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LEXIN
L-X-B4FM Motorcycle 4-
Way Conference Intercom

LEXIN L-X-B4FM Motorcycle 4-Way Conference Intercom User Manual

Contents

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**LEXIN L-X-B4FM Motorcycle 4-Way Conference Intercom User Manual**

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 a 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 AdvancedAudio 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.
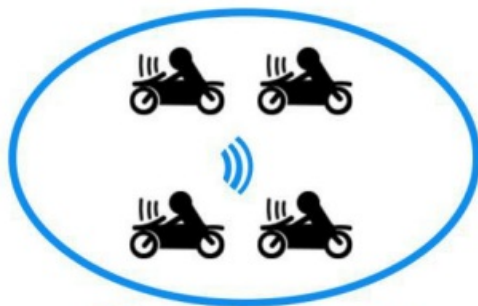
Rider to rider intercom (Full duplex)

Rider to Passenger Intercom (Full duplex)

GPS

Call

Music

Bluetooth enabled cell phone with A2DP profile

Package Contents

LX-B4FM Main Unit

Speaker and Boom Microphone

Packing box

User Manual

Button microphone

Charging cable

3M Bracket
With 3M double-sided tape for surface mounting

Spring clip

Mounting Bracket

- 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

Installation Instructions

Insert the Clip Mounting Bracket between the internal padding and the external shell of the helmet. If have any problems with mounting the bracket, you may use the 3Mtapebracket. Just peel off the protective backing sheet of the 3Mtape and adhere the bracket onto the helmet. Press for 15 seconds and allow the glue to 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 of interest as an option that you may use at your own risk and responsibility, LEXINdoes not assume any responsibility for its use. Locate an area in the nose section just to the left of the center to mount the button microphone for full helmets. Place the button microphone on the velcro pad and connect it to the connector of the headset.

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

① ②

Place the speakers into the cheek pads. Push the speakers and microphone firmly against the Velcro pads. Press the wires into the gap between the helmet liner and shell.

① ②

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

① ②

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.

① ②

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

General Operation Instructions

Powering On/Off and Charging
Power On
Press and hold the POWER button for about three seconds to power on. The LEDs will blink blue only. You can hear the voice announcement about the 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 and then off.

Charging
Plug the micro USB cable into the USB port to charge by any DC 5V power supply, such as a mobile phone charger, computer, laptop power bank, 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. 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 the 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 the Stereo Bluetooth Adaptor for pairing
Step 2. Put the 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-B4FMmainunit when pairing is complete.

Pairing Bluetooth GPS Navigation
Step 1. The paring procedure is the same as "Pairing Mobile Phones"

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.

Controls and Functions

Volume and Music Control

You can easily adjust the volume by pressing the Volume- and Volume+ buttons. 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 the next track, and press and hold the Volume+ Button to go to the previous track. Note: When in music stream mode from a Smartphone, you will need to adjust the
volume on your smartphone as well to get a louder volume.

Safe Mobile Phone Calls – Incoming and Outgoing
Answer incoming calls

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 automatic incoming phone call answer feature by pressing and holding both the power button and intercom button for 3 seconds, you can see a red light flash 3 times when disabled, or you can see a blue light flash 3 times when enabled.

Reject incoming call

Press and hold the Power button for two seconds.

End the active phone call

Press the Power button to end a phone call.

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.

The last phone call number was 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.

Bluetooth Intercom Talk

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

Before pairing units for communications before riding. We strongly suggest that existing connections be cleared from the unit. To clear existing connections, press and hold the volume + and volume – together until the red LED flashes, and all previous connections are cleared from the unit. 1)
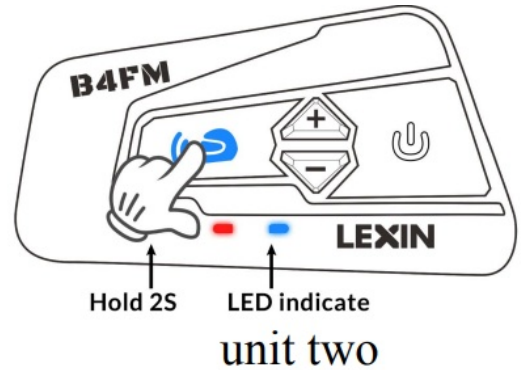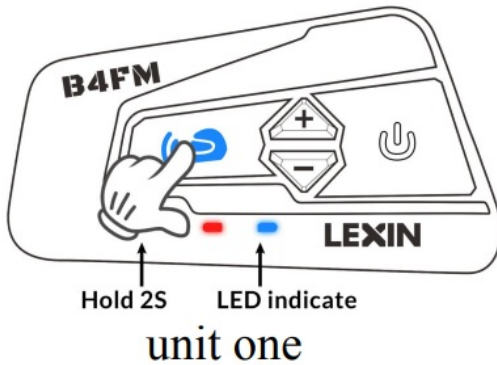

Pairing two LX-B4FM headsets to talk

unit one   unit two

## 2 Rider Full Duplex Intercom Chatting

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.
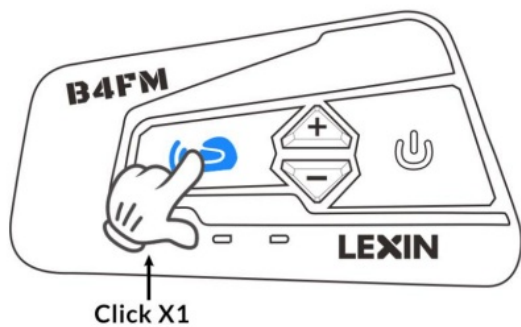

unit one   unit two

Click 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 flash.

unit one or unit two   unit one and unit two
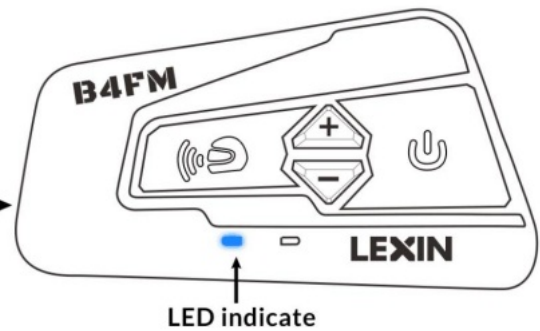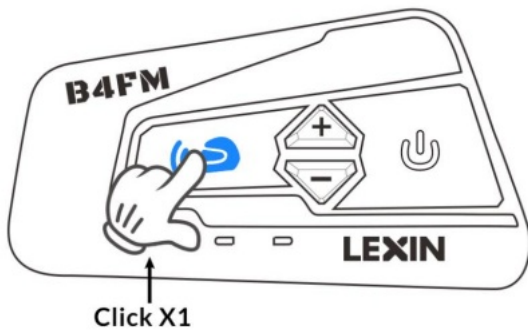
Step 2. Start an intercom talk
Click the Intercom button on one unit to start an Intercom talk. Wait three to five seconds for the unit to connect. When in Intercom mode, you can see both blue and red LED blinks simultaneously.
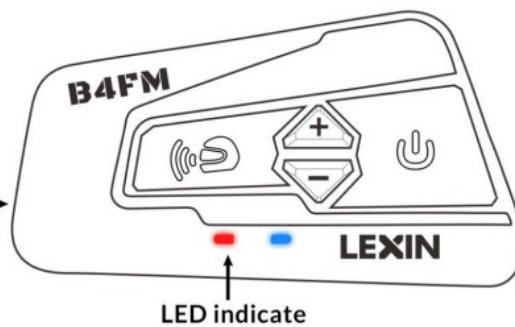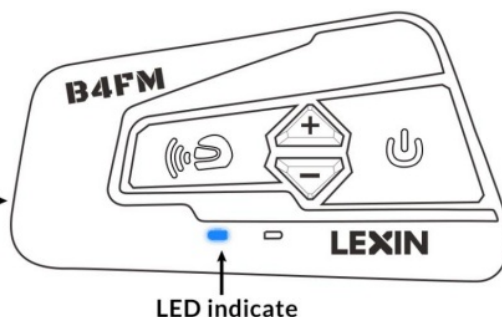
unit one or unit two → unit one and unit two

Step 3. Disconnect an intercom talk Click the Intercom button on one unit again to quit the intercom. After disconnecting you will see a blue LED flash on both units.
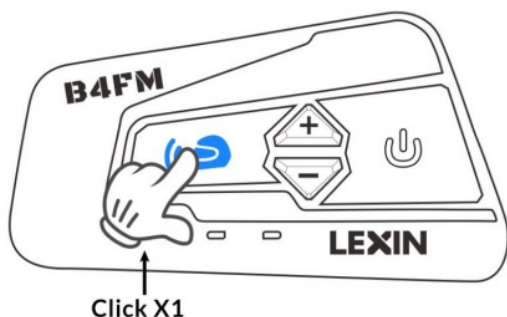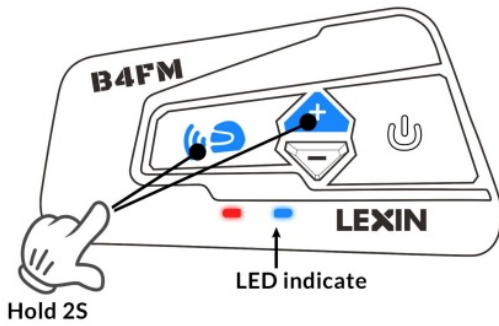

unit one or unit two → unit one and unit two

**Pairing three LX-B4FM headsets to talk**

end unit one ●   bridge unit two ●   end unit three ●

3 Rider Full Duplex Intercom Chatting

Tips: Before pairing, please mark different numbers and colors (red or blue) on each LX-B4FM unit like the above photo for a better understanding of the 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+ buttons on both units for two seconds to enter pairing mode for channel 1 until the red and blue LED on both units flash.
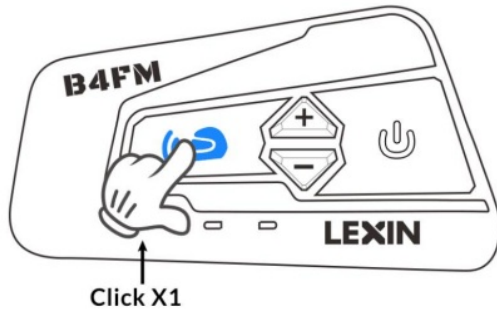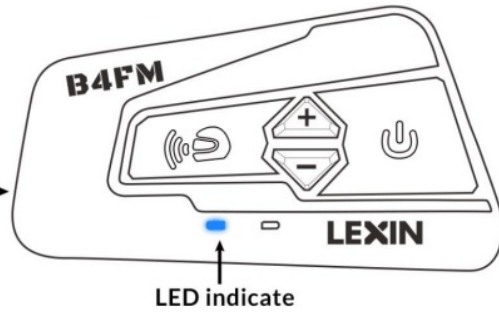
unit one
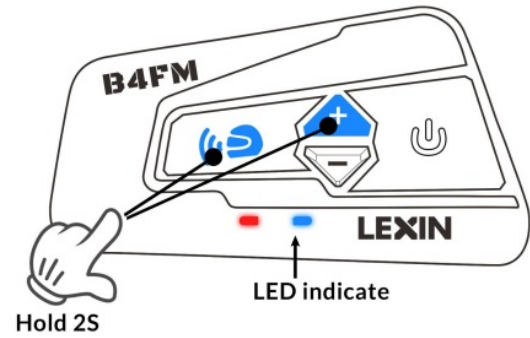
unit two

Then click the Intercom button on either unit, the blue LED will flash quickly on this unit.
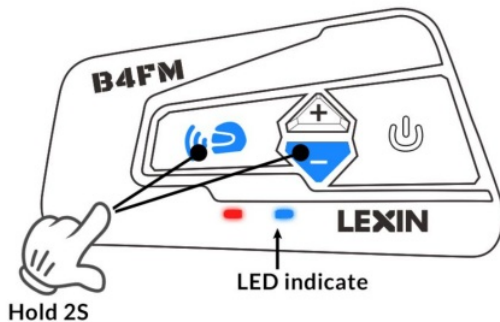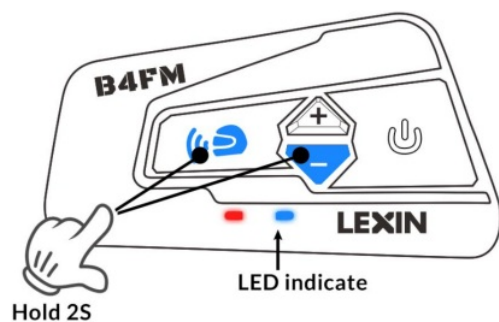

unit one or unit two

unit one and unit two

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).
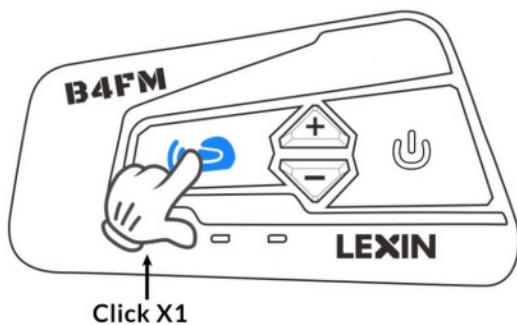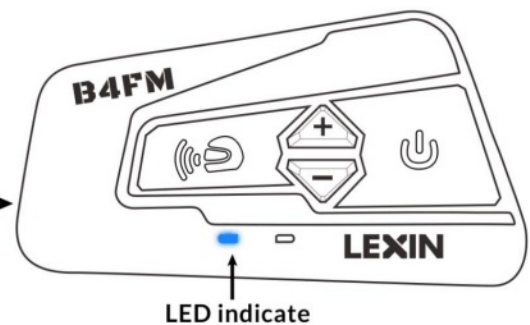

unit two

unit three

Simultaneously hold the Intercomand V- button on both unit two and unit three for two seconds until the red and blue LED flash enters 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.
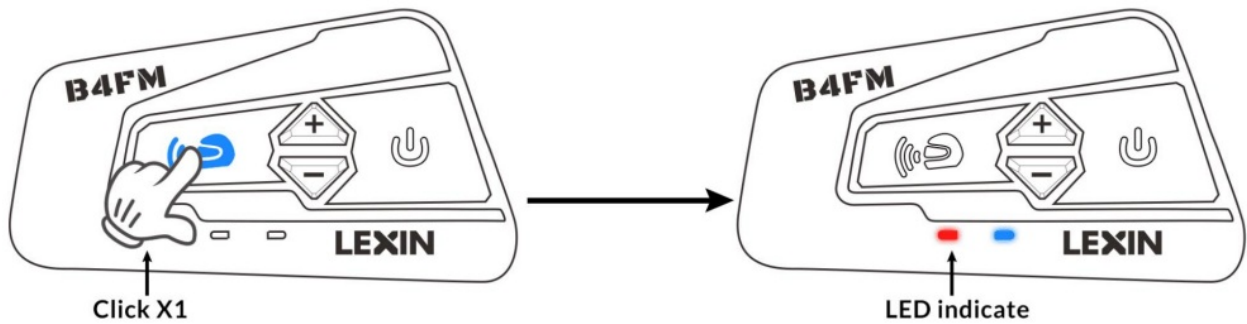

unit two or unit three
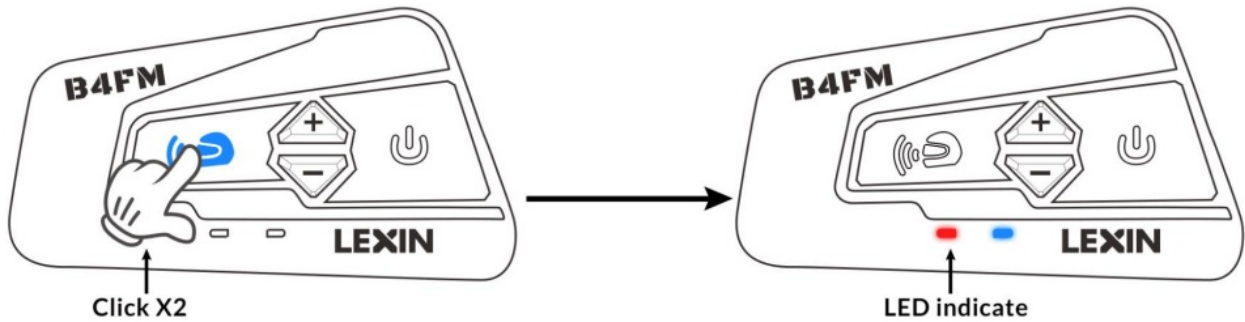

unit two and unit three

Step 3 Start 3-way intercom talk After all three units are paired, unit two (red mark) will be set as the bridge unit.

Click X1

unit one or unit two

LED indicate

unit one and unit two

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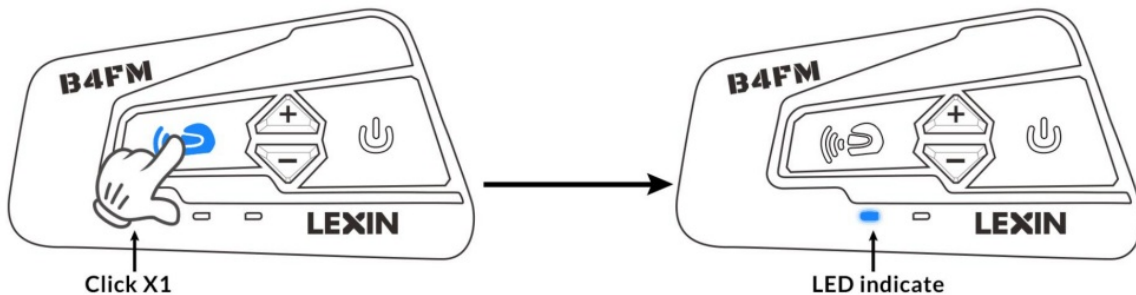

Click X2

unit two or unit three

LED indicate

unit two and unit three

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 blinks simultaneously on each unit.

Step 4 Disconnect the intercom talk Use the Intercom button again to disconnect the intercom talk.

Click X1

unit one or unit two

LED indicate

unit one and unit two

Click the Intercom button on unit one or unit two to disconnect the two units, while unit two and unit three stay connected. Double-click the Intercom button on unit three or unit two to disconnect the two units. Then all three units will be disconnected.

Click X2   LED indicate

unit two or unit three   unit two and unit three
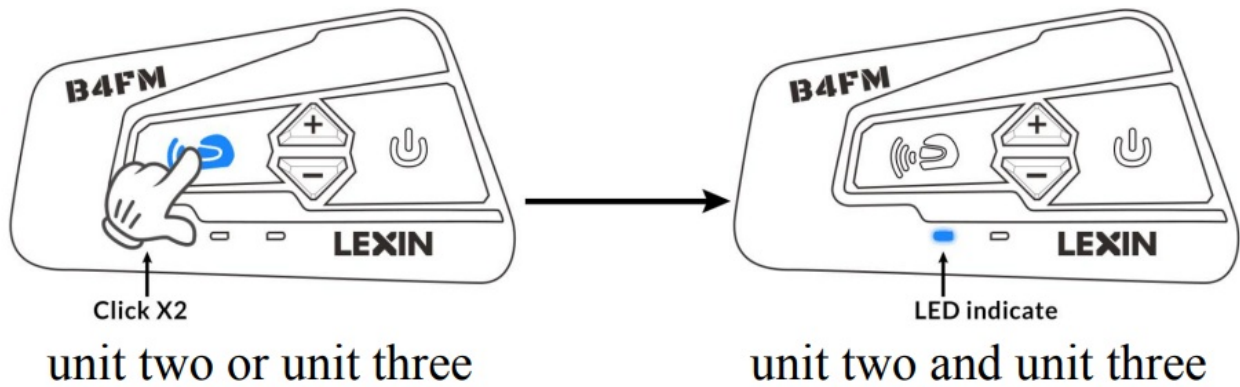
Important Note: The Bridge unit cannot be connected with a Bluetooth device (phone or GPS) while it is being used as an Intercom Bridge unit. 3)

Pairing four LX-B4FM headsets to talk

end unit one ●   bridge unit two ●   bridge unit three ●   end unit four ●

4 Rider Full Duplex Intercom Chatting

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

Step 1 Pairing the two bridge units first Power on unit two (red mark) and unit three (red mark), will be set as bridge units. Simultaneously hold the Intercom and V- buttons on both units for two seconds until the red and blue LED flash to enter pairing mode for Channel 2.

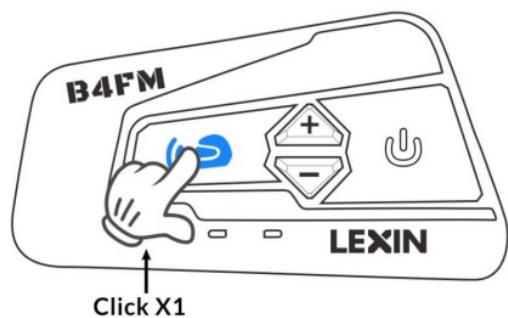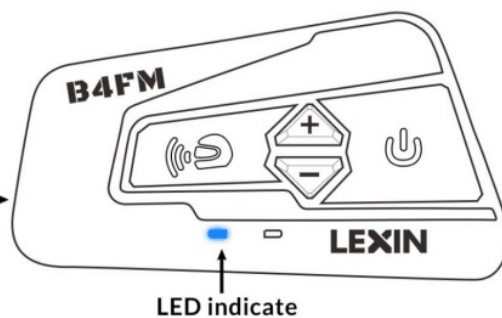Hold 2S   LED indicate   Hold 2S   LED indicate
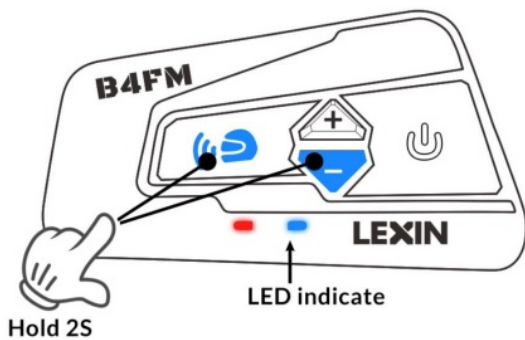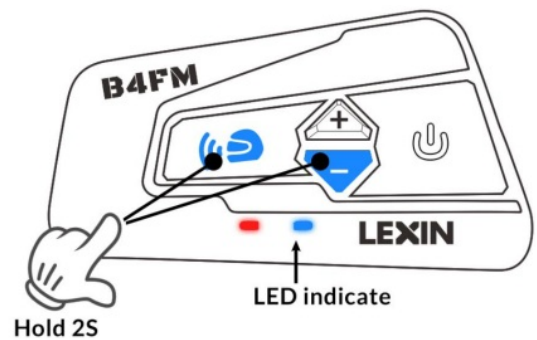
unit two   unit three

Then press the Intercom button on either unit, and the blue LED will flash quickly on this unit.

unit two or unit three → unit two and unit three

Once the pairing is complete you will see the blue LED blink on both units.

Step 2 Pairing the bridge units with end units Power on unit one (blue mark), simultaneously hold the Intercomand V+ button on both unit one and unit two for two seconds until the red and blue LED of both units flashes to enter pairing mode for Channel Then press the Intercom button on either unit.
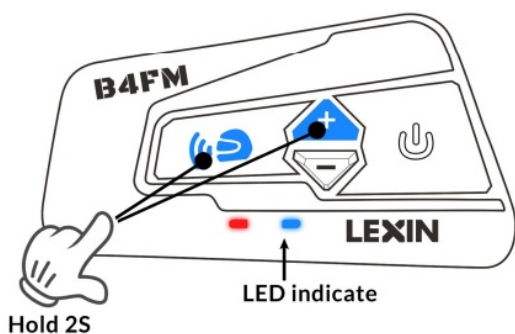
unit one
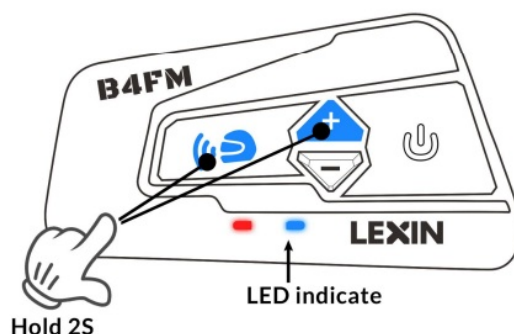
unit two

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

unit one or unit two → unit one and unit two

Power on unit four (blue mark). Simultaneously hold the Intercomand 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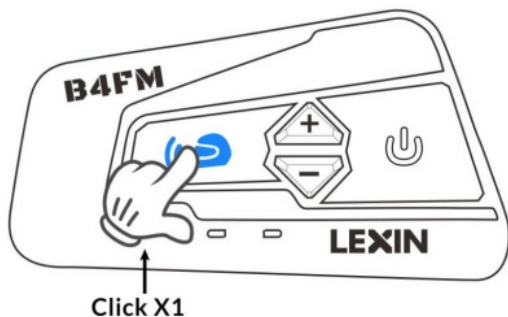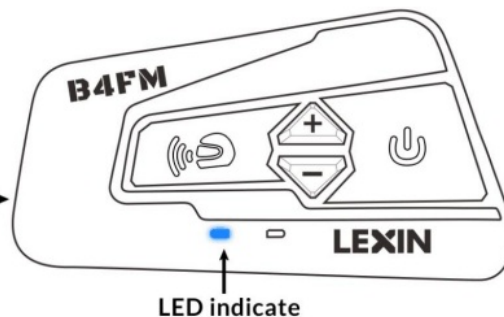 for Channel 1 Then Click the Intercom button on either unit, and the blue LED will flash quickly on this unit. Once the pairing is complete you will see the blue LED blink on both units.
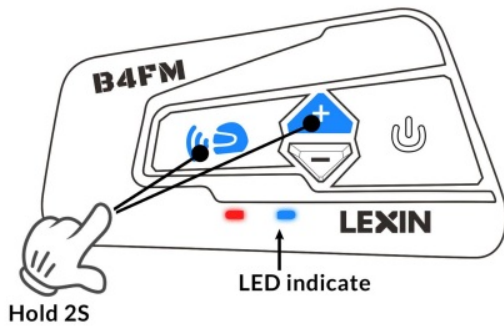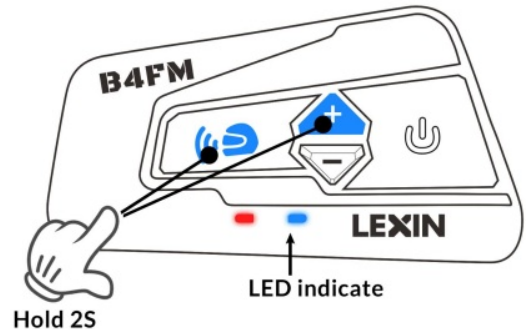
Step 3

unit three

unit four

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. Double-click the Intercom button on unit two or unit three to connect the two bridge units.
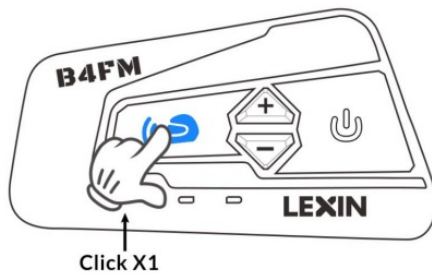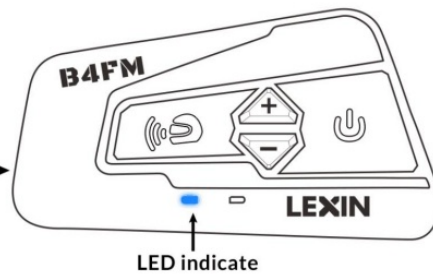
unit three or unit four → unit three and unit four

Click the Intercom button on unit one or unit two to connect the two units.
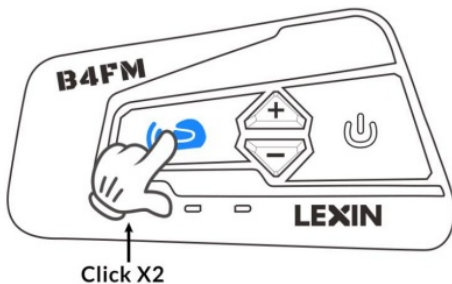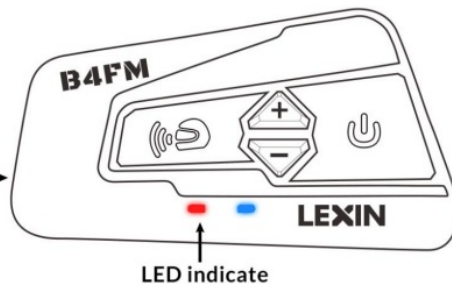
unit two or unit three → unit two and unit three

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

unit three or unit four → unit three and unit four

Note: When in conference intercom talk, you can see both blue and red LED blinks simultaneously on each unit. Step 4 Disconnect the intercom talk 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 stays connected to unit one, and unit three stays connected with unit four.

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

Click X1
unit one or unit two

LED indicate
unit one and unit two

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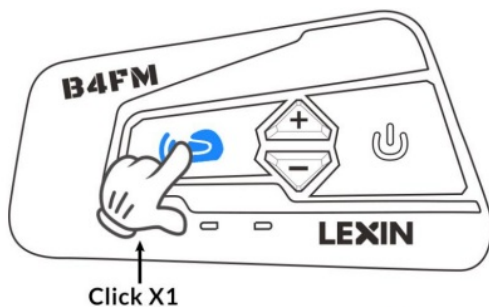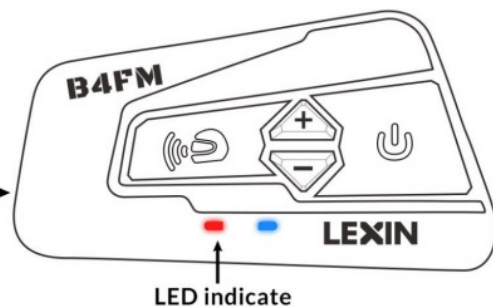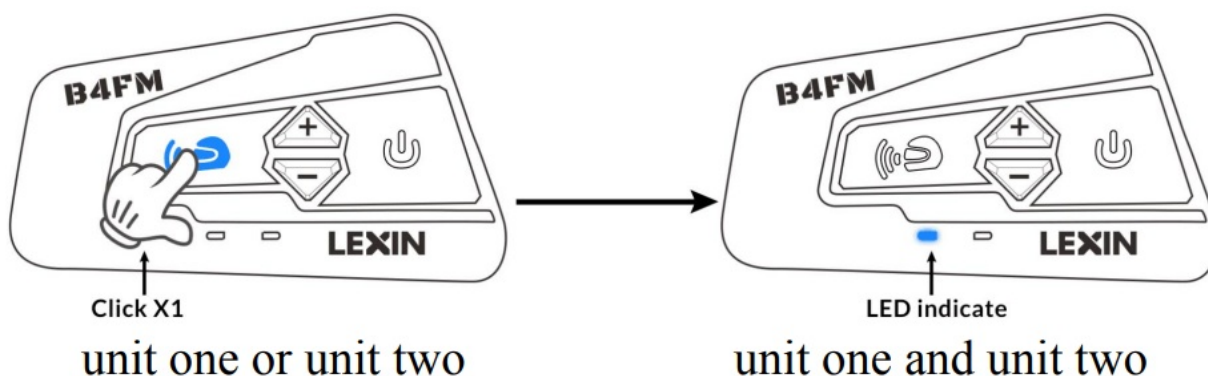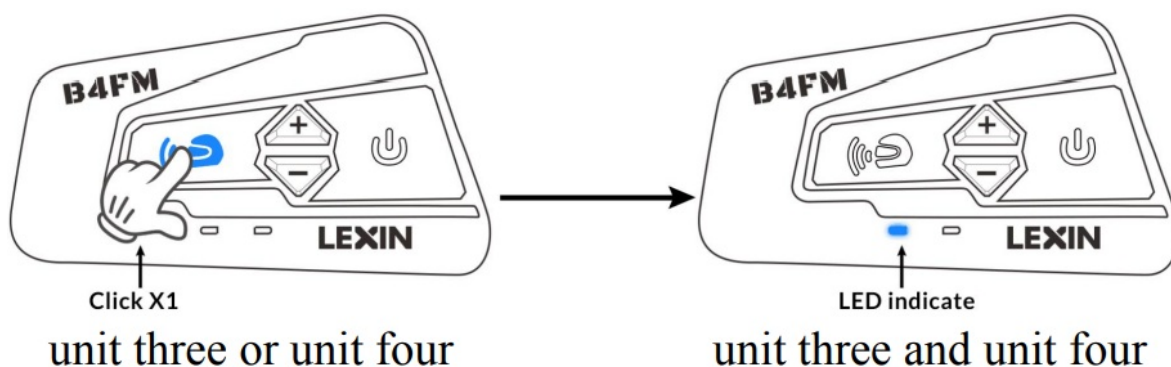

Click X1
unit three or unit four

LED indicate
unit three and unit four

Tips: To connect Bridge units, double-click the Intercom button. To connect the bridge unit with the End unit, press 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 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 instructions to reconnect the other disconnected unit when it is back in the 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-B4FMautomatically tries to reconnect the Intercom rider every eight seconds, and you will hear high-tone double beeps until the connection is re-established.

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 connecting 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 to a Bluetooth device (phone or GPS) while it is being used as an Intercom Bridge unit

Universal Pairing
While pairing with other brand intercom headsets if needed, the pairing operation is the same as two-way intercom pairing. But it is different to start the intercom talk with other brand intercom headsets, you need to press both volume + and Volume – simultaneously to initiate the intercom from our unit. To end the intercom, simply press the power button. 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 the Volume+ or Volume– button to adjust the volume – Press the Power button to play/pause the music.

FM Radio

Press and hold the Volume- button for two seconds to enter FM radio mode, then double-click the Volume+ or the 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.

Reset

To clear the previous pairing, press Volume+, and Volume– buttons simultaneously until the LED flashes red. Battery Life Prompt Current battery life can be checked by holding the Volume+ button. A voice will announce the level of charge.

Maintenance and Care

The LX-B4FM should be treated with care and the following suggestions will help maintain your Warranty. Do not use or store the device in dusty or dirty environments. Moving parts and electronic components can be damaged. 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. 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. Do not attempt to open the LX-B4FM case. Do not drop or knock the device. Rough handling can break internal circuit boards and fine mechanics. Do not use harsh chemicals, cleaning solvents, or strong detergents to clean the device. 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.

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, under 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 by 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 the receiver.

- Connect the equipment to 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 the 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, LEXINdeclares that this product complies with the essential requirements and other relevant provisions of Directive 1999/5/EC.

Warranty

LEXIN warrants that this product shall conform to and perform by published technical specifications and the accompanying written materials, and shall be free of defects in materials and workmanship, for 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. The 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.

Waiver and General Release
By using the Product, you will waive substantial legal rights including the right to use. 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.

You, your heirs, legal representatives, successors, or assigns, hereby voluntarily and forever release discharge, indemnify, and hold harmless LEXIN from any litigation, claims, debts, demands, actions, and liability that 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 FROMTHE 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 the 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 of using 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.

You fully acknowledge our warnings and understand that:

- 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;
- These risks and dangers may be caused by the negligence of the manufacturers or their agents or any third-party

  involved in designing or manufacturing the Product;
- 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.

Download PDF: [LEXIN L-X-B4FM Motorcycle 4-Way Conference Intercom User Manual](#)

References

- **[User Manual](#)**