

Dellking[®]

Helmet Bluetooth Headset User Manual



Model : F1

Please read below content carefully before using

Thanks for purchasing F1 Bluetooth helmet intercom headset, may you will enjoy it. Please read the “Safety Instructions” before using the product for your safety and correct use.

Caution

Do not immerse in water to avoid damaging the product as well as shortening its lifetime.
DO NOT drop or apply shock to the product. Such act may cause irreparable damage to the product.
DO NOT expose the product to open flame or under the direct sunlight for a prolonged period of the time. Such environment may cause malfunction or fire.

Please do not change the setting or talk on the cell phone while driving. It may cause an accident. Please note: in no event our product shall be liable for any special, indirect, punitive, incidental, exemplary or consequential damages, or any damages whatsoever resulting from the usage of this product.
Conversation on the cell phone when driving is extremely dangerous. Please go out of the road for doing the telephone call.
If anything unusual such as smoke, heat or bad smell is detected, please disconnect immediately the power and stop the usage. Continuing the use may cause electric shock or fire.

DO NOT lick, bite or put the product into the mouth. Such act may result in serious injuries/accidents. Take utmost caution around children.
DO NOT change the mic when it gets wet. With water exposure, it may cause fire, electrification or failure.
Temperature range of use: -15°C -50°C
Please use only qualified accessories which have been authenticated by us, in order to guarantee the product correct functioning.

Note on battery charge

For battery charge, use USB terminal or USB adaptor at normal temperature.
Use regulation USB terminal only. Otherwise it may cause smoke generation or fire.
When charging the battery, if any strange odor or high heat should broken out, please immediately pull the plug from the body. It may cause smoke generation or fire.
Do not leave the product in a state of charge long after the charging is completed. Such condition may cause smoking/ignition.
Charge battery at least once every six months even if the product is not use for an extended period of time. Over discharge may require battery replacement.

Product Overview:

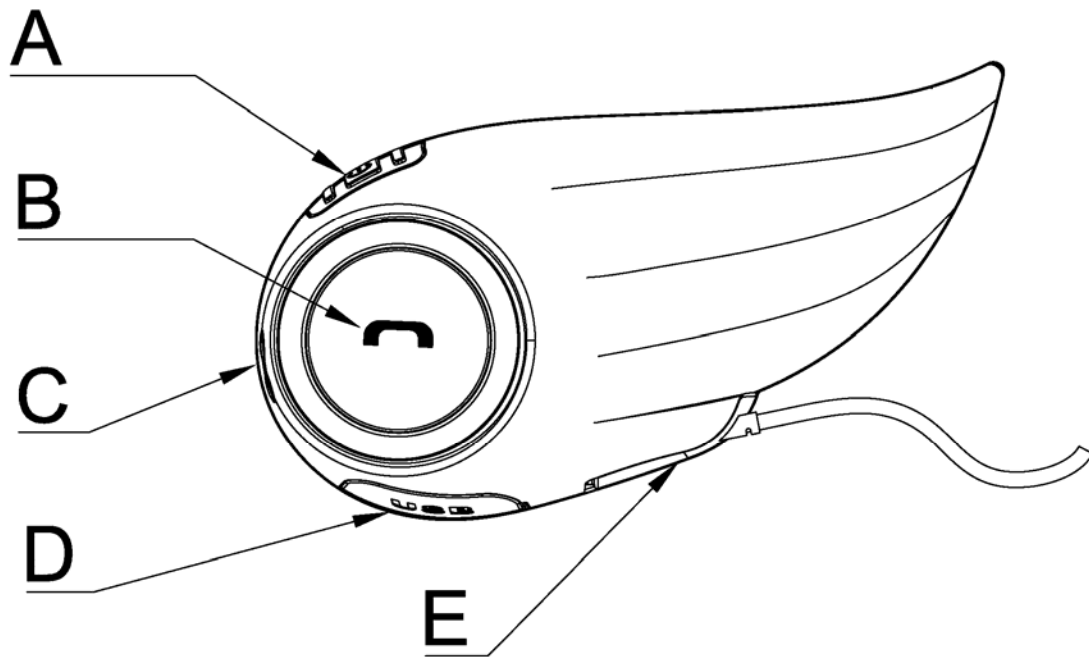
A. Power on/off Button/Pairing Button

B. Multi-functional Button

C. LED Indicator

D. Charging

E. Headset jack



About Charging

LED flash indicator	Indicated State
LED Indicators off	Power off
Red/Blue lights flashing alternately	Pairing state
Blue light flash every 1 secs.	Standby/working state
Red light flash every 3 secs.	Battery is low
Red light flashing every 1 seconds	Charging
Red light is on for a long time	Charging completed

Technical Specification

Name of Product	Helmet Bluetooth Headset
Model	F1
Microphone Type	DSP Noise Suppression MIC
Bluetooth Version	V3.0 Class 1
Chip	CSR BlueCore5MM
Bluetooth Profile	HSP, HFP, A2DP, AVRCP, INTERCOM
Operation Range	10 meters
Intercom Range	Up to 800 meters
Frequency Range	2.402-2.480GHz
Sensitivity	-80db
Transmitting Power	16dB(max)
Charge Time	About 3 hours
Music Play Time	About 10 hours
Cell Phone Talk Time	About 10 hours
Intercom Talk Time	About 8 hours
Standby time	About 100 hours
Working Temperature	-15℃～50℃
Storage Temperature	-25℃～60℃

How to fit

It's very easy to fit F1 on your helmet. Please follow below steps:

1. Removing adhesive protective sticker from back of Velcro pieces and firmly applying one speaker to ear pocket inside helmet on right side.



2. Applying the other speaker to ear pocket inside helmet on left side and applying the microphone support also on the left inner liner of the helmet.



Note: Please pay attention to the site of the microphone to ensure crystal

voice, the white dot on the microphone support should be exactly opposite to the mouth and the distance between the microphone and mouth should be no more than 2cm, improper installation may led to low voice or even no voice.

3.Putting the wires behind the inner liner of the helmet.



Putting the wires behind the inner liner

4.Sticking the F1 main unit by Velcro tapes on proper site on the helmet.



Installed F1 Headset

Main Features



telecom

- Hands free, when connected with mobile phones with Bluetooth function can realize hands free call-answering
- Voice dialing
- Last number redial
- Automatically/Manually answering/rejecting/hanging up



intercom

- Support 800m max range full duplex intercom.
- With DSP wind noise suppression to ensure the crystal clear voice quality when speeding along the highway.
- Intercom states prompts.



music

- Support the A2DP.
- Sharing the music from the mobile phone or other music sources with A2DP.
- Support music play, pause, playback and forward control with AVRCP.



Can connect with following dual link pairs

- Two mobile phones
- On mobile phone and one radio phone with DELKING Bluetooth adapter/dongle device
- One cell phone and one GPS navigator with Bluetooth HFP/HSP profile
- One radio device with DELLKING BT Adapter/Dongle and one GPS navigator with Bluetooth HFP/HSP profile



- Can listen the merged audio from both connected devices or talk group at the same time
- Can listen to GPS messages even during active call
- Can listen and speak to walkie-talkie radio even during active call
- High security and privacy level, only the user can hear from the conversation from both far ends, the audio from two other far ends are completely blocked, and can not listen to each other to prevent information leakage to unwanted person.



gps

- Support connecting with the GPS Navigation.
- Sharing the audio from the GPS Navigation.



USB setup

- The USB port is for power charger only



- Connect with DELLKING Bluetooth adapter/dongle
- Switchable PTT function, can select to control two radio phones
- Mix listen to two radio phone, and talk to one radio at the same time
- Mix listen and talk with one radio and one phone



remote control

- One button and 5 buttons finger remote control supported
- 3 hour charging
- 100 hours working time

How To use

Power on/off

In power off state, press **Multi-functional Button** and hold it for about 3 seconds, release the button when the led indicator flash blue indicating the headset is been powered on successfully.

In power on state, press **Multi-functional Button** and hold it for about 6 seconds, release the button when the led indicator flash red indicating the headset is been powered off.

Pairing Two Bluetooth Helmet Intercom headsets

To conduct duplex talk-back between two helmet Bluetooth headset, they need to pair with each other for using at the first time, and the pair info will be saved for using next time (it pairs each other automatically). Follow the instruction below:

- ① Place two Bluetooth headsets in a visible area together (distance less than 1 meter range), and make sure there is no other Bluetooth headsets in pairing state within 10M around, and both of the Bluetooth Helmet Intercom headsets are in power off state.
- ② Press and hold **Power on/off Button** of both Bluetooth Helmet Intercom headsets for about 8 seconds, when the led indicators of both headsets flash red and blue quickly and alternately, release both buttons, at this moment, the two Bluetooth Helmet Intercom headsets are in pairing state. Then short press either of pairing button, the pressed Bluetooth Helmet Intercom headset will search another in pairing state one and try to pair with it.
- ③ Once paired success, both Bluetooth Helmet Intercom headsets indicators will become flashing blue slowly.

Pairing between F1 Bluetooth headset and Mobile.

- ① Place the F1 Bluetooth Helmet Intercom headset and the mobile phone in a visible area within 1 meter range.
- ② Make sure the Bluetooth Helmet Intercom headset is in power off state.
- ③ Press and hold Power on/off Button for about 8 seconds, release the button when the led indicator flash red and blue quickly and alternately, then the Bluetooth Helmet Intercom headset is in pairing state now.
- ④ Follow the user manual of your mobile phone, turn on the Bluetooth function, and searching

the Bluetooth headset devices.

⑤ From the found devices in your mobile phone, select the device named “F1”, and then connect to pair with it, when it prompts to enter password, enter password <0000>. Once paired successful, LED Indicator will change from Blue/Red alternately to Blue flashing. Now you can use the headset to answer you phone call, or enjoy the music from your mobile phone.

PS: Pairing password may be not necessary for some mobile.

Function Operations



Phone call

① Answer incoming call

When there is an incoming phone call, press **Multi-functional Button** once to answer the call or the headset will connect the call automatically if there's no operations for about 10s .

② Reject incoming phone call

Short press **Multi-functional Button** for about 1s to reject an incoming phone call.

③ Hang up call

In call active state, Short press **Multi-functional Button** for 1s to hang up the call.

④ Last number redial

Rotating the Multi-functional Button to the left (forward) twice, then the Mobile phone will dial out the last call out number.

⑤ Voice Dial

Rotating the **Multi-functional Button to the right (backward)** twice, then the mobile will prompt you to speak out your desired information. (only when headset is in standby state, or music play paused state.)

(Note: The above function requires the mobile phone supports HFP Bluetooth Profile, and please make sure your Mobile Phone supports Voice Dial before activate Voice Dial function.)



Bluetooth Intercom talking

① Turn on Bluetooth Intercom talking function

F1 Bluetooth Intercom headset has memory function. When they paired successfully once, they will remember each other. You can start the intercom directly when both of the headsets are powered on.

② Turn off Bluetooth Intercom talking function

Either of Bluetooth Helmet headset users want to turn off the Intercom talking function, just short

press the Power on/off button once to end the intercom; if one user want to turn on the intercom talking function again, then short press the power on/off button once or say “Hello” loudly to the microphone, then the Intercom call will be activated.



Stereo music play control and Volume control

① Play forward/backward

Rotating the **Multi-functional Button** to the right (backward) to select next music. Rotating the **Multi-functional Button** to the left (forward) to select the previous music.

② Pause/Play

Short press the **Multi-functional Button** once, the music can be paused or played.

(Note: The above function requires the mobile phone supports Bluetooth A2DP and AVRCP)

③ Volume control

To adjusting voice volume during the phone call state, Music playing state and FM radio playing state, quickly and sustainably rotating the **Multi-functional Button** to the right (backward) to turn up the volume; quickly and sustainably Rotating the **Multi-functional Button** to the left (forward) to turn down the volume. Release the Button till you feel good. When reaching the maximum or minimum volume, a “Di Dong” tone will be played.



Dual-link

(two mobile phones or one Mobile Phone GPS or Bluetooth Device)

① Pairing the Bluetooth headset and the mobile phones (GPS or Bluetooth Device).

② Connected with the Bluetooth headset, when there's incoming phone calls, press the **Multi-functional Button** to answer the call or the headset will auto connect the phone if there's no operations for 10s; the incoming call for the other mobile can be answered only by press the **Multi-functional Button** once.

③ Double press the **Multi-functional Button** to hang up the first call; short press the

Multi-functional Button for 1s to end up the second incoming call.

④ Press the Multi-functional Button once to pause the music, then long press the **Multi-functional Button** for about 1s to transfer to music of the other mobile, press the **Multi-functional Button** once then the music of this mobile phone can be played.



GPS navigator

Make sure the GPS have the Bluetooth function. After pairing and connecting, the voice can be shared from the GPS navigator.



USB setup

Connection to a PC

The F1 Speaker Hand-mic can be connected to a Windows PC for charger by proper USB cable.

Please refer to the following steps:

First power off the F1, then connecting the F1 Bluetooth headset to a PC by proper USB cable.

Once such a cable is inserted into both the F1 Bluetooth headset and PC USB port, the F1 is put into the battery power off charging state.



PTT Function

① This function need to use with Bluetooth dongle made by Dellking, users can control his walkie-talkie radio to talk by wireless PTT,

② Pairing headset with Bluetooth adapter (users can refer to the method of adapter using manual to

pair);

③When pairing successful, the **Multi-functional Button** of the headset will work as a remote PTT button to control the two-way radio that connects with the Dellking adapter; when the headset is connected with the adapter, user cannot use the **Multi-functional Button** to control FM any more or the music from the mobile phone. The media control can only be restored after can be played only when the headset is disconnected with the adapter;

④Power off the Dellking radio adapter to disconnect with with the headset, the function of the Multi-functional Button to control A2DP music, FM can be restored;

⑤Dellking adapter will occupy one HSP/HFP link, if one adapter is connected with the Bluetooth headset, then there's only one mobile phone can be connected to the headset;

⑥When the adapter connects with the headset, if there is still another mobile phone also connected with the headset, the phone call from the mobile phone can also be answered and hang up, short press to answer the call and double press the **Power on/off Button** to hang up or reject the call.



Connecting with Bluetooth remote control

This function need to use with Dellking Bluetooth remote control, like BTR-001 or BTR-005.

Please refer to the following steps:

Long press the Power on/off Button of F1 Bluetooth helmet headset for about 8s, release the button when the LED indicator becomes flash red and blue alternately, at this moment, F1 is in pairing state;

Long press the Power on/off Button of bluetooth remote control for about 6s, release the button when the LED indicator becomes flash red and blue alternately, at this moment, remote control is in pairing state;

When both indicators of the headset and remote control shift to flash blue slowly, indicating pairing successfully.

When pairing successfully, the Power on/off button of the remote control act as a multi-functional button, now you can control calls and music by remote control.

FAQ:

1.Can not power on

It might low battery, please try again after charging for 3-4 hours,then plug and unplug the USB connector to reset the device.

2.Not sound

Please check if the speaker is correctly fixed, or the volume is too low.

Is the sound channel switch in the correct position?

3.Speakers have echo

Maybe they are too close to the microphone, please move the speakers away from the Microphone to a normal distance.

4.Disconnect with mobile phone

Make sure if it is low battery, if not, the distance between the headset and mobile phone within 10m or between them exist obstacles that absorb frequency signals like metals or water ?

5.Can not pair with mobile phone

Clear all the pairing information according to user manual, and then put the headset and mobile phone together within 1m and try to pair after entering password 0000.

6.Fail to connect with mobile phone

Please make sure the mobile phones support Bluetooth function and Bluetooth HFP, A2DP and AVRCP or other related protocols.

7.Fail to reconnect or automatically reconnect with mobile phone

Remove all the matching information according to Bluetooth headset manual as well as that of your phone. Then turn off your mobile phone, take out the battery for several seconds, restart mobile phone and pair with Bluetooth headset again.

8.System halted

The system halts when strong radio frequency interface occurs. Like when nearby high power

TV transmitting tower, GSM base or airport radar, the headset would crash. It can be reset by charging after get away from interface software.

9.Abnormal instruction of charging indicator

A.When the headset haven't been used for long time or overused, it need to be pre-charge for an Hour, then pull out and insert the charger, it will indicate normal charging. Please don't count the pre-charging time into normal charging time.

B.Try another charging cable or charger

10.Whether or not support using while charging

No, we don not recommend user to use while charging.

11.Compatibility with other chargers

Cigarette lighter charger of the motorcycle, emergency battery pack or other type charge might be used for charging as long as their actual output voltage is between 5V to 6V and have the same plug style and power source positive and negative polarities with our initial charger.

However the user will be responsible for the risk of using other chargers and we don't Guarantee the effects.

12.Wrong operation into test mode or USB upgrade mode

Because of wrong operation and going into the test mode or USB upgrade mode, the set must be charged for one or two seconds to reset.

13.Please send back your helmet headset to our after-sales service department for help if above 1 to 12 suggestions fail to solve your problem.



Dellking

Guarantee Card

User information

Name	
Product model	
Purchase time	

Repairing Record

Repairing date	Problems and solutions	Repaired date	Customer signature

Guarantee items

We provide reliable after-sales service for our customers, please return the product to the local supplier if there's any quality problems. Customers also can refund or exchange the product for no reasons within 7days once purchasing.

The following situations are not guaranteed for free repairing or refund or exchange:

- 1.Damage due to incorrect installation ignoring the user manual
- 2.All damage due to man-made and other accidents
- 3.Damage due to unreasonable refitting and repairing without Dellking's confirmation.
- 4.The scratch on the product surface.
- 5.The guarantee period is over.

FCC Warning:

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.

Any Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

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.

The SAR limit of USA (FCC) is 1.6 W/kg averaged over one gram of tissue.

Device types F1 (FCC ID: 2AIO2-F1) has also been tested against this SAR limit. The highest reported SAR values for body-worn accessory is 0.12 W/kg respectively. This device was tested for typical body-worn operations with the back of the device kept 0mm from the body. To maintain compliance with FCC RF exposure requirements, use accessories that maintain a 0mm separation distance.