo for better understanding of operation.

Step 1 Pairing unit one with unit two first

Power on unit one (blue mark) and unit two (red mark), then simultaneously hold **the Intercom and V+ button** on both units for two seconds to enter pairing mode for channel 1, until the red and blue LED on both units flash.

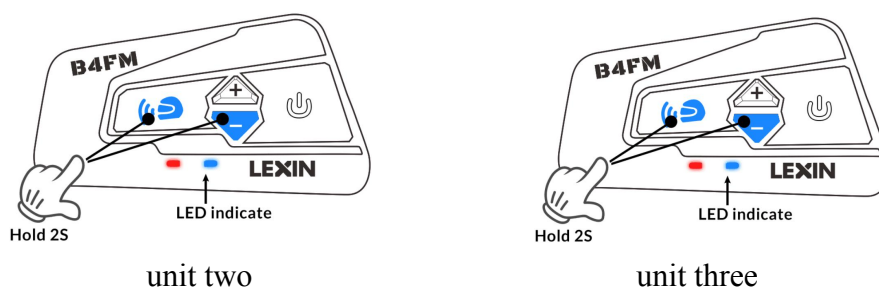


Then click the Intercom button on either unit, the blue LED will flash quickly on this unit. Once the pairing is complete you will see the blue LED blinking on both units.

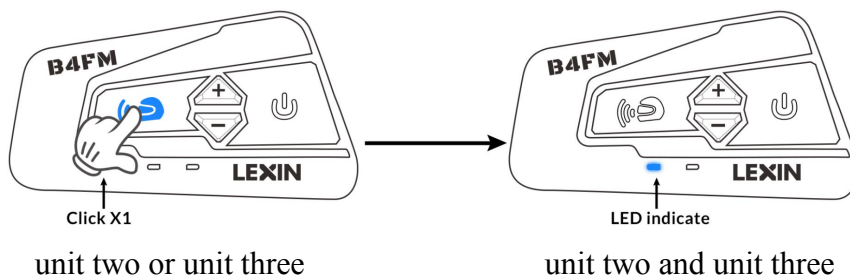


Step 2 Then pairing unit two with unit three

Power on unit three (blue mark). Simultaneously hold **the Intercom and V- button** on both unit two and unit three for two seconds until the red and blue LED flash to enter pairing mode for channel 2.



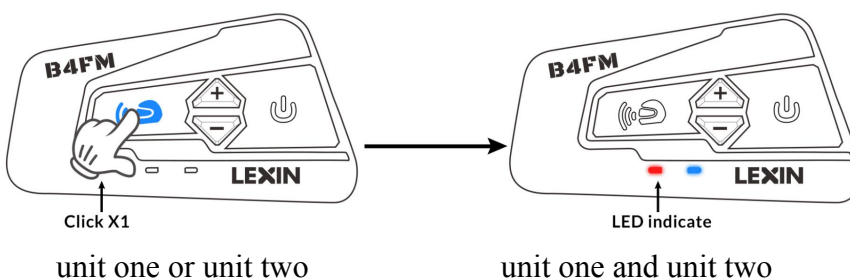
Then press the Intercom button on either unit until the blue LED flashes quickly on this unit. Once the pairing is complete you will see the blue LED blinking on both units.



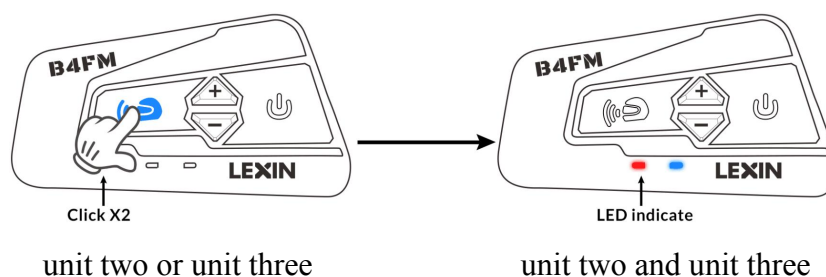
Step 3 Start 3 way intercom talk

After all three units are paired, unit two (red mark) will be set as the bridge unit.

3.1 Click the Intercom button on unit one or unit two to connect the two units.



3.2 **Double click** the Intercom button on unit three or unit two to connect the two units. Then all three units will be connected.

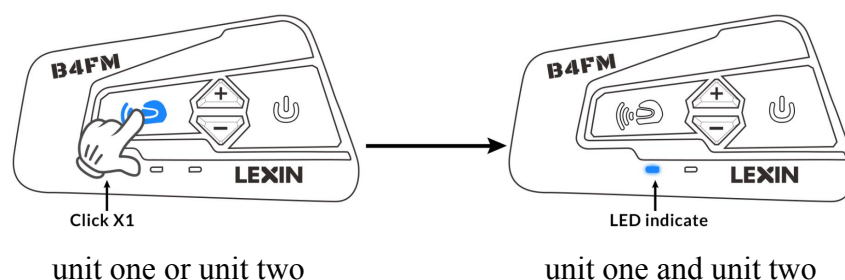


Note: When in conference intercom talk, you can see both blue and red LED blink simultaneously on each unit.

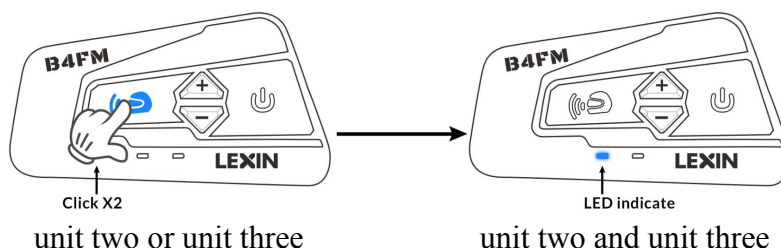
Step 4 Disconnect the intercom talk

Use the Intercom button again to disconnect the intercom talk.

4.1 Click the Intercom button on unit one or unit two to disconnect the two units, while unit two and unit three stay connected.



4.2 **Double click** the Intercom button on unit three or unit two to disconnect the two units. Then all three units will be disconnected.



unit two or unit three

unit two and unit three

Important Note: *The Bridge unit cannot be connected with a Bluetooth device (phone or GPS) while it is being used as an Intercom Bridge unit.*

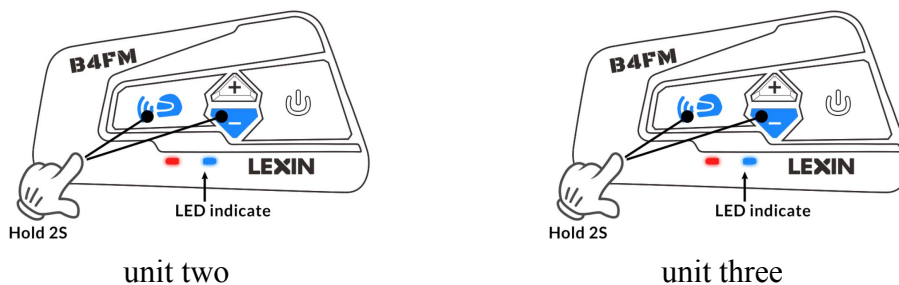
3) Pairing four LX-B4FM headsets to talk



Tip: Before pairing, please mark different number and color (red or blue) on each LX-B4FM unit like the above photo for better understanding of operation.

Step 1 Pairing the two bridge units first

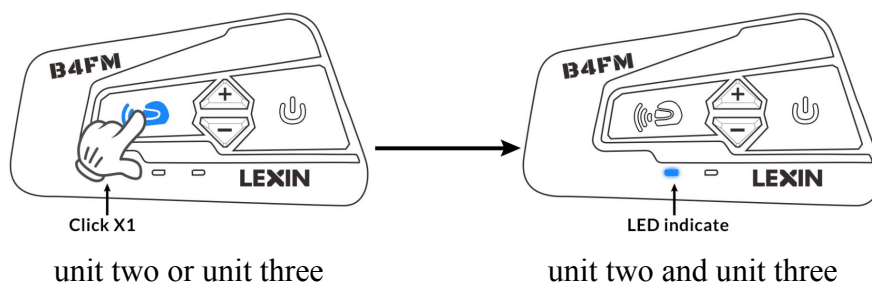
Power on unit two (red mark) and unit three (red mark), they will be set as bridge units. Simultaneously hold the **Intercom** and **V-** button on both units for two seconds until the red and blue LED flash to enter pairing mode for Channel 2.



unit two

unit three

Then press the Intercom button on either unit, the blue LED will flash quickly on this unit. Once the pairing is complete you will see the blue LED blink on both units.

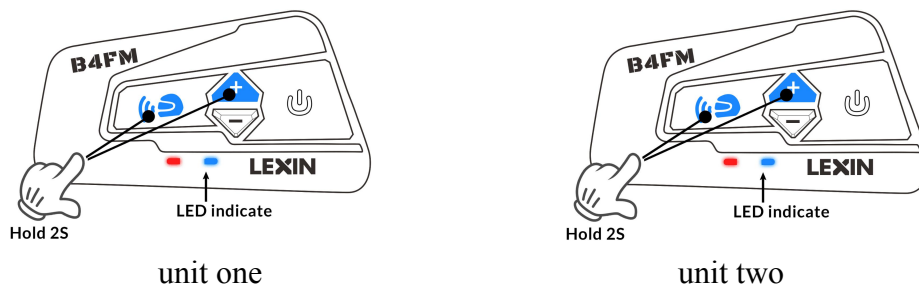


unit two or unit three

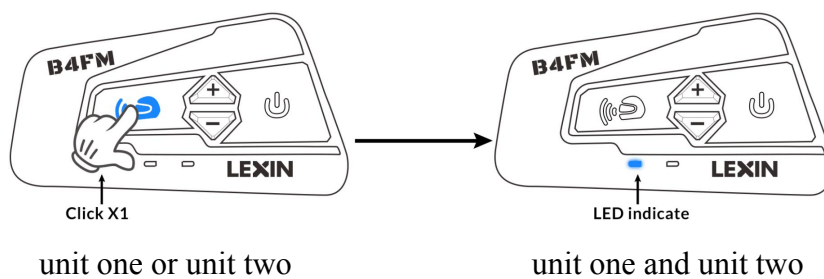
unit two and unit three

Step 2 Pairing the bridge units with end units

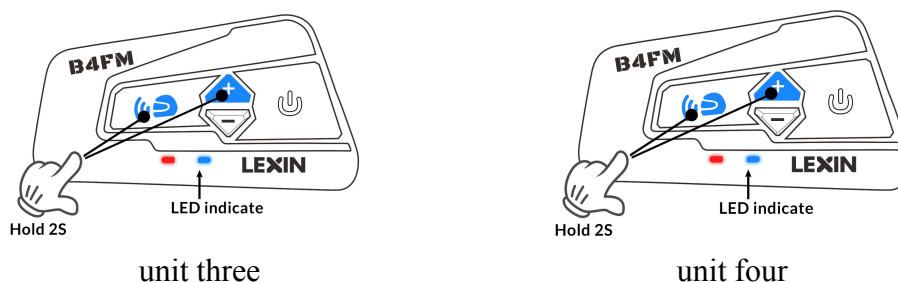
Power on unit one (blue mark), simultaneously hold the **Intercom** and **V+ button** on both unit one and unit two for two seconds until the red and blue LED of the both units flash to enter pairing mode for Channel 1.



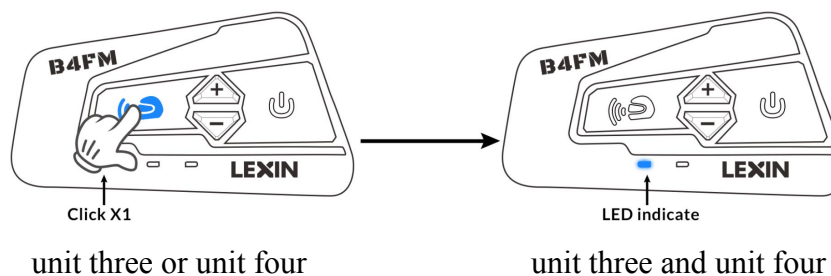
Then press the Intercom button on either unit. The blue LED will flash quickly on this unit. Once pairing is complete, you will see the blue LED blink on both units.



Power on unit four (blue mark). Simultaneously hold the **Intercom** and **V+ button** on both unit three and unit four for two seconds, until the red and blue LED flash on both units to enter pairing mode for Channel 1.



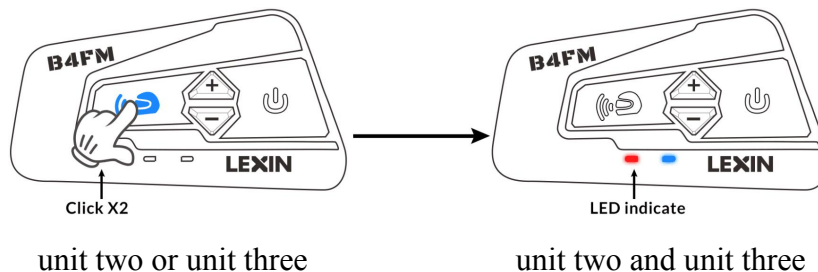
Then Click the Intercom button on either unit, the blue LED will flash quickly on this unit. Once the pairing is complete you will see the blue LED blink on both units.



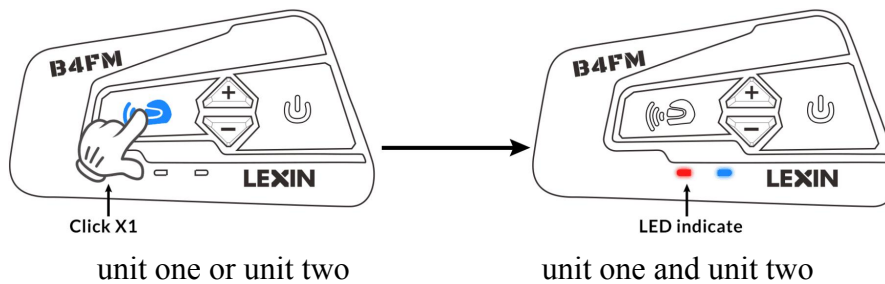
Step 3 Start 4 way intercom talk

After all four units are paired, unit two (red mark) and unit three (red mark) have been set as bridge units.

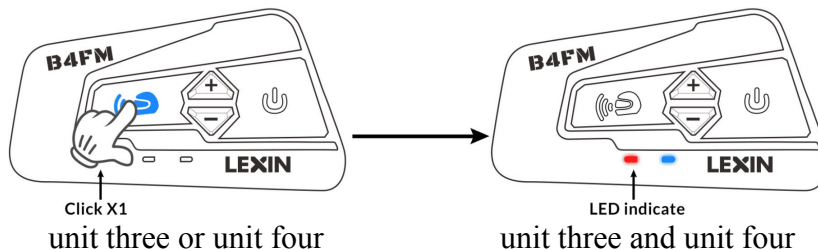
3.1 **Double click** the Intercom button on unit two or unit three to connect the two bridge units.



3.2 Click the Intercom button on unit one or unit two to connect the two units.



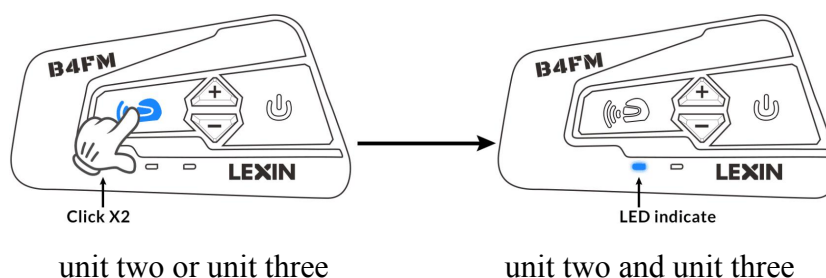
3.3 Click the Intercom button on unit four or unit three to connect the two units.



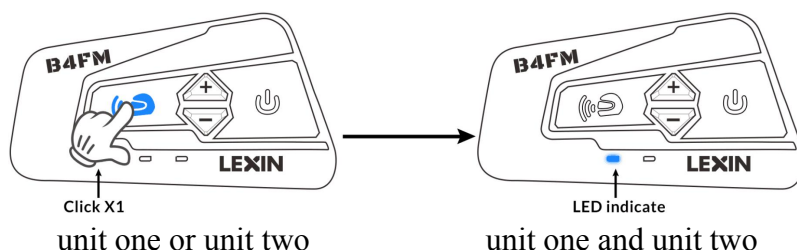
Note: When in conference intercom talk, you can see both blue and red LED blink simultaneously on each unit.

Step 4 Disconnect the intercom talk

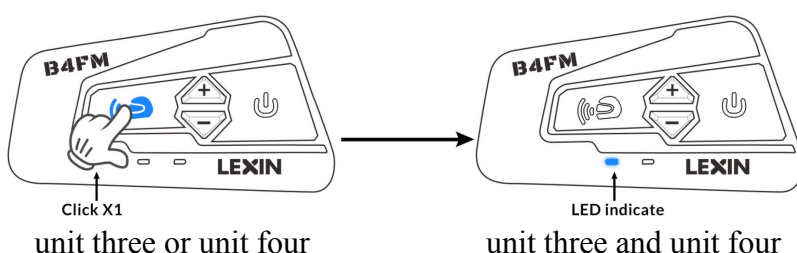
4.1 **Double click** the Intercom button on unit two or unit three to disconnect the two bridge units. While they stay connected with the end unit, say unit two stay connected with unit one, unit three stay connected with unit four.



4.2 Click the Intercom button on unit one or unit two to disconnect the two units.



4.3 Click the Intercom button on unit four or unit three to disconnect the two units.



Tips: To connect Bridge units, double-click the Intercom button. To connect Bridge unit with End unit, press once the Intercom button on the end units.

Note:

You will hear a beep sound when you start an intercom talk, it may take some seconds to connect the other unit, please wait till both units are connected to talk.

** If the bridge unit two and bridge unit three are disconnected, then the group will be disconnected.*

** If the end unit one or unit four is disconnected, the other three keep connected.*

** If one unit has lost connection with another, the two units on the same channel are still connected. Just follow the above connecting instruction to reconnect the other disconnected unit when it is back in Intercom range.*

** If one Intercom rider goes out of range during a conversation, there may be static and eventually the intercom will disconnect. In this case, the LX-B4FM automatically tries to reconnect the Intercom rider every eight seconds and you will hear high tone double beeps until the connection is reestablished. If you don't want to make a re-connection, press the Intercom button to stop the attempt.*

** For four riders to successfully communicate, we suggest connecting the two Bridge units (**red mark**) that are paired using the Intercom button and Volume- button first, then connect them to the End units (**blue mark**) that are paired by Intercom button and Volume+ button. Since unit two and unit three act as a 'bridge' in the chain we suggest keeping them within the stated intercom range to maintain continuous communication.*

Tips: To save battery power, disconnect the intercom units if you do not need to talk.

Important: The Bridge unit cannot be connected with a Bluetooth device (phone or GPS) while it is being used as an Intercom Bridge unit.

5.4 Universal Pairing:

While pairing with other brand intercom headset if needed, the pairing operation is same as two way intercom pairing. But it is different to start the intercom talk with other brand intercom headset, you need to press both volume + and Volume – simultaneously to initiate intercom from our unit. And to end the intercom, simply press the power button.

5.5 Stereo Music and FM Radio

You can listen to stereo music by Bluetooth or FM radio.

• Bluetooth Wireless Stereo

The Bluetooth audio device must be paired with the LX-B4FM by following the Bluetooth Audio Device Pairing instructions described in the previous section. The LX-B4FM supports the Advanced Audio Distribution Profile (A2DP), so if your Bluetooth audio device also supports the A2DP you can use the LX-B4FM to remotely control music playback. Volume control and play/pause functions will work.

- Press Volume+ or Volume– button to adjust the volume
- Press the Power button to play/pause the music.

• FM Radio

Press and hold Volume- button for two seconds to enter FM radio mode, then double-click Volume+ or Volume– button to scan up or down to find your desired station.

5.6 Function Priority

The LX-B4FM operates in the following order of priority:

1. Mobile phone (*highest*)
2. Intercom
3. Bluetooth stereo music, FM radio (*lowest*)

A lower-priority function is always interrupted by a higher-priority function. For example, stereo music is interrupted by an Intercom call, and Intercom conversation is interrupted by an incoming mobile phone call.

5.7 Reset

To clear the previous pairing, press Volume+ and Volume– button simultaneously until the LED flashes red.

5.8 Battery Life Prompt

Current battery life can be checked by holding the Volume+ button. A voice will announce the level of charge.

6. Maintenance and Care

The LX-B4FM should be treated with care and the following suggestions will help maintain your Warranty.

- 6.1. Do not use or store the device in dusty or dirty environments. Moving parts and electronic components can be damaged.
- 6.2. Do not store the device in high heat areas. High temperatures can shorten the life of electronic devices, damage batteries, and warp or melt certain plastics.
- 6.3. Do not store the device in cold temperature areas. When the device returns to its normal temperature moisture



can form inside the device and damage electronic circuit boards.

6.4. Do not attempt to open the LX-B4FM case.

6.5. Do not drop or knock the device. Rough handling can break internal circuit boards and fine mechanics.

6.6. Do not use harsh chemicals, cleaning solvents, or strong detergents to clean the device.

6.7. Do not paint the device. Paint can clog the moving parts and prevent proper operation.

These suggestions apply equally to the headset main unit, speaker-microphone clamp unit, and power charger.

7. Certification and Safety Approvals

• FCC Compliance Statement

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:

- This device may not cause harmful interference;
- This device must accept any interference received, including interference that may cause undesired operation.

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in an installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

• FCC RF Exposure Statement

The antenna(s) used for this device must be installed to provide a separation distance of at least 20 cm from all persons and must not be co-located or operated in conjunction with any other antenna or transmitter.

• FCC Caution

Any changes or modifications to the equipment not expressly approved by the party responsible for compliance could void user's authority to operate the equipment.

• CE Declaration of Conformity

This product is CE marked according to the provisions of the RandTTE Directive (99/5/EC). Hereby, LEXIN declares that this product is in compliance with the essential requirements and other relevant provisions of Directive 1999/5/EC.

8. Warranty

LEXIN warrants that this product shall conform to and perform in accordance with published technical specifications and the accompanying written materials, and shall be free of defects in materials and workmanship, for a period of one (1) year from the date of purchase by the first consumer purchaser of the Product. The limited warranty extends only to the original consumer purchaser of the Product and is not assignable or transferable to any subsequent purchaser/end-user.

This warranty is limited to the repair and/or replacement, at LEXIN's discretion, of defective or non-conforming Product, and LEXIN shall not be responsible for the failure of the Product to perform specified functions, or any other non-conformance caused by or attributable to: (a) any misapplication or misuse of the Product; (b) failure of Customer to adhere to any of LEXIN's specifications or instructions; (c) neglect of, abuse of, or accident to, the Product; or (d) any associated or complementary equipment or software not furnished by LEXIN.



Limited warranty service may be obtained by delivering the Product to LEXIN or to the international distributor it was purchased through and providing proof of purchase or receipt date. Customer agrees to insure the Product or assume the risk of loss or damage in transit, to prepay shipping charges to LEXIN, and to use the original shipping container or equivalent.

9. Waiver and General Release

By using the Product, you will waive substantial legal rights including the right to sue. Please read the following carefully before using the device. By using the Product, you agree to be bound to this agreement and forfeit the right to sue.

By using the Product, you are irrevocably releasing, indemnifying from any liability, loss, claim and expense (including attorney's fees) and holding LEXIN harmless for any bodily injuries, harm or death as well as losses or damages in goods, to any vehicles including your own, or to any property or asset that belong to you or to third parties, any of which may result from using the Product under any circumstances or conditions and irrespective of jurisdiction.

9.1. You, your heirs, legal representatives, successors or assigns, hereby voluntarily and forever release, discharge, indemnify and hold harmless LEXIN from any and all litigation, claims, debts, demands, actions and liability which may arise, directly or indirectly, from using the Product for any distress, pain, suffering, discomfort, loss, injury, death, damages to or in respect to any person or property however caused, WHETHER ARISING FROM THE NEGLIGENCE OR OTHERWISE, and which may hereafter accrue to you on some future date as a result of said use, to the fullest extent permitted by law.

9.2. You fully understand and assume the risks in using the Product, including risk of negligent acts or omissions by others. All risks for operating the Product are assumed solely by the user of the Product.

9.3. You confirm that you are physically capable to use the Product and that you have no medical conditions or needs that may infringe upon your abilities to do so in a safe manner. You confirm that you are at least eighteen (18) years of age and that you have been advised of the risks associated with the use of the Product. You further confirm that you will not consume any alcohol that may affect your alertness or any mind-altering substance, and will not carry, use or consume these substances before or during the use of the Product.

9.4. You fully acknowledge our warnings and understand that:

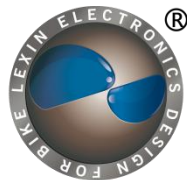
- (a) Risks and dangers exist in using the Product while in traffic, including but not limited to injury or illness, strains, fractures, partial and/or total paralysis, death or other ailments that could cause serious disability;
- (b) These risks and dangers may be caused by the negligence of the manufacturers or its agents or any third party involved in designing or manufacturing the Product;
- (c) These risks and dangers may arise from foreseeable or unforeseeable causes.

You hereby assume all risks and dangers and all responsibility for any losses and/ or damages, whether caused in whole or in part by the negligence or other conduct of others, including LEXIN.

9.5. By using the Product, you confirm that you have read this release of liability and fully understand and accept its terms and conditions.

WARNING

PLEASE CHECK ALL LOCAL LAWS AND REGULATIONS
REGARDING THE USE OF IN-HELMET SPEAKERS WHILE
OPERATING MOTORIZED VEHICLES.



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