



ChatterBox BiT-3 Wireless Bluetooth Helmet Communicator Owner's Manual

[Home](#) » [ChatterBox](#) » ChatterBox BiT-3 Wireless Bluetooth Helmet Communicator Owner's Manual 

Contents

- 1 ChatterBox BiT-3 Wireless Bluetooth Helmet Communicator Owner's Manual
- 2 GETTING STARTED
- 3 Main features
- 4 Package contents
- 5 Battery Charging
- 6 Battery
- 7 INSTALLATION
- 8 Speaker and microphone installation
 - 8.1 Installation of BiT-3 using cradle
- 8.2 BUTTONS AND INPUTS
- 8.3 BASIC FUNCTIONS
- 8.4 MOBILE-PHONE CONNECTION
- 8.5 Mobile-phone Pairing
- 8.6 Second mobile-phone pairing
- 8.7 New mobile-phone (the third phone) replacement
- 8.8 MODE CHANGE
- 8.9 Phone Mode :
- 8.10 PHONE FUNCTIONS
- 8.11 MUSIC MODE
- 8.12 FM RADIO MODE
- 8.13 INTERCOM MODE
- 8.14 Intercom Pairing
- 8.15 Intercom Connection / Disconnection
- 8.16 Automatic disconnection
- 8.17 UNIVERSAL INTERCOM PAIRING
- 8.18 Universal Intercom pairing method when BiT-3 becomes master
- 8.19 Universal Intercom Connection / Disconnection
- 9 Automatic disconnection
 - 9.1 VOX (Voice to switch to intercom mode)

- 9.2 Rebooting
- 9.3 Factory default reset
- 9.4 SOFTWARE UPGRADE
- 9.5 SUPPORT
- 9.6 Precaution
- 9.7 Limited warranty
- 9.8 Reasons for limited liabilities
- 10 Liabilities disclaimer
 - 10.1 Technical Specification
 - 10.2 Customer service center in USA
 - 10.3 Customer service center in EUROPE
 - 10.4 FAQ (Frequently Asked Questions)
 - 10.5 SIMPLE MANUAL
 - 10.6 BASIC FUNCTIONS
 - 10.7 MOBILE-PHONE CONNECTION
 - 10.8 Mobile-phone Pairing
 - 10.9 Second mobile-phone pairing
 - 10.10 New mobile-phone (the third phone) replacement
 - 10.11 MODE CHANGE
 - 10.12 Phone Mode :
 - 10.13 PHONE FUNCTIONS
 - 10.14 MUSIC MODE
 - 10.15 FM RADIO MODE
 - 10.16 INTERCOM MODE
- 11 Intercom Pairing
 - 11.1 Intercom Connection / Disconnection
 - 11.2 Automatic disconnection
 - 11.3 UNIVERSAL INTERCOM PAIRING
 - 11.4 Universal Intercom pairing method when BiT-3 becomes master
 - 11.5 niversal Intercom pairing method when third-party product becomes master
 - 11.6 Universal Intercom Connection / Disconnection
 - 11.7 Automatic disconnection
- 12 Switching between intercom mode and Universal Intercom mode
 - 12.1 VOX (Voice to switch to intercom mode)
 - 12.2 VOX sensitivity setting
 - 12.3 LANGUAGE
 - 12.4 Language Setting
 - 12.5 RESET
 - 12.6 Rebooting
 - 12.7 Factory default reset
 - 12.8 SOFTWARE UPGRADE
 - 12.9 SUPPORT
 - 12.10 Precaution
 - 12.11 Limited warranty
 - 12.12 Reasons for limited liabilities
 - 12.13 Limitation of liability
 - 12.14 Liabilities disclaimer
 - 12.15 Technical Specification
 - 12.16 Customer service center in USA
 - 12.17 Customer service center in EUROPE
 - 12.18 FAQ (Frequently Asked Questions)
 - 12.18.1 Read More About This Manual & Download PDF
 - 12.19 Documents / Resources

ChatterBox BiT-3 Wireless Bluetooth Helmet Communicator Owner's Manual



GETTING STARTED

Thank you for choosing our ChatterBox BiT-3, Bluetooth Communication System for bike helmet.

Main features

- Bluetooth V 1
- 1:1 intercom maximum range up to 400 meters (Refer to FAQ)
- Universal Intercom
- FM radio
- 5 Languages Voice Prompt (English, French, German, Italian, Spanish)
- Water Resistance
- Dual pairing with two Bluetooth devices (Mobile-phone, MP3, Navigation)

Package contents

- Main unit with a pre-installed battery
- USB charging cable
- Microphones for both open-face and full-face
- Speaker, Velcro for speakers, Velcro for microphones, foam microphone-covers
- Helmet mounting bracket, cradle, 2 screws and L-wrench
- User manual

Battery Charging

Connect the supplied USB cable into a PC or wall charger.

Be sure to charge the product using the charging cable provided. Charge with a normal charger of 5V or less than 1.2A. Using a high-speed charger for mobile-phones or a supplementary battery with high-speed charging (9V, higher than 1.2A) may inflate the battery, cause explosion, or damage internal circuits.

With normal charger, it takes 2.5~3 hours to fully charge. Charging time depends on the temperature. The red LED flashes while in charging and the blue LED lights and stay showing the charging is done. If the charging is finished disconnect the charging cable. Over charging may cause battery inflation.

You can charge BiT-3 with a power bank while you are using it. In this case, red LED and purple LED (red and blue LED at the same time) flashes alternately. When the charging is finished, blue LED flashes.

Battery

Always keep your battery charged enough. Every battery discharge by itself naturally. If the battery was discharged and not charged for a long time, the voltage drops under 2.0V, the battery cannot be charged again. In this case, you need to replace the battery if battery replacement is applicable. However, this replacement cannot be covered by the warranty.

Lithium Polymer battery has a protection circuit (PCM) inside. A battery with the voltage dropped under 2.0V needs high voltage with high current to recharge it. Protection circuit blocks this high current, so the battery cannot be charged.

Do not disassemble the product or disconnect the battery. It may cause product failure.

Battery capacity may be reduced depending on environmental factors and usage. Life cycle of Lithium Ion, Lithium Polymer battery, manufacturer guarantees only 300 times of full charges and discharges.

Use or store the product at -15°C and +50°C. Higher or lower temperatures may cause reduced battery capacity, battery life, or temporary inactivity.

Long exposure of the product to direct sunlight may cause circuit failure or battery failure.

Do not use product damaged by impact, circuit or battery failure may occur.

INSTALLATION







Speaker and microphone installation

Two microphones for both open-face helmet and full-face helmet are provided. Please choose the one that you intend to use for the type of your helmet.

- ① Remove the inner pad of the helmet where you want to locate the speakers and microphone.
- ② Make sure to clean inside of your helmet with alcohol and fully dry the spot where you want to put the Velcro for the speakers and microphone.
- ③ For open-face helmet, attach soft Velcro disk inside of the helmet at chin level and place the boom-microphone on it. Additionally, fix the boom-stick by using the butterfly shaped holder to support it.
- ④ For full-face helmet, attach soft Velcro disk on the chin bar of the helmet and attach hard Velcro disk to the microphones.
- ⑤ Mount the soft Velcro disks on the liner of your helmet, in the indentation of the helmet padding, where your ears would line up. For the best sound quality, be sure to locate the speakers to the right location.
- ⑥ Attach the right speaker (with the longer wire) to the corresponding Velcro disk that you applied on the helmet liner. Attach the left speaker (with the shorter wire) to the other Velcro disk.
- ⑦ Re-install removed inner pad back on the helmet.

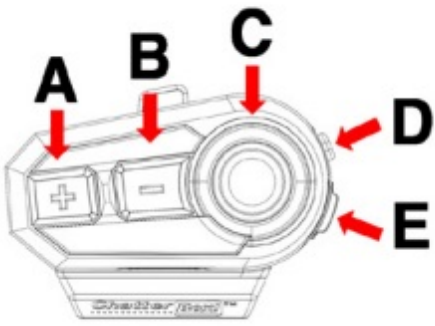
CAUTION : Changing the position of the Velcro stickers for speakers and microphones more than one time may result in poor adhesion. (You can purchase Velcro separately from our website.)

Open-face microphone	Full-face microphone
	
Speakers	Cradle and Bracket
	

Installation of BiT-3 using cradle

- ① Prepare the provided cradle, bracket, screws and L-wrench.
 - ② Attach the metal bracket to the cradle using screws but do not fully tighten at this stage.
 - ③ Slide the bracket iron plate into the gap between the helmet shell and the inner pad.
 - ④ Now tighten the screws on the bracket to fit the cradle to the helmet firmly using the L wrench.
 - ⑤ Connect the microphone and speakers to the cradle. Be careful to match the arrow on the connecting plug and jack.
 - ⑥ Insert the guide fin on the back of the product along the slide of the cradle and push it down until you hear the 'click' sound.
- CAUTION : Over-tightening the screws may cause the slide to bend and make it difficult to fit the product

BUTTONS AND INPUTS

	A	PLUS (+) button
	B	MINUS (-) button
	C	FUNCTION button
	D	POWER button
	E	USB port

BASIC FUNCTIONS

Power On : Long press POWER button for 3 seconds.

Power Off : Long press POWER button for 6 seconds.

❖CAUTION : The power operation cannot be resumed for 8 seconds after the power is turned on or off. Please try again after 8 seconds.

Volume Up : Press the PLUS (+) button at intervals of longer than 0.5 seconds.

Volume Down : Press the MINUS (-) button at intervals of longer than 0.5 seconds.

❖CAUTION : Fast pressing twice in less than 0.5 seconds will result in the next / previous song selection in Music mode or channel search on FM radio mode.

Automatic Power-Off : If you do not operate the unit for longer than 60 minutes, the unit will automatically turn off to save the battery.

Voice Command : After stopping Music or FM Radio, press and hold the PLUS (+) button at the same time for more than 1 second to use the voice recognition feature (Siri, S-voice, etc.) within your mobile-phone. The voice recognition feature on your mobile-phone must be enabled.

MOBILE-PHONE CONNECTION

Mobile-phone Pairing

- ① Make sure your BiT-3 unit is powered off.
 - ② Press and hold POWER button for 8 seconds until the LED turns and flashes in red and blue alternately.
 - ③ Turn on the Bluetooth function in your mobile-phone and search and select the name of the unit (ChatterBox BiT-3 Vxx)
 - ④ Certain mobile-phones may require a password <Password: 0000>
 - ⑤ After pairing is completed, the blue LED slowly flashes twice.
 - ⑥ After pairing is finished, turn the power of the unit off and turn on the unit again to prevent a sudden volume increase.
- ✳️NOTE for iPhone users: After the pairing is done, please set the unit at the minimum volume level to prevent sudden volume increase.

Second mobile-phone pairing

Pairing sequence is exactly the same as the first mobile-phone pairing.

✳️CAUTION: Please make sure that you turn off the Bluetooth function of the first paired-mobile phone before starting the second mobile-phone pairing.

New mobile-phone (the third phone) replacement

- ① Turn off one of the previously paired mobile-phone's Bluetooth function or delete one the paired unit's name (ChatterBox BiT-3 Vxx) from the connected Bluetooth device list on the mobile-phone settings.
- ② Pairing sequence is exactly the same as the first mobile-phone pairing.

MODE CHANGE

Music Mode : Short press the MAIN FUNCTION button twice.

FM Radio Mode : Short press MAIN FUNCTION button twice.

Mode : Short press POWER button once.

Phone Mode :

To answer an incoming call, short press MAIN FUNCTION button once in any mode.

To redial the last number called, long press the MINUS (-) button for longer than 1 second in music mode or FM radio mode.

To make a call using the voice command function in your mobile-phone, press and hold the PLUS (+) button for more than 1 second in music mode or FM radio mode.

PHONE FUNCTIONS

Answering an incoming call : Short press MAIN FUNCTION button.

Rejecting an incoming call : Long press MAIN FUNCTION button for 1 second. **Hanging up the call :** Long press MAIN FUNCTION button for 1 second. **Automatic answering :** An incoming call which remains idle for more than 20 sec- onds will be answered automatically.

the current call, answering another incoming call : Short press MAIN FUNCTION button for 1 second.

While in calling, rejecting another incoming call : Long press MAIN FUNCTION button for 1 second.

Last number redialing : Long press MINUS (-) button for 1.5 seconds after music is stopped or FM radio is muted. d hold PLUS (+) and MINUS (-) buttons simultaneously for longer than 1.5 seconds, then the call switches to your mobile-phone. Doing the same operation will switch your mobile-phone paired to your BiT-3 again.

MUSIC MODE

Entering / Exiting music mode : Short press the MAIN FUNCTION button twice.

Music Play / Stop : Short press MAIN FUNCTION button. **Moving to next song** : Double press PLUS (+) button.

Moving to previous song : Double press MINUS (-) button.

Switching music play between two paired mobile-phones: Long press MAIN FUNCTION button for 1 second (short press MAIN FUNCTION button again to play music from your second mobile-phone.)

If two mobile-phones are connected, a delay in music playing might occur.

For certain types of mobile-phone, music volume can be controlled simultaneously or separately.

FM RADIO MODE

Entering / Exiting radio mode : Short press MAIN FUNCTION twice.

Playing / Muting radio : Short press MAIN FUNCTION once.

Scanning channel up : Double press PLUS (+) button. **Scanning channel down** : Double press MINUS (-) button.

Saving channel : After a channel is selected, within 10 seconds, long press MAIN FUNCTION button for longer than 2 seconds. Eight channels can be saved.

Saved channel up : Long press PLUS (+) button.

Saved channel down : Long press MINUS (-) button.

INTERCOM MODE

Intercom Pairing

- ① Be sure both BiT-3 units are powered off.
- ② Place two units to be paired close to each other.
- ③ Press and hold POWER buttons of both units for 8 seconds until the LED flashes in red and blue alternately.
- ④ Short press the POWER button of any one of two units which becomes master unit. You can hear "Intercom Mode 1" announcement and the red LED flashes fast indicating intercom pairing started. (Do not press POWER buttons of those two units at the same time)
- ⑤ After pairing is completed, the blue LED slowly flashes twice.
- ⑥ After the intercom pairing is completed, turn both BiT-3 units off and turn on again before making an intercom call.

Intercom Connection / Disconnection

Short press POWER button once will finish intercom mode and automatically bring the unit back to the previous mode (music mode or FM radio mode).

Automatic disconnection

When two BiT-3 are using intercom mode, if they are separated in a distance, you can hear a beep sounds every 15 seconds. This beep sounds last 2 minutes and intercom mode is disconnected automatically and goes back to music mode or FM radio mode. If you want to connect intercom again, short press POWER button once. (disconnecting distance subject to the environment)

UNIVERSAL INTERCOM PAIRING

Universal Intercom is a 1:1 communication connecting with other brand product. Before starting the Universal Intercom connection, be sure to make BiT-3 to be the master. In case the other brand intercom becomes the master, we cannot give you the explanation.

Universal Intercom pairing method when BiT-3 becomes master

- ① Make sure the power of the BiT-3 is turned off.
- ② Press the POWER button for 8 seconds until the red and blue LEDs flash alternately.
- ③ Pressing the POWER button of BiT-3 twice will cause the blue LED to flash rapidly and you can hear “Intercom Mode 2” voice prompt and the unit enters into Universal Intercom Pairing mode.
- ④ Now, the BiT-3 is ready for Universal Intercom pairing with the other brand intercom as a slave. Please refer to the Universal Intercom pairing method of the manual of the other brand intercom. Mostly, entering mobile-phone pairing mode from the other brand intercom would work. Universal Intercom pairing method when third-party product becomes master

Please refer to the user manual of the third-party product for entering Universal Intercom pairing mode.

Universal Intercom Connection / Disconnection

Short press POWER button twice will finish Universal Intercom mode and automatically brings the unit back to the previous mode (music mode or FM radio mode).

Automatic disconnection

When a BiT-3 (master) and other brand intercom are connected in Universal Intercom mode, if they are separated in a distance, you can hear beep sounds every 5 and 15 seconds. These beep sounds last 2 minutes and Universal Intercom mode is disconnected automatically and goes back to music mode or FM radio mode. When the other brand intercom comes close enough for reconnection, you can hear “Bluetooth connected”. If you want to connect the Universal Intercom again, short press POWER button twice.

Switching between intercom mode and Universal Intercom mode

While your BiT-3 is intercom paired with another BiT-3 and Universal Intercom paired with the other brand intercom. In the standby mode, pressing the POWER button once will make your BiT-3 to be connected with another BiT-3 in the intercom mode, pressing the POWER button twice quickly makes your BiT-3 to be connected with the other brand intercom in the Universal Intercom mode.

VOX (Voice to switch to intercom mode)

VOX is a function to switch mode using voice from music mode or FM radio mode into intercom mode without using the POWER button

Activating VOX : In music mode or FM radio mode, shouting loudly will activate the VOX and switch to intercom mode. The loudness of voice shall depend on the VOX sensitivity setting.

VOX sensitivity setting

Pressing PLUS (+) and MINUS (-) buttons simultaneously for 5 seconds will change VOX sensitivity in turns: VOX 0 → VOX 1 → VOX 2 → VOX 3 → VOX 0. VOX 0: VOX off – disables VOX function.

VOX 1: Highly sensitive. There is a risk of VOX operating even by small noise. VOX 2: Normal sensitive. (factory default setting)

VOX 3: Less sensitive.

LANGUAGE

BiT-3 provides five languages (English, French, German, Italian, and Spanish) for voice prompt.

Language Setting

- ① Make sure the BiT-3 is powered off.
- ② Long press the POWER button for 8 seconds until the red and blue LEDs flash alternately.
- ③ Short press PLUS (+) and MINUS (-) button simultaneously for 1 second.
- ④ Language up: short press PLUS (+) button.
- ⑤ Language down: short press MINUS (-) button.
- ⑥ Save selected language: short press MAIN FUNCTION button

RESET

Rebooting

Reboot the unit when the function stops working or if you cannot turn off the power of the unit. To reboot the unit, insert USB charging cable while pressing MINUS (-) button.

The pairing information, language, and saved FM radio channels will not be deleted.

Factory default reset

To initialize all settings and set the unit back to the factory default setting, long press MAIN FUNCTION button and MINUS (-) button at the same time for 8 seconds

All saved information of pairing, saved FM radio channels, and language setting will be deleted.

SOFTWARE UPGRADE

Download the new version of the software available from the ChatterBox website(www.chatterboxglobal.com)

The method how to install the software is given at the homepage.

SUPPORT

Precaution

- Although BiT-3 is Water Resistance, please keep the product away from heavy rain and water. Exposing the product to heavy rain or water for a long time may result in damage to the
- Store or use the product at temperatures of -15°C ~ +50°C. Too high and too low temperatures may damage, shorten capacity and life of the battery, or may cause the product to be
- Keep the product out of direct Exposing the product to direct sunlight may damage the electrical circuit and battery. It is particularly dangerous to expose the product to direct sunlight in a closed vehicle in summer.
- Do not apply any physical impact to the It may cause circuit and battery prob- lem.
- Do not disassemble the It may cause a serious functional disorder and disas- sembled unit will not be able to have the warranty service.
- Poor handling, physical impact, electrical shock, dropping or rough handling may cause a functional failure and result in a serious damage to the product.
- Do not use chemical cleansers such as Benzol, Acetone and do not apply any type of strong chemicals to clean the product.
- Keep the product away from the reach of children and
- Keep the product away from heating appliances such as stove, gas-stove, micro- wave , It may explode.
- Do not try to operate the product while operating a This behavior may lead to a very dangerous accident.

- If the unit seems to be damaged or malfunctioning, stop using immediately and contact the service center.
- Prolonged exposure to a loud sound may damage your eardrums and cause hearing problem.

Failure to comply with the precautions above will lead to product damage and/or malfunction.

Please read the instructions before using the product.

Designs, features, and functions are subject to change for improvement.

Limited warranty

Our limited warranty can cover only 24 months for the main unit and 12 months for the battery and accessories. The warranty period starts at the time of the original purchase by the first end-user. You can register at ChatterBox website (www.chatterboxglobal.com) for warranty services with your purchase receipt. In case of returning via courier, the end-user must be able to return the defective product with its original package along with a copy of the original purchase receipt from the store where the purchase was made. The warranty service will be provided through the store where the first purchase was made. If you have difficulty contacting the store, please contact us at the provided contact information in this manual

Reasons for limited liabilities

If you do not return the product after claiming, you relinquish all rights to liabilities, loss, claims, and claims for reimbursement of expense (including attorney's fees). Therefore, Chatterbox will not be liable for physical injury, death, or any loss or damage of transportation means, possessions, or assets which belong to you or third parties that may have occurred while you use the product. Further, ChatterBox will not be liable for any substantial damage not related to the condition, environment, or malfunction of the product. All risks related with the operation of the product depend entirely on the user regardless of its use by the initial purchaser or a third party. Use of this product may violate local or national laws. In addition, be aware once again that correct and safe use of the product is entirely your responsibility. Limitation of liability

To the full extent allowed by law Chatterbox excludes itself and its suppliers from any liability, whether based on contract or tort (Including negligence) for incidental, consequential, indirect, special, or punitive damages of any kind, or for loss of revenue or profits, loss of business, loss of information or data or their financial loss arising out of, in connection with the sale, installation, maintenance, use, performance, failure, or interruption of its products, even if ChatterBox or its authorized reseller has been advised of the possibility of such damages, and limits its liability to repair, replacement, or refund of the purchase price paid at Chatterbox's option. This disclaimer of liability for damages will not be affected if any remedy provided herein shall fail of its essential purpose. In any case the total compensation liabilities of ChatterBox or its sales agents shall not exceed the price paid for the product by the purchaser.

Liabilities disclaimer

In addition to damages which may occur due to the use of the product, Chatterbox will not be liable for damages of the product which occur due to the following events.

- In the event the product is misused or used for purposes other than its intended purpose.
- In the event the product is damaged because the user does not follow the content of the product manual.
- In the event the product is damaged because it has been left unattended or has undergone any other accident.
- In the event the product is damaged because the user has used any parts or software which are not provided by the
- In the event the product is damaged because the user has disassembled, repaired, or modified it.
- In the event the product damaged by a third

- In the event the product is damaged due to Acts of God (including fire, flood, earthquake, storm, hurricane or other natural)
- In the event the surface of the product is damaged by

Technical Specification

BLUETOOTH VERSION: Ver 4.1

RF POWER: Class2, Class1 BATTERY CAPACITY: 3.7V 550mAh AUDIO POWER: 250mW X 2 CONTINUOUS OPERATING HOURS: 11 hours

STANDBY HOURS : 284 hours/11days OPERATING TEMPERATURES: -15°C ~ +50°C DIMENSIONS: 69 x 37 x 17 mm

WEIGHT: 50g (cradle included) CERTIFICATIONS: FCC, CE, KC Certified

Customer service center in USA

Address: 11627 Telegraph Rd. Suite #103 Santa Fe Springs, CA 90670 USA Website: www.chatterboxusa.com

Customer service center in EUROPE

Address: Talstrasse 39 D-77887-SASBACHWALDEN, GERMANY

FAQ (Frequently Asked Questions)

Q : When I use Intercom, I frequently experience noise and disconnections.

A : Bluetooth Intercom uses 2.4GHz ISM band. This ISM band is being used for many applications, such as Wi-Fi, wireless CCTV, garage door remote control, traffic control signal etc. Therefore, in the city area, there are many ISM band frequencies being used and these cause interferences. If the other ISM band equipment is closer than your intercom partner, there would be noise and disconnections. High voltage power line can also cause the same phenomenon. This phenomenon is inevitable with Bluetooth products.

Q : When I use Intercom, I feel more noise and disconnection toward a certain direction. A : Bluetooth ISM band is also a part of radio frequency. Radio frequency has very

similar character to the light. Radio frequency cannot go through water, soil, rock, metal plate and human body. The human body consists of 70% water. Therefore, Bluetooth communication cannot be connected well through body. This phenomenon can happen when you have your mobile-phone in your back pocket.

Q : Battery life became shorter. A : Life cycle of Lithium Ion, Lithium Polymer battery, manufacturer guarantees only

300 times of full charges and discharges. 300 times of life cycle means, if you use the full capacity of the battery every day, you can use it only for about one year. If you use half of the battery capacity every day, you can use it for about two years. If your battery capacity went down too low and you cannot use it for enough time in your normal usage, please contact our service center to have a battery replacement service.

Q : I cannot use intercom with a range of 400m as described in the specification. A : As described in the answer above, the 2.4GHz ISM band frequency gets much interference by other ISM band applications in the city area. Interference cause noise, dis-

connection and shortened range. This is inevitable since the 2.4GHz ISM band is free of charge and has no obligation of registration. That is why ISM bands are so popular.

However, at the seaside, without any other ISM band interference and no obstacles between two riders, you can have even better range than 400 meters.

Q : I cannot turn on nor charge the product. A : I cannot turn on nor charge the product.

A: If you left the product for a long time after your last use and the battery discharges under 2.0V, you cannot charge the product again. You need to replace the battery at the service center. Also, if you tried to charge the product with fast charger (9V, over 1.2A), the battery or circuit might burn out. In these two cases service cannot be covered by the warranty.

Many other FAQ are well described at our homepage. Please visit our website and read carefully.

SIMPLE MANUAL

MODE	FUNCTION	OPERATION
GENERAL	Power on	Long press POWER button for 3 seconds
	Power off	Long press POWER button for 6 seconds
	Volume control	Short press PLUS (+) or MINUS (-) button
	Change language	In the Smartphone pairing mode, simultaneously long press PLUS (+) and MINUS(-) button
	Change VOX level	Simultaneously press PLUS (+) and MINUS(-) button for 5 seconds
	Factory reset	Simultaneously press FUNCTIONand MINUS(-) button for 8 seconds
	Reboot	While pressing MINUS (-) button, insert USB cable
	Software download	While simultaneously pressing POWER and PLUS (+) buttons, insert USB cable (on power off state)
	Answer call	Short press MAIN FUNCTION button
	Hang up / Reject call	Long press MAIN FUNCTION button

PHONE	Dial the last number call	Long press MINUS (-) button after stopping Music or FM Radio
	Voice Command (Smart- phone's Siri function)	Long press PLUS (+) button after stopping Music or FM Radio
	While being on the phone, switching device between BiT-3 and mobile-phone	While being on the phone, simultaneously press PLUS (+) and MINUS (-) buttons for 1.5 seconds
PAIRING	Smartphone pairing	After pressing POWER button for 8 seconds, search for BiT-3 in the Bluetooth function of the Smartphone
	Intercom pairing	In Smartphone pairing mode, short press POWER button
	Universal Intercom pairing	In Smartphone pairing mode, double-short press POWER button
MUSIC	Entering music mode	Short press the MAIN FUNCTION button twice at FM Radio mode
	Stop / Play	Short press MAIN FUNCTION button
	Next song / Previous song	Double-Short press Plus (+) or Minus (-) button
	Switching music play between two paired mobile- phones	Long press MAIN FUNCTION button
	Entering FM Radio mode	Double-Short press MAIN FUNCION button at MUSIC mode

FM RADIO	Searching channel	Double-Short press Plus (+) or Minus (-) button
	Play / FM Radio mute	Short press MAIN FUNCTION button
	Saving channel	Press MAIN FUNCTION button more than 2 seconds
	Change saved channel	Long press PLUS (+) or MINUS (-) button
INTERCOM	Intercom connection	Short press POWER button or Shout out to Microphone
	Intercom disconnection	Short press POWER button
	Universal Intercom disconnection	Double-Short press POWER button

BASIC FUNCTIONS

Power On : Long press POWER button for 3 seconds.

Power Off : Long press POWER button for 6 seconds.

❖CAUTION : The power operation cannot be resumed for 8 seconds after the power is turned on or off. Please try again after 8 seconds.

Volume Up : Press the PLUS (+) button at intervals of longer than 0.5 seconds.

Volume Down : Press the MINUS (-) button at intervals of longer than 0.5 seconds.

❖CAUTION : Fast pressing twice in less than 0.5 seconds will result in the next / previous song selection in Music mode or channel search on FM radio mode.

Automatic Power-Off : If you do not operate the unit for longer than 60 minutes, the unit will automatically turn off to save the battery.

Voice Command : After stopping Music or FM Radio, press and hold the PLUS (+) button at the same time for more than 1 second to use the voice recognition feature (Siri, S-voice, etc.) within your mobile-phone. The voice recognition feature on your mobile-phone must be enabled.

MOBILE-PHONE CONNECTION

Mobile-phone Pairing

- ① Make sure your BiT-3 unit is powered off.
- ② Press and hold POWER button for 8 seconds until the LED turns and flashes in red and blue alternately.
- ③ Turn on the Bluetooth function in your mobile-phone and search and select the name of the unit (ChatterBox BiT-3 Vxx)

- ④ Certain mobile-phones may require a password <Password: 0000>
 - ⑤ After pairing is completed, the blue LED slowly flashes twice.
 - ⑥ After pairing is finished, turn the power of the unit off and turn on the unit again to prevent a sudden volume increase.
- ✳️NOTE for iPhone users: After the pairing is done, please set the unit at the minimum volume level to prevent sudden volume increase.

Second mobile-phone pairing

Pairing sequence is exactly the same as the first mobile-phone pairing.

✳️CAUTION: Please make sure that you turn off the Bluetooth function of the first paired-mobile phone before starting the second mobile-phone pairing.

New mobile-phone (the third phone) replacement

- ① Turn off one of the previously paired mobile-phone's Bluetooth function or delete one the paired unit's name (ChatterBox BiT-3 Vxx) from the connected Bluetooth device list on the mobile-phone settings.
- ② Pairing sequence is exactly the same as the first mobile-phone pairing.

MODE CHANGE

Music Mode : Short press the MAIN FUNCTION button twice.

FM Radio Mode : Short press MAIN FUNCTION button twice.

Intercom Mode : Short press POWER button once.

Phone Mode :

To answer an incoming call, short press MAIN FUNCTION button once in any mode.

To redial the last number called, long press the MINUS (-) button for longer than 1 second in music mode or FM radio mode.

To make a call using the voice command function in your mobile-phone, press and hold the PLUS (+) button for more than 1 second in music mode or FM radio mode.

PHONE FUNCTIONS

Answering an incoming call : Short press MAIN FUNCTION button. **Rejecting an incoming call :** Long press MAIN FUNCTION button for 1 second. **Hanging up the call :** Long press MAIN FUNCTION button for 1 second.

Automatic answering : An incoming call which remains idle for more than 20 seconds will be answered automatically.

Holding the current call, answering another incoming call : Short press MAIN FUNCTION button for 1 second.

While in calling, rejecting another incoming call : Long press MAIN FUNCTION button for 1 second.

Last number redialing : Long press MINUS (-) button for 1.5 seconds after music is stopped or FM radio is muted.

While being on the phone, switching device between BiT-3 and mobile- phone : When you are talking on a call wearing helmet, if you want to take off the helmet and want to talk on your mobile phone directly. Press and hold PLUS (+) and MINUS (-) buttons simultaneously for longer than 1.5 seconds, then the call switches to your mobile-phone. Doing the same operation will switch your mobile-phone paired to your BiT-3 again.

MUSIC MODE

Entering / Exiting music mode : Short press the MAIN FUNCTION button twice.

Music Play / Stop : Short press MAIN FUNCTION button. **Moving to next song :** Double press PLUS (+) button.

Moving to previous song : Double press MINUS (-) button.

Switching music play between two paired mobile-phones: Long press MAIN FUNCTION button for 1 second (short press MAIN FUNCTION button again to play music from your second mobile-phone.)

If two mobile-phones are connected, a delay in music playing might occur.

For certain types of mobile-phone, music volume can be controlled simultaneously or separately.

FM RADIO MODE

Entering / Exiting radio mode : Short press MAIN FUNCTION twice.

Playing / Muting radio : Short press MAIN FUNCTION once.

Scanning channel up : Double press PLUS (+) button. **Scanning channel down :** Double press MINUS (-) button.

Saving channel : After a channel is selected, within 10 seconds, long press MAIN FUNCTION button for longer than 2 seconds. Eight channels can be saved.

Saved channel up : Long press PLUS (+) button.

Saved channel down : Long press MINUS (-) button.

INTERCOM MODE

Intercom Pairing

- ① Be sure both BiT-3 units are powered off.
- ② Place two units to be paired close to each other.
- ③ Press and hold POWER buttons of both units for 8 seconds until the LED flashes in red and blue alternately.
- ④ Short press the POWER button of any one of two units which becomes master unit. You can hear "Intercom Mode 1" announcement and the red LED flashes fast indicating intercom pairing started. (Do not press POWER buttons of those two units at the same time)
- ⑤ After pairing is completed, the blue LED slowly flashes twice.
- ⑥ After the intercom pairing is completed, turn both BiT-3 units off and turn on again before making an intercom call.

Intercom Connection / Disconnection

Short press POWER button once will finish intercom mode and automatically bring the unit back to the previous mode (music mode or FM radio mode).

Automatic disconnection

When two BiT-3 are using intercom mode, if they are separated in a distance, you can hear a beep sounds every 15 seconds. This beep sounds last 2 minutes and intercom mode is disconnected automatically and goes back to music mode or FM radio mode. If you want to connect intercom again, short press POWER button once. (disconnecting distance subject to the environment)

UNIVERSAL INTERCOM PAIRING

Universal Intercom is a 1:1 communication connecting with other brand product. Before starting the Universal Intercom connection, be sure to make BiT-3 to be the master. In case the other brand intercom becomes the master, we cannot give you the explanation.

Universal Intercom pairing method when BiT-3 becomes master

- ① Make sure the power of the BiT-3 is turned off.

- ② Press the POWER button for 8 seconds until the red and blue LEDs flash alternately.
- ③ Pressing the POWER button of BiT-3 twice will cause the blue LED to flash rapidly and you can hear “Intercom Mode 2” voice prompt and the unit enters into Universal Intercom Pairing mode.
- ④ Now, the BiT-3 is ready for Universal Intercom pairing with the other brand intercom as a slave. Please refer to the Universal Intercom pairing method of the manual of the other brand intercom. Mostly, entering mobile-phone pairing mode from the other brand intercom would work.

Universal Intercom pairing method when third-party product becomes master

Please refer to the user manual of the third-party product for entering Universal Intercom pairing mode.

Universal Intercom Connection / Disconnection

Short press POWER button twice will finish Universal Intercom mode and automatically brings the unit back to the previous mode (music mode or FM radio mode).

Automatic disconnection

When a BiT-3 (master) and other brand intercom are connected in Universal Intercom mode, if they are separated in a distance, you can hear beep sounds every 5 and 15 seconds. These beep sounds last 2 minutes and Universal Intercom mode is disconnected automatically and goes back to music mode or FM radio mode. When the other brand intercom comes close enough for reconnection, you can hear “Bluetooth connected”. If you want to connect the Universal Intercom again, short press POWER button twice.

Switching between intercom mode and Universal Intercom mode

While your BiT-3 is intercom paired with another BiT-3 and Universal Intercom paired with the other brand intercom. In the standby mode, pressing the POWER button once will make your BiT-3 to be connected with another BiT-3 in the intercom mode, pressing the POWER button twice quickly makes your BiT-3 to be connected with the other brand intercom in the Universal Intercom mode.

VOX (Voice to switch to intercom mode)

VOX is a function to switch mode using voice from music mode or FM radio mode into intercom mode without using the POWER button

Activating VOX : In music mode or FM radio mode, shouting loudly will activate the VOX and switch to intercom mode. The loudness of voice shall depend on the VOX sensitivity setting.

VOX sensitivity setting

Pressing PLUS (+) and MINUS (-) buttons simultaneously for 5 seconds will change VOX sensitivity in turns: VOX 0 → VOX 1 → VOX 2 → VOX 3 → VOX 0. VOX 0: VOX off – disables VOX function.

VOX 1: Highly sensitive. There is a risk of VOX operating even by small noise. VOX 2: Normal sensitive. (factory default setting)

VOX 3: Less sensitive.

LANGUAGE

BiT-3 provides five languages (English, French, German, Italian, and Spanish) for voice prompt.

Language Setting

- ① Make sure the BiT-3 is powered off.
- ② Long press the POWER button for 8 seconds until the red and blue LEDs flash alternately.
- ③ Short press PLUS (+) and MINUS (-) button simultaneously for 1 second.
- ④ Language up: short press PLUS (+) button.
- ⑤ Language down: short press MINUS (-) button.
- ⑥ Save selected language: short press MAIN FUNCTION button.

RESET

Rebooting

Reboot the unit when the function stops working or if you cannot turn off the power of the unit. To reboot the unit, insert USB charging cable while pressing MINUS (-) button.

The pairing information, language, and saved FM radio channels will not be deleted.

Factory default reset

To initialize all settings and set the unit back to the factory default setting, long press MAIN FUNCTION button and MINUS (-) button at the same time for 8 seconds

All saved information of pairing, saved FM radio channels, and language setting will be deleted.

SOFTWARE UPGRADE

Download the new version of the software available from the ChatterBox website (www.chatterboxglobal.com)
The method how to install the software is given at the homepage.

SUPPORT

Precaution

- Although BiT-3 is Water Resistance, please keep the product away from heavy rain and water. Exposing the product to heavy rain or water for a long time may result in damage to the
- Store or use the product at temperatures of -15°C ~ +50°C. Too high and too low temperatures may damage, shorten capacity and life of the battery, or may cause the product to be
- Keep the product out of direct Exposing the product to direct sunlight may damage the electrical circuit and battery. It is particularly dangerous to expose the product to direct sunlight in a closed vehicle in summer.
- Do not apply any physical impact to the It may cause circuit and battery prob- lem.
- Do not disassemble the It may cause a serious functional disorder and disas- sembled unit will not be able to have the warranty service.
- Poor handling, physical impact, electrical shock, dropping or rough handling may cause a functional failure and result in a serious damage to the product.
- Do not use chemical cleansers such as Benzol, Acetone and do not apply any type of strong chemicals to clean the product.
- Keep the product away from the reach of children and
- Keep the product away from heating appliances such as stove, gas-stove, micro- wave , It may explode.
- Do not try to operate the product while operating a This behavior may lead to a very dangerous accident.
- If the unit seems to be damaged or malfunctioning, stop using immediately and contact the service center.

- Prolonged exposure to a loud sound may damage your eardrums and cause hearing problem.

Failure to comply with the precautions above will lead to product damage and/or malfunction.

Please read the instructions before using the product.

Designs, features, and functions are subject to change for improvement

Limited warranty

Our limited warranty can cover only 24 months for the main unit and 12 months for the battery and accessories.

The warranty period starts at the time of the original purchase by the first end-user. You can register at ChatterBox website (www.chatterboxglobal.com) for warranty services with your purchase receipt.

In case of returning via courier, the end-user must be able to return the defective product with its original package along with a copy of the original purchase receipt from the store where the purchase was made.

The warranty service will be provided through the store where the first purchase was made. If you have difficulty contacting the store, please contact us at the provided contact information in this manual.

Reasons for limited liabilities

If you do not return the product after claiming, you relinquish all rights to liabilities, loss, claims, and claims for reimbursement of expense (including attorney's fees). Therefore, Chatterbox will not be liable for physical injury, death, or any loss or damage of transportation means, possessions, or assets which belong to you or

malfunction of the product. All risks related with the operation of the product depend entirely on the user regardless of its use by the initial purchaser or a third party. Use of this product may violate local or national laws. In addition, be aware once again that correct and safe use of the product is entirely your responsibility.

Limitation of liability

To the full extent allowed by law Chatterbox excludes itself and its suppliers from any liability, whether based on contract or tort (Including negligence) for incidental, consequential, indirect, special, or punitive damages of any kind, or for loss of revenue or profits, loss of business, loss of information or data or their financial loss arising out of, in connection with the sale, installation, maintenance, use, performance, failure, or interruption of its products, even if ChatterBox or its authorized reseller has been advised of the possibility of such damages, and limits its liability to repair, replacement, or refund of the purchase price paid at Chatterbox's option. This disclaimer of liability for damages will not be affected if any remedy provided herein shall fail of its essential purpose. In any case the total compensation liabilities of ChatterBox or its sales agents shall not exceed the price paid for the product by the purchaser.

Liabilities disclaimer

In addition to damages which may occur due to the use of the product, Chatterbox will not be liable for damages of the product which occur due to the following events.

- In the event the product is misused or used for purposes other than its intended purpose.
- In the event the product is damaged because the user does not follow the content of the product manual.
- In the event the product is damaged because it has been left unattended or has undergone any other accident.
- In the event the product is damaged because the user has used any parts or software which are not provided by the

- In the event the product is damaged because the user has disassembled, repaired, or modified it.
- In the event the product damaged by a third
- In the event the product is damaged due to Acts of God (including fire, flood, earth- quake, storm, hurricane or other natural)
- In the event the surface of the product is damaged by

Technical Specification

BLUETOOTH VERSION: Ver 4.1

RF POWER: Class2, Class1 BATTERY CAPACITY: 3.7V 550mAh AUDIO POWER: 250mW X 2 CONTINUOUS OPERATING HOURS: 11 hours

STANDBY HOURS : 284 hours/11days OPERATING TEMPERATURES: -15°C ~ +50°C DIMENSIONS: 69 x 37 x 17 mm

WEIGHT: 50g (cradle included) CERTIFICATIONS: FCC, CE, KC Certified

Customer service center in USA

Address: 11627 Telegraph Rd. Suite #103 Santa Fe Springs, CA 90670 USA Website: www.chatterboxusa.com

Customer service center in EUROPE

Address: Talstrasse 39 D-77887-SASBACHWALDEN, GERMANY

FAQ (Frequently Asked Questions)

Q : When I use Intercom, I frequently experience noise and disconnections.

A : Bluetooth Intercom uses 2.4GHz ISM band. This ISM band is being used for many applications, such as Wi-Fi, wireless CCTV, garage door remote control, traffic con- trol signal etc. Therefore, in the city area, there are many ISM band frequencies being used and these cause interferences. If the other ISM band equipment is closer than your intercom partner, there would be noise and disconnections. High voltage power line can also cause the same phenomenon. This phenomenon is inevitable with Bluetooth products.

Q : When I use Intercom, I feel more noise and disconnection toward a certain direction. A : Bluetooth ISM band is also a part of radio frequency. Radio frequency has very similar character to the light. Radio frequency cannot go through water, soil, rock,

metal plate and human body. The human body consists of 70% water. Therefore, Bluetooth communication cannot be connected well through body. This phenom- enon can happen when you have your mobile-phone in your back pocket.

Q : Battery life became shorter. A : Life cycle of Lithium Ion, Lithium Polymer battery, manufacturer guarantees only 300 times of full charges and discharges. 300 times of life cycle means, if you use

the full capacity of the battery every day, you can use it only for about one year. If you use half of the battery capacity every day, you can use it for about two years. If your battery capacity went down too low and you cannot use it for enough time in your normal usage, please contact our service center to have a battery replace- ment service.

Q : I cannot use intercom with a range of 400m as described in the specification. A : As described in the answer above, the 2.4GHz ISM band frequency gets much inter- ference by other ISM band applications in the city area. Interference cause noise, dis- connection and shortened

range. This is inevitable since the 2.4GHz ISM band is free of charge and has no obligation of registration. That is why ISM bands are so popular.

However, at the seaside, without any other ISM band interference and no obstacles between two riders, you can have even better range than 400 meters.


Q : I cannot turn on nor charge the product. A : I cannot turn on nor charge the product.

A: If you left the product for a long time after your last use and the battery discharges under 2.0V, you cannot charge the product again. You need to replace the battery at the service center. Also, if you tried to charge the product with fast charger (9V, over 1.2A), the battery or circuit might burn out. In these two cases service cannot be covered by the warranty.

Many other FAQ are well described at our homepage. Please visit our website and read carefully. For more detailed FAQ information, please access our website. (www.chatterboxglobal.com)

Read More About This Manual & Download PDF

Documents / Resources

	<p>ChatterBox BiT-3 Wireless Bluetooth Helmet Communicator [pdf] Owner's Manual BiT-3, BiT-3 Wireless Bluetooth Helmet Communicator, Wireless Bluetooth Helmet Communicator, Bluetooth Helmet Communicator, Helmet Communicator, Communicator</p>
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