Manuals+ — User Manuals Simplified.

FreedConn R3 Bluetooth WiFi Recorder Instructions

INSTRUCTION MANUAL
Bluetooth WIFI Recorder Instructions

Contents

R3 Bluetooth WiFi Recorder

R3

⚠ Please charge before using for the first time!

In order to ensure that the performance of the product is not damaged, please do not charge the Fredon product with another charging cable, please use a 5V/1A charger and Fredon charging cable

Welcome

Thank you for choosing Freed Conn Helmet Bluetooth® Intercom system. By doing so you now have the assurance and peace of mind that comes with purchasing a product made by one of the leading manufacturers. All products brought to you are manufactured to the highest standard of performance and safety and, as part of our philosophy of customer service and satisfaction, are backed by our comprehensive 2 Year Warranty. We hope you will enjoy using your purchase for many years to come.

Safety Warning: Keep in mind that using Freed Conn can limit the audibility of ambient sounds. Listening to music at maximum volume in addition to temporarily adapting to make it impossible to hear soft sounds can lead to permanent hearing damage. Warm Tips: In order to get the best sound quality experience, please make sure Speakers are within 2mm of ears.

Product Functions Introduction

- Video recording function
- Photo capturing function
- WiFi function
- Radio function
- Activate voice assistant
- Connect two mobile phones
- Voice prompts
- Bluetooth intercom
- Music sharing
- Supports connection with most other Bluetooth intercom brands
- Supports connection with most smart phones, MP3 players and GPS navigation system

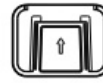- Supports TF cards with a maximum capacity of 256GB

List of Packing Parts

① Bluetooth main
unit *1

② Microphone &
speaker *1

③ Clip*2
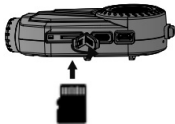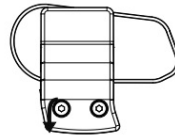
④ Screwdriver*1

⑤ Speaker Velcro*4

⑥ Microphone
Velcro*2
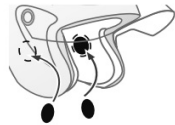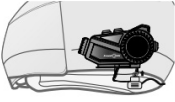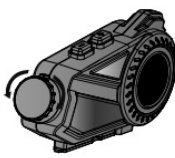
⑦ Charging Cable*1

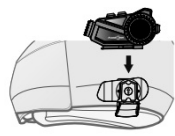⑧ Product manual *1

Product Assembly and Disassembly Steps

3.1Assembly steps

	Insert the memory card into the slot at the bottom of the host.
	Loosen the clamp by turning the screw counterclockwise.
	Open the inner lining on the left side of the helmet, insert the clamp into the appropriate positi on between the left EPS and the Shel, and tighten the screw. Note: if the screw is too tight, th e clamp may be broken.)
	Align the R3 host with the card slot and install it on the base.
	Stick the earphone Velcro on the surface of EPS at the position of the ear.
	Attach the speaker to the Velcro tape.
	Remove the triangle scrap from the microphone.
	Stick the microphone on EPS inside the helmet or the shell just at the mouth position.
	Insert the earphone plug into the jack on the R3.
	The horizontal rotation angle of the lens can be fine-tuned by 30 degrees.
	360 degrees adjustable rotation of t body.

3.1 Disassembly Steps
Push me machine upward from the bottom

Loosen the screw and remove the clip
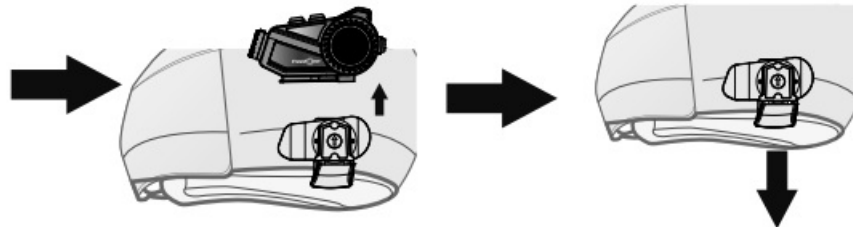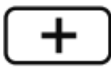
Function Keys Introduction

1. Volume up/ the next song 2. Volume down/ the last song 3. WiFi button 4. Lens 5. Recorder ON/OFF, Video/Photo button 6. LED indicator light 7. Bluetooth ON/OFF, Intercom button	8. Multi-function button 9. Reset button 10. TF card slot 11. Microphone 12. Headphone port 13. Charging port /USB port

Bluetooth Functions Operating Introduction
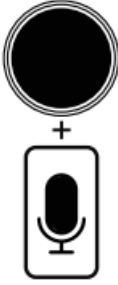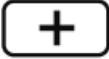
5.1. Basic Functions Operation

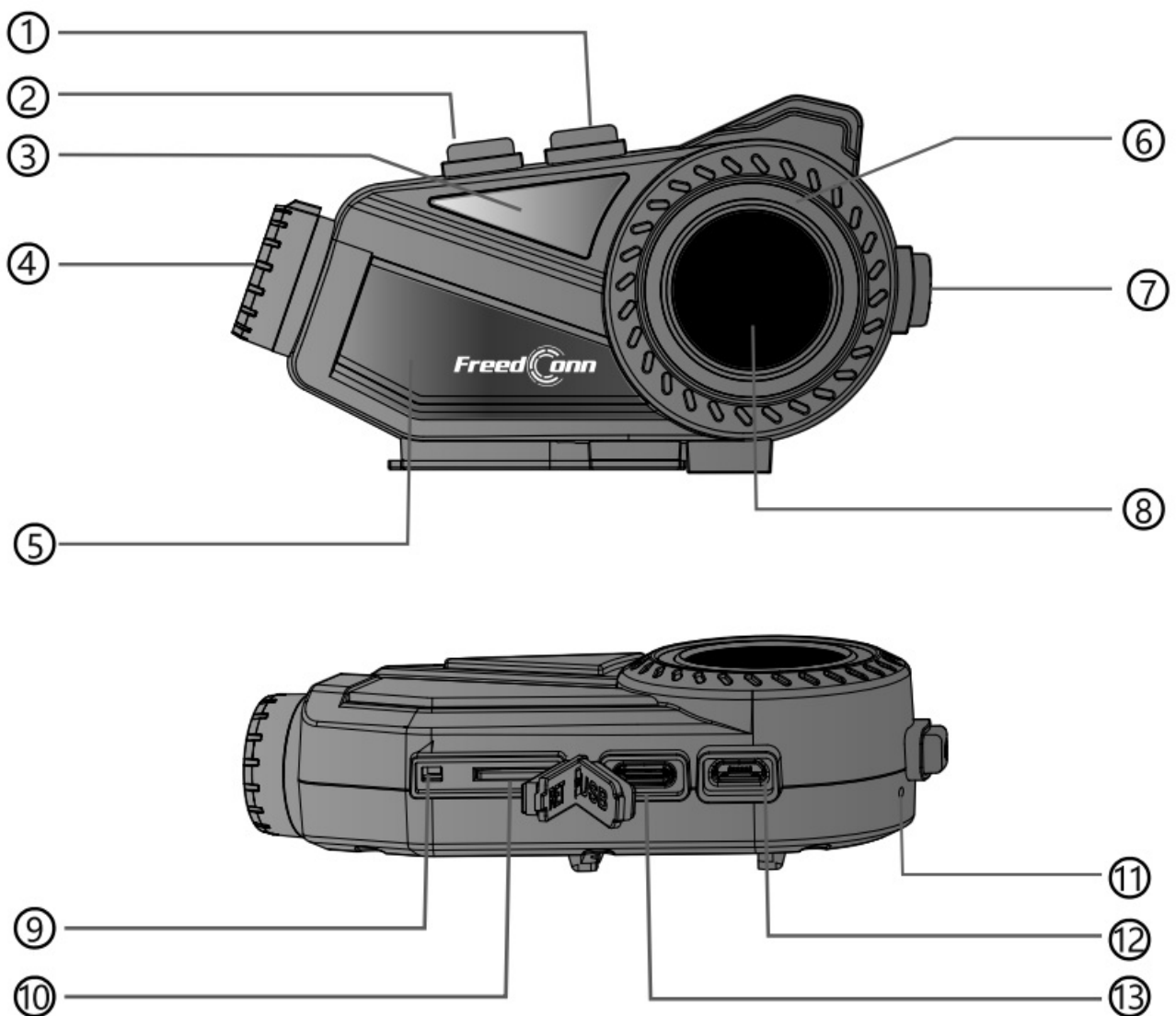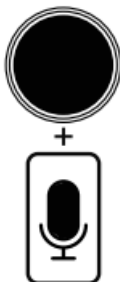| I Function	Key	Operation	Prompts	.. LED indicator light
Power on		Hold down the on/off button of Bluetooth for about 3 seconds and release it when you hear the prompt.	"Welcome to use Freed Conn product"	Bluetooth indicator light flashing in blue.
Power off		Hold down the on/off button of Bluetooth for about 3 seconds and release it when you hear the prompt.	"Power off' The red LED	indicator light is on and then goes off.
Bluetooth language switching		In the standby or music pause state, tap the multi-function button and the intercom button at the same time.	"Welcome to use Freed Conn product" in Chinese or English.	The blue LED indicator light is on and then flash twice.
	Note: You need to shut down to save the current language after switching the language(Please do not press the Reset button to shut down).			
Delete historical pairing information		In the power-on state, press the on/off button for 8 seconds.	Power off…"Clear pairing"	The red LED light will remain on for a while and Goff, then flash twice quickly.
Turn down the volume		Press the volume down button and hold on	You will hear a "toot" prompt when it reaches the minimum volume.	NA
Turn up the volume		Press the volume up button and hold on	You will hear a "beep" prompt when it reaches the maximum volume.	NA
Automatically turn off	If the device does not connect to the phone and without any operations within 15 minutes, it will turn off automatically.			

5.2. Bluetooth Pairing with Different Devices

Tip: Make sure the distance between R3 and the Bluetooth device waiting for pairing is within 1 meter visible range.

Function	Key	Operation	Prompts
Answering phone calls		Press once when a call comes in	"Call answer"
Declining phone calls		Press for 2 seconds and then release	"Call rejected"
Ending phone Kcalls		Press once during a call	2

Voice call		Hold down the multi-function button for 2 seconds.	"Voice dial"
on/off Auto-answer Function		When music playing is paused, press the intercom button and the volume up bottom to disable automatic call answering.	"Close auto answer" "Open auto answer"
Automatic answering	When the phone rings, if there is no operation , the call will be answered automatically after 15 seconds.		
Music playing and pause		Step 1: Turn on the music player in your phone Step 2: Click the knob key to play music and click once again to pause the music.	"Play music" "Pause music"
Radio ON and OFF		In standby stage,double click the knob key to turn on the radio mode and double click to turn it off.	"'Turn on the radio" "Turn off the radio"
Switching between music and radio		In music mode, double click the multi-function key to turn on radio and double click again to turn back to music mode. "Play music"	"Turn on radio"
Next song /Next FM radio channel	+	Short press once	"Next song" "Next channel"
Last song /last FM radio channe	−	Short press once	"Previous song" "Previous channel"

Tip: When the music pauses or there is no response, it may due to too much audio playing Applications are running in the background of the mobile phone. Please turn the other APP off, turn the music player on again and it will turn normal

5.4. Intercom Operation between Two R3 devices

Function	Key	Operation	Prompts	LED indicator light
Bluetooth intercom pairing between 2 R3 devices		Step 1: In the Off state, hold down the On/Off button for 8 seconds until you hear the prompt tone and release your hand. Now, it is pairable.	"Pairing"	The red light and blue light flash alternately
		Step2: Press intercom ON/OFF key to search for the other device to pair.	"Search network"	The red light and blue light flash alternately
		Step3: Pairing succeeds (Bluetooth intercom between 2 people can be started now)	"Intercom connected"	The blue light flashes regularly
	Note: If the pairing fails, please clear the historical pairing information and repeat the above operation.			
Disconnect the intercom Resume the intercom		When the two devices are in the Bluetooth intercom mode, press the intercom button to disconnect the intercom, and press again to go back to the intercom mode.	"Intercom disconnected" "Intercom connected"	

Note:

1. If there is an incoming call during intercom, the device will disconnect the intercom automatically, and resume the intercom state after hanging up the phone call.
2. If a partner user sends an invitation for intercom to you while you are in a phone call, you will not be able to accept the invitation, but there will be a "beep" prompt.

5.5. Music Sharing
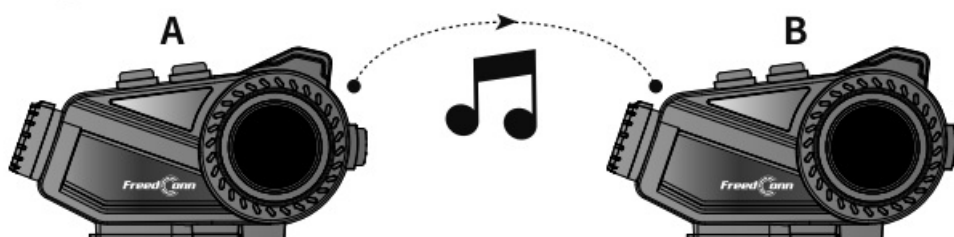
1. Make sure that both devices only keep the pairing information of each other (You can clear up all the pairing history of both devices and pair them once again)
2. Follow the methods of pairing with mobile phone in point 2 of Five above to complete the pairing between the Bluetooth and mobile phone.

3. After completing the above procedures, when A needs to share music with B, and if both A and B are playing music, B has to pause the music. Then double click the intercom key of either A or B, and both devices can listen to the music from A.

During music sharing, press the multi-function key of A to pause the music, press the multi-function key of B to exit music sharing, or press the intercom key of either A or B to exist the sharing.

(Note: If the sharing is not successful, please clear the pairing history first and then repeat the steps above.)

5.6. Intercom Connection among 6 devices and Using Methods

Note: The first user and the last user (as below A and F) can not pair with each other

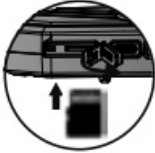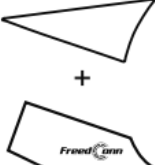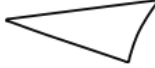| Function	Key	Operation	Prompts
Step 1: Clear the pairing history of A,B,C,D,E, F		Press and hold the ON/Off key of A,B,C,D,E,F for 3 seconds, keep pressing for another 5 seconds when you hear the prompt"power off', until you see the red light flashes twice quickly.	"Power off' …" Clear pairing"
Step 2:Pair two neighbor devices, in the order of A —>B—▪C—▪D—>E—> F		Refer to the pairing methods of two users to pair A and B, and then turn off B. (Note: When you are turning off the device, release your hand once you hear the prompt "Power off' , otherwise B will be disconnected with A.)	"Intercom connected" "Power off'
		Pair B with C, and turn off C when the pairing is finished	
		Pair C with D, and turn off D when the pairing is finished	
		Pair D with E, and turn off E when the pairing is finished	
		Pair E with F. (At this time, all the devices are power on.)	"Intercom connected"
Step 3: Create group chats		Press D once to connect with E; Press C once to connect with D; Press B once to connect with C; Press A once to connect with B.(At this time, all the devices are connected successfully and are ready for group conversations.)	"Intercom connected"
Exit group chat		When you are in a group chat, you can click the WIFI key (intercom key) to exit the chat, then the group will be split int two with you as the breaking point.	"Intercom disconnected"
Resume intercom with the front or back user		1.If you are in the first or last position of the group, click the WIFI key (intercom key) once to resume the intercom; Intercom	Intercom " connected"
		2.If you are in other positions of the group, double click the WIFI key (intercom key) to resume intercom with the upstream user (i.e.: double click the intercom key of E to connect with D), click the WIFI key (intercom key) once to resume intercom with the downstream user (i.e.: Click the intercom key of E once to connect with F).	"Intercom connected"
Incoming call during group intercom	When there is an incoming call during intercom among multiple users, you will be forced to disconnect the intercom, and then the intercom units before and after you will be split into two intercom groups. (The intercom units before you as one group and the intercom units after you as another group. When you refuse or hang up the call (within valid connection range), you will return to the previous intercom state.		

Operation of Camera Functions

Function	Key	Operation	Prompts	LED indicatc> l ight
Insert TF card		The printed side of TF card facing down and inserted it into the R3 TF card slot		
Turn on DV		Long press the video switch key for 5 seconds	"DV on"	The green light flashes
Start Recording		Press the video switch while the device is on to start recording	"Start recording"	The green light remains on
Stop Recording		Press the video switch while the device is on	"Stop recording"	The green light is off
Turn off DV		Long press the video switch key for 3 seconds	"DV off'	The green light flashes
Capture Photo		Double click the switch in the recording state	"Click"	The green light flashes
Switch DV language		Press the WiFi button and the video switch button at the same time and then release them.		The green light flashes
Restore factory settings		Long press the WiFi key for 8 seconds whilez the recorder is in standby state	"Ding,Ding,Ding"	
Switching Btw. \.. microphones		When the recorder is in standby state, click the WiFi button.	"Turned on External microphone" "Turned off External microphone";	

Tips:

1. If the memory card is not inserted, you will hear the prompt "Please insert the memory card".
2. If the video cannot be recorded after inserting the card, please format the TF card in the APP (Refer to "No. 7" for the methods).
3. When the memory card capacity is insufficient, the newly recorded video will automatically replace the first video stored in the memory card. In case the video cannot be recycled when the card is full, delete 3-5 videos, then the video can be recycled automatically. When the card is full, the video may be suspended automatically, and the video will be automatically started after the recycled videos are deleted.

TF Memory Card Formatting

Format the memory card via the APP in the mobile phone preferentially following the below operation methods:
Step 1: Press the video switch key "to start the video taking function of R3.
Step 2: Press the WiFi key for 3 seconds to turn on the WiFi
Step 3: Choose FreedConn"in the WiFi list of the mobile phone

Step 4: Turn on the APP and click to enter video taking state after R3 connecting to WiFi successfully.

Step 5: Click the icon at the upper right corner Format the device/(click sound represents formatting').
(Note: In case of any abnormal operations, you can use a computer to format it instead)
(2) Support maximum 256G memory card

WIFI Functions Introduction

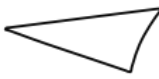| Function	Key	Operation	Prompts	LED indicator light
Turn on WiFi		On camera/DVR ON status, press the WiFi button for 3 seconds	"WiFi turn on	Green LED light fast flashing
Turn off WiFi		On camera/DVR ON status, press the WiFi button for 3 seconds	"WiFi turn off"	
Connect the WiFi of the recorder		Choose the WIFI named as "FreedConn"in the mobile phone, then enter the initial password "12345678" to connect. 2		

Tips:

1. Please make sure the camera DVR is on status before turning on the WiFi.
2. The built-in WIF function of R3 Pro is only used for the users to download videos in the APP or preview the videos online temporarily.
3. Due to limited body size and over- intensive processors, using the WIF] and the Bluetooth at the same time will cause signal interference Please turn off the WIF] when you don't need to preview or download any videos.
4. During the connection, if the mobile phone indicates The current WLAN cannot access to the internet, continue to use this WLAN or not?", you must choose yes.
5. ft he message Network access denied is displayed when you connect to the WIFI again, please turn off the recorder WIFI and restart it, refresh the WIFI of your mobile phone and reconnect.

Introduction of Video Application Usage

Tips

1. The video recording function of R3 does not need to rely on the APP to use
2. The App is only used for online preview or to download the videos recorded by R3 to the mobile phone
   The functions of the App itself do not represent the functions of R3, the specific situation shall prevail;
3. The following recommended APP is a public version produced by a third-party company and it is not FreedConn's product The third party reserves the night of interpretation.
   Issues about after-sales of the APP or about compatibility between the APP and mobile phone are not covered by FreedConn's after-sales guaranteed area
4. The recommended App is compatible with most mobile phones. If you cannot use the relevant functions normally after downloading the APP, please watch and process the recorded videos on the computer according to the 3 methods described in below.

Use a mobile phone to scan the below QR code to download "Roadcam"or "KaKa"APP to the mobile phone (Below introduction is for RoadCam):

RoadCam	KaKa
http://www.ligoor.com/app/roadcam/roadcam.html	**https://dvplayer.net/kaka.html**
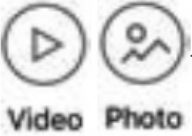
Roadcam "APP interface introduction and operation

Pic.1:

Pic.2:

Function	Icon	Operating Instructions
Video		Click the camera icon as shown in the middle of pic. 1 to enter video recording mode
Photo taking		Click the camera icon as shown in the middle of pic 2 to take photos
Check videos, pictures		Click the device's videos and photos to preview, play and download them

Note: The play option is only in the preview mode, so videos and photos will be vague and 0soundless. You need to download if you want to watch high-definition ones.

The downloaded videos and pictures can also be reviewed or deleted in the "photo album" as shown at the bottom of pic. 1. You can also use a USB cable to connect the USB port of the recorder at one end, and connect a computer at the other end. (You can also pull out the memory card and put it in a card reader which then connect to the computer). Find the USB flash drive in "my computer" and open the videos or picture files inside to play in HD (The disk can only be read when the recorder is turned on).

APP setting interface introduction

WiFi name: You can customize the WiFi name

WiFi connecting password: The password can be changed via this item, and the new password will take effect

after the recorder is restarted. (Notes: The WiFi password must include 8 digits, if the new password is fewer than 8 digits or the password is forgotten, then you won't be able to connect to the WIFI. Then you need to long press the WIFI key of the recorder to restore factory setting, so it is not recommended to change the password unless necessary.

When you change the password of the recorder without changing the WiFi name, please ignore the original network and reconnect with the new password, otherwise the mobile phone will still use the old password to connect to this WiFi.

Recording: Click to choose to turn on or turn off the audio while taking videos. If you think the video environment is too noisy, then you can turn off the audio of the video.

Video time watermark: Click to turn on or turn off the time watermark of the videos.

Recycled recording time: Click to choose the recording time of a single video from the options "off, 1 minute, 2 minutes, 3 minutes, 5 minutes and 10 minutes. Choosing the "off' option means the default recording time of a single video is 5 minutes.

Video quality: Click to change the definition of video recording.

Exposure compensation: Click to change the exposure rate of the lens.

Format the device: Click to format the TF card.

Restore factory Settings: Click to restore the factory settings of the APP.

Product specifications and Parameters

Frequency: 2.4 GHz
Weight: 95gram
Dimension: 108 x58 x31mm
Power Adaptor: DC 5V/1A
Lens: 400W pixels wide Angle
Battery Capacity: 2000 mAh
Phone Call Duration: 33 hours
Video Taking Time: 7-8 hours
Charging Time: About 3 hours
Standby Time: Standby for 15 minutes without Bluetooth connection or operation, then it will automatically turn off.
Music Playing Time: About 42 hours
(When the recorder's power low, there will be a prompt to indicate "Battery low, please charge, DV power off'; When the recorder is off due to low battery, you can still listen to music for 40 minutes by Bluetooth, which will report low battery every 15 minutes, and when the battery is too low, the Bluetooth will shut down automatically. During charging, the red light will remain on, and it will be off when the battery is full.)

About Charging and Maintenance
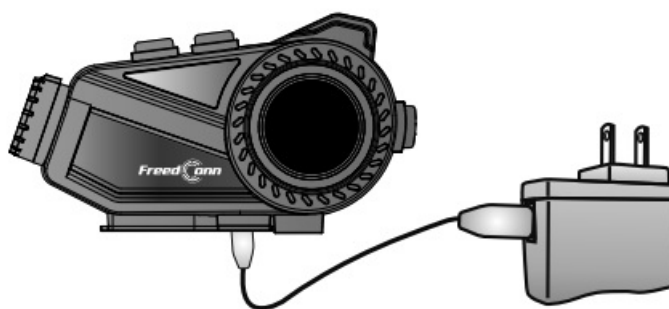
1. Before using the Bluetooth device, fully charge it.

2. To extend the life of the built-in polymer battery, please charge the device at least once a month.

3. If the red light goes off while charging, the voltage may be too low.

   It is best to charge it for 3 hours and then recheck if the Bluetooth receiver has been successfully charged.

4. Please don't put the product in en environment with too high (or too low). temperature. The best storage

   environment temperature is-4 to 60 degrees, otherwise the life of the product will be shortened.

5. Stay away from fire.

6. Keep away from sharp objects, which may cause scratches or damage to the product.

7. Don't attempt to disassemble the headset.

8. Please put the headset in a dry environment when it is not used for a long time, and make sure to charge it once a month o guarantee its performance.

   Charging reminder: (1) It can only be charged normally through the original charging cable of the product with the charger plug and not through computer or other ways. (2)Non-original charging cable will lead to abnormal production functions, so please avoid using it to charge the device.

Trouble Shooting

1. Bluetooth is off

   In the case that the recorder can be turned on but the Bluetooth can not, it is normally because the Bluetooth failed to reset during shutdown. Now press the reset key on the device for over 3 seconds, then it can reset successfully. Plugging in the charger to reset is also applicable.

2. The recorder can not be turned on

   If the recorder can not be turned on when it is with sufficient battery capacity, it is usually because the recorder is not reset successfully when it was shut down. At this time, you only need to press the reset key on the device for about 1 second, then it is reset successfully. You can also plug in the charger to reset it. (Charging while the recorder is on will not make it reset.)

3. There is a lag of music playing while checking videos in the application.

   While you are checking videos in the application, the video code stream is too large, So it will interfere with The Bluetooth. You need to turn off the Bluetooth temporarily.

   You can turn on the Bluetooth after exiting the APP.

4. There is a "crackling'"noise when the phone is playing videos Turn off the 4G traffic and WIFI before playing the videos downloaded via the APP for the first time, then the "cracking "noise will not appear again.

5. When the music playing operation does not respond properly Solutions: 1. Try to use the built-in player in the mobile phone.

   Try to exit or turn off the other running audio players.

6. When listening to audios from Wechat or Tik Tok, the APP is mute or has other abnormal situations.

   Please turn off the audio player running on the backstage and re-enter to listen.

7. When the WiFi is on, the mobile phone can not find the Freedconn network? Or the Freedconn WiFi can be found but can not be connected?

   Your mobile phone may not be compatible with the WiFi software version, and you need to upgrade the WiFi software of R3. To solve this problem, please contact the manufacturer for upgrading by emailing the after-sales service or through the WeChat public account.

8. The TF card still can not be used normally after trying many ways to format it?

   Suggest that you choose a high speed card Class 10 or above, an authorized edition memory card with 64G capacity. High-quality TF cards have longer service life than low-quality ones.

   If the video screen is blurred and the frame rate decreases, replace the card with a new one.

   The higher the quality of TF cards, the longer they will last. And vice versa.

9. The lens is covered with fog or water droplets?

   It is caused by the temperature difference between internal and external of the body, and they will volatilize

naturally after placing aside for a period of time.

10. After-sales Service

If you encounter other problems during the use of the product, you can scan the following QR code to enter the technical support page of the official website to find the corresponding solution.

After-sales Service

If you encounter other problems during the use of the product, you can scan the following QR code to enter the technical support page of the official website to find the corresponding solution.

After-sales technical support
https://www.fdcdz.com/service.html

Documents / Resources

	FreedConn R3 Bluetooth WiFi Recorder [pdf] Instructions 2ACB3-R3, 2ACB3R3, BL06.0050.0665, R3, R3 Bluetooth WiFi Recorder, Bluetooth WiFi Recorder, WiFi Recorder, Recorder