

Z-link 2.0藍芽使用說明書V1.0

攤開後的尺寸每張為：194*130 mm

完成尺寸：97*130 mm

翻頁式，正反面都有印，共32頁，加2隻騎馬釘，8張訂成1本

紙質：100磅銅板紙

顏色：K（單色黑+漸層）

WARNING: Changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user authority to operate the equipment. This device complies with Part 15 of the FCC Rules.

Operation is subject to the following two conditions:

- (1) this device may not cause harmful interference, and
- (2) this device must accept any interference received, including interference that may cause undesired operation.

CAUTION:

- 1. To comply with FCC RF exposure compliance requirements, a separation distance of at least 20 cm must be maintained between the antenna of this device and all persons.
- 2. This Transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

NOTE: 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 a particular 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.

注意！

依據 低功率電波輻射性電機管理辦法

第十二條 經型式認證合格之低功率射頻電機，非經許可，公司、商號或使用者均不得擅自變更頻率、加大功率或變更原設計之特性及功能。

第十四條 低功率射頻電機之使用不得影響飛航安全及干擾合法通信；經發現有干擾現象時，應立即停用，並改善至無干擾時方得繼續使用。

前項合法通信，指依電信規定作業之無線電信。低功率射頻電機須忍受合法通信或工業、科學及醫療用電波輻射性電機設備之干擾。



Version: 1.0



Cellular phone



MP3

GPS



FM

ENGLISH

繁體中文



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ENGLISH

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1. Remark before usage

- Before using Z-link, battery should be recharged fully (about 4 hours) for the 1st time usage. Afterwards, if any further battery rechargeable, it takes only around 2 hours. The battery rechargeable way, pls re-check the details description of user manual.
- The manual of pairing of Bluetooth device, pls re-check the user manual of each individual bluetooth product. The username of Z-link is " Z-link 2.0 ". While pairing to Cell phone bluetooth or other bluetooth device, please select "Z-link 2.0 " & then install the password [0000] in order to link correctly.
- Buttons operation on Z-link Bluetooth :
 - (1) Short press: press the button in a second then release.
 - (2) Long press: press the button within certain period then release.

NOTE : Time to press the buttons, it's different definition for Z-link operation. Depends on different types or cell phones brands, it may occur some Functions cannot be performed in some conditions.

Warning : To mount the Z-Link device inside of helmet is not waterproof and in order not to damage the system, pls do not moisturize the interior including inner lining. If the interior is wet, pls remove the Z-Link 2.0 battery and dry the device & inner lining.

Warning : Regarding the whole operation of Z-link 2.0 bluetooth set up or connection, it must be operated as stop riding. While riding, pls don't operate the Z-link 2.0 process.

Warning : Pls do not take apart, re-edit or modify any components of Z-link 2.0 device and correctly follow up the operation of user manual.

Warning : Adjust the suitable volume. High volume might cause the hearing damage.

Warning : While recharging, pls use the Z-link 2.0's battery charger to avoid any system damage. The treatment of junk battery, pls comply with the country's local regulation.

2. Product Road Map

【Product Features】

- Conform to Bluetooth 2.1 + EDR standard.
- Adopt advanced tech. to eliminate echo and show high sound quality as Hi-Fi stereo.
- Communication time can reach 12 hrs and stand by time can upto 300 hrs (depends on different usage condition).
- Include battery charger.
- Operation range can be upto 150 meters (depends on different usage environment).
- Built-in FM and RDS system.
- Consumer could update software via official website.
- Compatible to Bluetooth walkie talkie.

【Main functions】

《Cell Phone》

1. Answer phone call.
2. Voice dialing (cell phone should have this function).
3. Redial the last phone number.
4. Refuse the call or discontinue.

《Intercom》

1. With another Z-link 2.0 bluetooth device to proceed Intercom system with other bike or the Intercom between driver & passenger.

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2. One touch to answer the Intercom.
3. Sound reminder for an incoming phone call.

《GPS voice connection》

1. Connect with GPS voice navigator connection thru. Z-link 2.0 Bluetooth device (Voice navigator to Bluetooth headset required).
2. Sound reminder for an incoming phone call.

《Hi Fi Stereo》

1. Support the hi-fi stereo of A2DP.
2. Support AVRCP (Remote control of music display, Music searching back and forth, Bluetooth device should support this function).
3. Sound reminder for an incoming phone call.

《FM + RDS radio》

1. Search signal automatically and save 6 channel.
2. RDS system support.
3. Manual channel switching and personal preference memory.
4. Sound reminder for an incoming phone call.

《Walkie talkie》

1. Receiving Walkie talkie signal.
2. Sound reminder for an incoming phone call.

【Accessories】

1. Bluetooth device*1set:
Cheek pad*1set / housing*1set / silicone keypad*1 pcs / battery*1 pcs /PCBA *1 pcs / MIC& Speaker*1set
2. Recharger*1pcs
3. USB cable*1pcs

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【Installation】

《Installation of blue tooth device》

1. Remove the left & right side cheek pad from helmet.
2. Take off the front buckles of liner (for settling right ear set).
3. To stick the Velcro on recess of left & right PU or EPS pad, particularly to PU pad could strengthen adhesive force by Cyanoacrylates.
4. Put chin straps through cheek pad.
5. Put left & right ear set in the cave on EPS or PU cheek pad and set it with Velcro.
6. Adjust PCB antenna and turn the green side outward.(the direction of antenna will influence intercom connecting distance.)
7. Buckle the button of left cheek pad. (Please check if the ear set cable will be pressed by the button before buckle it. That might damage the ear set cable.)
8. Insert the locating plate of cheek pad into the gap between EPS and rubber trim and settle the cheek pad.
9. Put the liner back on position.

《Liners cleaning》

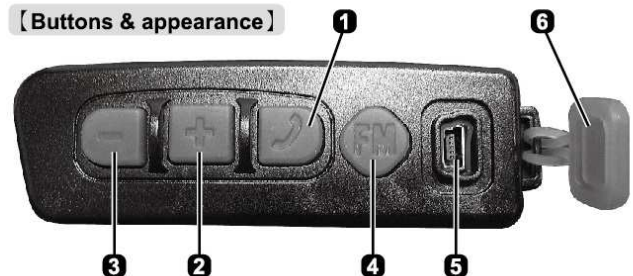
1. Loosen the zipper of left cheek pad.
2. Loosen the screws of blue tooth case.
3. Take off the cover of ZLINK 2.0
4. Take the ZLINK 2.0 device out from the case.

《Re-installation》

1. Bend both side of pad of blue tooth device.
2. Insert blue tooth device.
3. Put back the top cover fasten the screws.
4. Seal the zipper.
5. Installation please refer to 《Installation of blue tooth device》

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【Buttons & appearance】



- 1 : Main Function Button
- 2 : V+ (long press to volume up/short press to FF)
- 3 : V- (long press to volume down/short press to REW)
- 4 : FM button
- 5 : Mini USB jack
- 6 : Water proof cover

【Status of LED】

Status	LED Indicator
1. Stand by & unconnected	Blue flash once every 3 seconds
2. Connection	Blue flash once every 5 seconds
3. Blue tooth Pairing	Red/Blue flash alternately
4. Turn on the device	Blue flash for 1 second
5. Turn off the device	Red flash for 1second
6. Battery Level	Showing battery status after power on device : if >50%, flash BLUE for 1 second; if 50%~10%, flash both RED / BLUE for 1 second; if <10%, flash RED for one second
7. Recharge	Constant Blue and Red flash
8. Completion of rechargeable battery	Constant Blue
9. Reseting	Both Red / Blue on

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3. Recharging

[Recharging]

Before using Z-Link, battery should be fully recharged, about 4 hours, for the 1st recharge. Afterwards, if any further battery rechargeable, it takes only around 2 hours.

Full battery power, the communication can reach 12 hrs and stand by up to 300 hrs. (it depends on the usage condition and environment).

Rechargeable way, pls kindly follow up the steps below:

1. Link the battery charger with Z-link 2.0 Mini USB.
2. When battery charger is on, the Z-link 2.0 LED will show the Constant Blue and Red flash till full recharge the battery, then the LED will turn to Blue light and Red off. Pls switch of the battery charger as the battery is fully recharged.

NOTE: Inside of Z-link pack, a set of battery charger with mini USB plug is contained.

4. Z-link 2.0 Basic Functions

[Turning on]

Long press MFB button around 5 seconds. The speaker will sound a beep and the blue LED will begin light up for around 1 second; then Z-link 2.0 will enter stand-by mode, the LED will flash every 3 seconds.

[Turning off]



Long press and the MFB button. The speaker will sound a long beep and the LED will flash red for 1 second then off.

[Volume adjustment]

1. Volume up: v+ button  long pressing till the acceptable volume then release.
2. Volume down: v- button  long pressing till the acceptable


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volume then release.

NOTE: Short press v+ button  under A2DP interface is for forward track; short press v- button  is to rewind track.

[Pairing of Handset mode]

Before proceeding pair segment, pls review carefully the pairing operation tips in the user manual of cell phone's Bluetooth and re-check if cell phone did support the Bluetooth interface of HSP (Handset Profile) or HFP (Hand Free Profile).



1. Turn on the bluetooth mobile phone.
2. Turn on the pairing of Z-link: in the condition of power off status, long press the MFB  about 8 seconds till the status of flashing Red light & Blue light alternately. Then get into the pairing with cell phone.
3. To operate the pair / link process, pls follow up the user manual of Bluetooth cell phone. However, upon the Bluetooth cell phone enters to searching the Bluetooth device, will find out [Z-link V2.0] in the list. Then pls input the password [0000] and complete the pairing.
4. If the pair / link process is successfully, then the LED will turn to sparkling Blue light.

NOTE: - If the pair / link process between cell phone & headset is successful, it's not necessary to pair again afterwards. While turning on the Z-link again, pls confirm the mobile link correctly to Z-link.
- If the whole process over 2 minutes and keep glittering Red / Blue light, it means the Bluetooth pairing is not successfully and it requires to repeat the steps of 1. 2. & 3. till complete pairing.



[Operation of Handset mode]

1. *«Answering the phone call / Ending the phone call»*


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While incoming phone call, Z-link will ring. Short pressing MFB  to answer phone call. Another short pressing on MFB button  will end up the phone call.

NOTE: If you answer phone call while listening music, music will keep playing as soon as the call ended up.

2. *«Refusing of phone call»*
Long press MFB button  for 2 seconds, Z-link will sound beep and refuse phone call.
3. *«Redial»*
Successive 2 short pressing on MFB  will redial the last call out number.


NOTE: The gap between 2 pressing cannot be too long.

4. *«Initiating the voice dialing»*
Successive 3 short pressing on MFB , voice dialing will be activate, input voice signals to call. Z-link will beep while calling.




NOTE: The gap between 3 pressing cannot be too long.
Mobile is required to support voice dialing function.

[Pairing of intercom mode]

Z-link 2.0 can be used as an intercom by pairing with another Z-link 2.0 device for the communication between rider and rider or rider to passenger. Before using Intercom system, blue tooth devices must be paired. The steps of pairing as below:



1. Turn on 2 sets of Z-link 2.0 by long press on the MFB  about 5 seconds, then will hear a sound of [beep] and LED will glitter Blue light.

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2. Press v+  and v-  about 5 seconds until LED glitter Red and Blue light to activate intercom pairing mode.
3. Short press the MFB  of any one of these 2 Z-link 2.0 device to complete pairing, if the pairing is successful, Z-link 2.0 will sound 2 or 3 reminder ring and these 2 devices can contact with each other.

NOTE: - If pairing is successful, the LED will be sparkling Blue light.
- If the process takes more than 2 minutes and the LED is glittering Red and Blue, the pairing is fail, pls redo the step 1, 2 and 3 until the devices matched.
- Once the devices have been paired, it's not necessary to proceed pairing again afterward unless users want to pair with another Z-link 2.0. The pairing memory will be activate as the devices turning on.

[Operation of Intercom mode]


1. *«End up Intercom»*
Short press MFB , both master and slave device will hear "beep" sound, the conversation ended up.
2. *«Initiate Intercom»*
Long press MFB  for about 3 second, device will hear reminder ring sound, then conversation initiated.

[Pairing of A2DP mode]

The Z-link 2.0 is designed to receive stereo music from A2DP (Advanced Audio Distribution Profile) sources and mobile phones that support the Bluetooth A2DP and AVRCP profiles. Using a Bluetooth device that supports AVRCP profile will allow you to operate A2DP source functions directly from your Z-link 2.0 device.

1. Turn on MP3player or A2DP transmission.

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- To start Z-link pairing: **With the Z-link turned off, press and hold the MFB**  for about 8 second until the LED twinkling blue and red, then A2DP is stand by for pairing.
- Accomplish pairing per your MP3 player or A2DP device's instructions. The MP3 player or A2DP device will list [Z-link 2.0] as a found device. Select it and follow your MP3 Player's instructions to accomplish the pairing, input PIN code "0000" to activate pairing.**
- If pairing succeeds, Z-link 2.0 LED will twinkle successively blue.

NOTE : - If your A2DP device is built in your mobile, please refer to [Pairing of Handset mode] .
 - If the pairing process takes more than 2 minutes and the LED keeps twinkling blue and red, please re-do the step 1, 2 & 3 until the pairing succeeds.

[The operation of A2DP mode]

- 《PLAY / PAUSE》
Short press MFB button .
- 《Forward》
Short press v+ .
- 《Rewind》
Short press v- .

NOTE: In order to operate the function above, your device should be compatible with Bluetooth AVRCP profile.

[Pairing to GPS device]

To enable Bluetooth GPS device with Z-link 2.0, you must first pair the two devices, This will allow your GPS to transmit navigation instructions and audio to the speakers

of your headset.

- Turn on your GPS.
- With the Z-link turned off, long press the MFB button for about 8 seconds until the RED and BLUE Lights begin alternating rapidly.
- Search for Bluetooth headsets on your GPS device by following the device's instructions. The GPS device will list [Z-link 2.0] as a found device. Select it and follow your GPS device's instructions to initiate the pairing. If your GPS device requires for a PIN please enter "0000".
- Once Pairing is complete, your GPS device may confirm that pairing has succeeded, and the Z-link will begin flashing slowly in blue.

NOTE : - Not all Bluetooth enabled GPS device allow connections to Bluetooth headsets, the GPS device must be compatible with the Bluetooth 「handsfree gateway protocol」 .

- GPS devices of different brands might have different pairing moded. Please the way works better with your Bluetooth device.

Connected mode ※1: Mobil → GPS ← Zlink
 (Mobile pairs to GPS then GPS pair to Z-link2.0)

Connected mode ※2: Mobil → Zlink ← GPS
 (Mobile pairs to Z-link2.0 then Zlink pair to GPS)

If Connected mode ※1 works better with your device, please refer to the method of your GPS.








If Connected mode ※2 is better, please operate according to Z-link2.0 manual.

- Some Bluetooth GPS devices support MP3 but the MP3 needs to turn on again manually after phone call.

- If the pairing process takes more than 2 minutes and the LED keeps twinkling blue and red, please re-do the




step 1, 2 & 3 until the pairing succeeds.

[The Operation of FM & RDS mode]

- 《FM Turn on / Turn off》
Long press FM button  for 5 seconds, some prompt sound will be hear from ear set.
- 《Switch channel》
Short press FM button  to switch channel, 6 channels can be stored in memory.
- 《Search and store new radio channel》
 (1) Short press FM button  to the channel that you want to cover.
 (2) Long press FM button  2 second, the device will search for new channel automatically and you could hear the radio in the ear set, if it's not the channel you want, Long press FM button  2 second again until you find the channel you want.
 (3) Short press FM button  within 20 seconds, the new channel will be stored.
- 《RDS ON / OFF》
RDS default setting is OFF, short press FM button  twice to enable RDS, to switch off RDS, just another twice FM button. Prompt sound will be heard from ear set.

NOTE: - You need to short press "FM button  " for confirming and storing the station, even this device can auto scan the stronger signal 6 stations on the first usage.

[Pairing to Walkie Talkie Device]

- Long press MFB  about 5 seconds to turn on Z-link 2.0.
- Short press V+  & V-  together twice, LED will flash Red

and Blue **alternately**, then pairing begins.

- Please refer to pairing method in Walkie-Talkie user manual.
- Once the pairing succeeds, Z-link 2.0 will flash blue slowly.

NOTE: - Once the Walkie-Talkie device has been paired with Z-link 2.0, user doesn't have to pair it again, the devices will link automatically as turning on.




- If the pairing process takes more than 2 minutes and the LED keeps twinkling blue and red, please re-do the step 1, 2 & 3 until the pairing succeeds.

[The Operation of Walkie Talkie mode]

- 《Sending》
Please refer to PTT operation method in Walkie-Talkie user manual.
- 《Answering》
Auto

5. Z-link 2.0 advanced function operating

[While music playing, GPS navigating or radio listening]

- 《Answering mobile》
Music (or navigator) will stop and sound ring tone, Short press MFB  to answer phone call. Another short press on MFB  will end up phone call.
- 《Redial last call》
Short press MFB  twice, music (or navigator) will stop and sound ring tone, after end up the call, music (or navigator) will activate automatically.
- 《Answering intercom》
Music (or navigator) will stop and sound warning sound 「beep beep」, the call will start automatically, after end up

the call, music (or navigator) will act automatically.

4. **«Initiating Intercom»**

Long press MFB about 2 seconds, music (or navigator) will stop and sound warning sound, the call will start automatically, after end up the call, music (or navigator) will replay automatically.

[While answering mobile]

1. **«Answer 2nd phone call»**

Ring tone will sound as receiving phone call, short press MFB to hang up the first call, another short press MFB to answer the second call.

2. **«Answer Intercom»**

Ring tone will sound as receiving intercom call, short press MFB to hang up the mobile call, intercom will start automatically.

[While answering intercom]

«Answer mobile»

When prompt sounds, short MFB to end up intercom, short press MFB to answer mobile call.

[While answering intercom +A2DP]

«Answer mobile»

When prompt sounds, short MFB to end up intercom, short press MFB to answer mobile call. When the call ended up, music will be back to play automatically.

[While mobile call+A2DP]

1. **«Answer Mobile call»**

When prompt sounds, short MFB to end up intercom, short press MFB to answer mobile call. When the call

ended up, music will be back to play automatically.

2. **«Answer Intercom»**

When prompt sounds, short MFB to end up mobile call, intercom will start automatically. When the call ended up, music will be back to play automatically.

[While answering Walkie Talkie]

3. **«Answer Mobile call»**

When prompt sounds, short MFB to end up intercom, short press MFB to answer mobile call. When the call ended up, Z-link 2.0 will be back to walkie talkie automatically.

4. **«Answer Intercom»**

When prompt sounds, short MFB to end up mobile call, intercom will start automatically. When the call ended up, Z-link 2.0 will be back to walkie talkie automatically.

6. Default setting

1. As Z-link 2.0 off, Long press MFB V+ and V- together around 5 seconds until Red and Blue LED light up solidly, then default setting completes.
2. This operation is irreversible, once the process completed, all settings and pairings have to be redone.

7. Software update

1. Z-link 2.0 uses proper USB cable, please don't try it with normal USB cable.
2. You could also study the operation and system request via our official web-site: www.zeus-helmets.com
3. For updating software of your Z-link2.0, you could also find the latest version or the version you need on our official web-site: www.zeus-helmets.com

8. Z-link 2.0 SUMMARY DIAGRAM OF COMMANDS

Mode	Function	Status	Short Press	Operating			Reponse
				Long Press 3 sec	Long Press 5 sec	Long Press 8 sec	
Basic Operation	On	Off					Beep
	Off	Blue flashing					Beep
	Volume up						
	Volume down						
Mobile mode	Pairing mode	Off					Red & blue flashing
	Answer call	Ring					
	End up						
	Denying call						
	Redial						Ring tone
	Voice dialing						Ring tone
Intercom mode	Pairing mode	On					Red & blue flashing
	Call						
	End up calling						Beep
	Initiate intercom						Warning sound
A2DP mode	Pairing mode	Off					
	PLAY / PAUSE						
	REW						
FM mode	ON / OFF						
	Switch channel	On					Warning sound
	Search channel						
	Store channel						
	RDS ON/OFF						Warning sound
Walkie Talkie mode	Pairing	On	twice				
	Receiving						Auto
Under MP3 or GPS audio navigation	Answer phone call	Ring					
	Redial						Dial sound
	Receiving Intercom	Beep					Auto
	Initiate intercom						Beep
While calling	Answer 2 nd phone call	Ring					
	Answer intercom	Beep					Auto
While Intercom	Answer mobile	Ring					
	Answer intercom	Ring					
While walkie-Talkie	Answer mobile	Ring					
	Answer intercom	Ring					
Default setting	Default setting	Off					Solid blue & red