

Shenzhen Freedconn (FDC) Electronics Co., Ltd
Bluetooth headset KY PRO
Freedconn

一、 Introduction

Thank you for choosing FreedConn KY PRO Motorcycle Bluetooth Communication System.

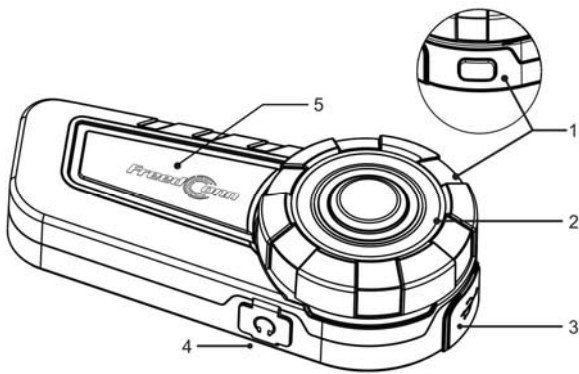
T-Rex is a Full Duplex Group Talk Bluetooth System, applying humanized design, integrating the cutting edge technology of all similar products and becoming a perfect motorcycle communication system. It can satisfy all kinds of needs in your journey, such as wireless dialling, receiving calls, listening to Mp3 music, receiving GPS voice prompt and connecting with handheld interphone. The most important is that it can realize group talk among motorcycles, providing you convenient communication with your teammates throughout the ride.

二、 Main Functions

- 1.6-way 1000m conference talkback
- 2.Multiple device connected simultaneously
- 3.Wired/wireless connection with handheld interphone
- 4.Built-in radio
- 5.Voice prompt
- 6.Usable during recharging

三、 Functions and Operation of Buttons

- 1.On/Off button and talkback button
- 2.Multi-functional button
- 3.Recharging port
- 4.headphone jack
- 5.LED indicator light



四、 Pack Content

- | | |
|---------------------|--------------------------------------|
| 1. Bluetooth device | 2. Universal clamp |
| 3. USB cable | 4. Microphone & speaker |
| 5. Headphone VELCRO | 6. Handheld interphone control cable |
| 7. PTT VELCRO tape | 8. Manual |

五、 Installation Procedure

1. Loosen the screws on the back of clamp with the provided screw driver.
2. Open the lining of helmet, insert the clamp in the proper position on the left of helmet and fasten the screw (overly fastened screw can damage the clamp)

3. Slide the receiver down into the slots on the headset clamp mount. Make sure that it is locked in securely.
4. Open the lining of helmet (at ear's position), clean the EPS surface and affix the Velcro on with the rough surface.
5. Affix the hook surface of speaker to the rough surface of VELCRO and properly tidy the helmet lining.
6. Insert the headphone plug into the corresponding headphone jack on the receiver to finish the installation.

六. Functions and Operation of Buttons

1. On/Off button and talkback button

- 1.1 On: press down for 3 seconds until hear "Welcome to use FreedConn product" voice prompt. The blue light will flash 3 times swiftly and then turn into regular flashing..
- 1.2 Off: press down for 5 seconds until hear "Power off" voice prompt. The red.
- 1.3 Start Bluetooth talkback: shortly press the On/Off button on either one of the two paired T-Rex and a voice prompt will be heard after completing the talkback connection.
- 1.4 Close Bluetooth talkback: shortly press the button and talkback closes after a "bee" prompt tone.
- 1.5 Talkback/music switch: shortly press the button and a "bee" prompt tone can be heard.
- 1.5 Clear pairing address: when press down the On/Off button to start the device, hold the button down for another 3 seconds after the red light flashes until the red light quickly flashes 3 times and a "toot" prompt tone can be heard, which means clearing successful and the device is started. (Pressing down for 5 seconds when shutting down the device does not clear address) Note: the clearing will clear all memories; Press down for 8 seconds to enter pairing status if pairing address is not cleared and press down for 5 seconds to automatically enter pairing status if pairing address is cleared.

Multi-functional Button

- 2.1 Receive calls: shortly press the button, a "Call answer" voice prompt can be heard. Incoming call will be received automatically answered when no operation is conducted after 15 seconds of ringing of incoming calls.
- 2.2 Reject calls: press down for 2 seconds until you hear "Call reject".
- 2.3 Switch between phone and voice: press down for 2 seconds until you hear "bee".
- 2.4 End the call: press the button or use mobile phone to end the call as usual.
- 2.5 Voice dialling: press down for 2 seconds until you hear "Voice dial".
- 2.6 Play/Pause music: press the button when playing music on mobile phone.
- 2.7 Play/Pause radio: double press the button when there is no call or talkback.
- 2.9 Switch between phones: phone A and B both being connected, if phone B receives a call when phone is in talk, press the multi-functional button to end phone A's talk and press another time to answer phone B's incoming call.
- 2.10 Switch between phone and interphone: when you receive a call during talkback, press down the button for 2 seconds to end talkback, press once more to answer the incoming call and talkback will be resumed after the call.
- 2.11 Switch between interphone and phone: when you receive a talkback invitation during a call, press the button to end the call and talkback will be switched in automatically.
- 2.12 FM: turn the knob clockwise to switch to next channel. Turn the knob counter clockwise to return to the previous channel.
- 2.13 Music play control: turn the knob clockwise to switch to next song. Turn the knob counter clockwise to return to the previous song.
- 2.14 Volume control: turn the knob clockwise and hold it to increase volume until it reaches the level you want. A "toot" prompt will be heard when it reaches Max volume; Turn the knob counter clockwise and hold it to decrease volume until it reaches the level you want. A "toot" prompt will also be heard when it reaches Min volume.

七. Pairing Method

1. Pair with Mobile Phone, Mp3 and GPS

Step 1: Ensure KY PRO is off and within 1 m visible range of the device to be paired.

Step 2: Press down the T-Rex On/Off/Talkback button for 8 seconds until you hear "Pairing" prompt, when the red light and blue light flash alternatively, T-Rex enters pairing status.

Step 3: Start the Bluetooth device to be paired, search and choose T-Rex to pair.

When you hear "Your phone is connected" prompt and the blue light flashes regularly, pairing is successful.

2. Pairing between KY PRO

Step 1: Ensure both KY PRO are off and within 1 m range of each other.

Step 2: Press down both KY PRO On/Off/Talkback buttons for 8 seconds until you hear "Pairing" prompt from both KY PRO, when the red light and blue light flash alternatively, both KY PRO enter pairing status.

Step 3: Press down the On/Off button on either T-Rex until you hear a talkback voice prompt when the blue light flashes regularly. Pairing successful.

八. Group Talk Settings (group of 6 people)

Note: The frontmost and backmost cyclers (shown as A and F in figure) are not allowed to be paired.

1. First start the device of A and F.

then press down the On/Off buttons on both devices for 8 seconds to clear pairing memories (press down for another 3 seconds after hearing close prompt tone or close red light is on), in case A and F were paired before.

2. A pairs with B, B closed, A not closed; B pairs with C, C closed, B not closed; C pairs with D, D closed, C not closed; D pairs with E, E closed, D not closed; E pairs with F. (ABCDEF all open). (此时, ABCDEF 都为开机状态。)

3. Press the On/Off button to connect. Press A's button to connect with B, press B's button to connect with C, press C's button to connect with D, press D's button to connect with E, press E's button to connect with F. Now any one of the 6 people speaks, other 5 can hear.

九. Operations for When Someone Receives a Call during Group Talk

During 6 people group talk, C receives a call, he or she will be disconnected from other group members (A pairs with B to form a group, C forms its own group, DEF form a group).

十. Connect with Multiple Devices

The group member can connect to multiple devices (mobile phones, GPS and adaptors) when connecting with the group

① Frontmost and backmost members of the group (A and F) can connect with any two devices of mobile phones, GPS or adaptors apart from connecting with one group member.

② Members in the middle of group (B, C, D, E) can connect with any one device of mobile phones, GPS or adaptors apart from connecting with 2 group members.

十一. Priority of Functions

Level 1: interphone audio introduced by phone/adaptor

Level 2: Bluetooth talkback

Level 3: music/radio

Analysis:

1. During a call, interphone talkback, Bluetooth talkback, music, radio introduced by adaptor are all not operable. But upon the coming of interphone talkback invitation and Bluetooth talkback invitation, there will be a prompt tone.

2. During an interphone talkback, Bluetooth talkback, music and radio are all not operable. But there will be a prompt tone upon Bluetooth talkback invitation.

3. During Bluetooth talkback, music and radio are not operable.

(Talkback introduced by interphone control line will not be affected by priority. It can be carried out simultaneously with call, music and radio.)

+二、 Technical Parameters of Product

Frequency : 2.4GHZ

Weight : 38g Size : 90 x 40x 26.5mm

Battery volume : 500mAh

Standby time: 1 week

Continuous working time:

11 h of mobile phone talk

9.5 h of Bluetooth talkback

Recharging time : 1 h or so

Power adaptor: DC5V1000mA

+三、 Indication of Battery Volume

Polymer Batteries are used in this product, so please put it in dry places. Recharge the battery after more than 1 month of storage to achieve the service life of product.

1. If the battery volume is full, the blue light will flash every 2 seconds when starting the device.
2. Alarm will be intrigued when the battery is running low. Alarm will be prompted every 15 seconds (the voice of "Battery low" and red light flashes every 15 seconds). Continuous use will lead to auto-shutdown.
3. Red light will keep on during recharging and die out when the battery is full.
4. When the battery is full (voltage \geq preset light-off voltage), if you still plug the charger in, the red light will flash once and die out.

Warranty Card

Model : KY Pro

Please carefully keep your invoice, warranty card and "keep intact" label

Name :

Address :

After sale service : service@fdcdz.com

Failure description :

2 years of warranty

Please affix a copy of invoice on the back of warranty card as a proof of purchase date.

Company: SHENZHEN FREEDCONN (FDC) Electronics Co., Ltd

Address: East Area of 4th Floor, E building, Hua Chuang Da Industry Park, Hangcheng Road, Gushu Community, Xixiang street, Baoan District, Shenzhen City, Guangdong Province, P.R. China

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

Changes or modifications not expressly approved by the party responsible for compliance could void the user's 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.
- (2) Product Name: Bluetooth headset
- (3) Brand Name: Freedconn