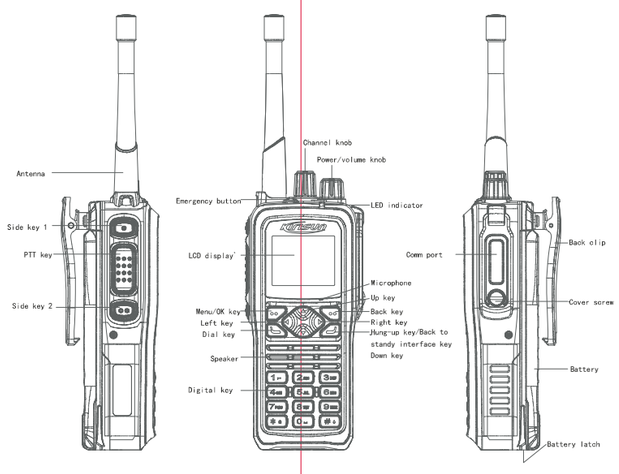
DP810&DP815 Digital Explosion-proof

Two-way Radio User Manual

Please read the Security Information and Warranty Card carefully before using this product.

Product Overview

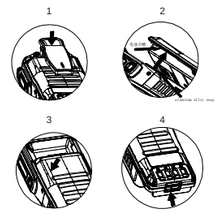


Packing List

No.	Item Name
1	Radio
2	Battery
3	Antenna
4	Adapter
5	User manual
6	Security Information and Warranty Card
7	Explosion-proof safety information card (for explosion-proof machines)
8	Lanyard
9	Charger

Battery Installation

1. Gently press the upper end of the back clip to make the back clip pop up.
2. Align the battery snap with the main radio aluminum alloy snap.
3. Lower the battery into the main radio battery slot.
4. Push the battery to the correct position.



Battery\Radio Charging

1. Plug the power adapter in the proper socker of AC
2. Plug the cable of the power adapter at the back of the socket, and the green indicator glows.
3. Plug the battery or radio in the charger. Make sure that the battery is in power contact with the charger terminal, and the red indicator glows.
4. After the battery is charged for 5 hours, the red light goes out, indicating that the battery is fully charged. When the green indicator glows, keep the battery one the charger for 1~2 hours before taking it out so as to achieve the optimal performance
5. Take out the power adapter from the socket of AC power output.

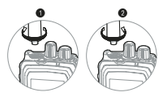
Attention:

1. The battery is not charged before delivery from the factory, so please charge the battery before your first use.
2. If the battery which is stored for over 2 months or a new battery is charged for the first time, it should be charged repeatedly to gain full battery capacity. The battery should be at least charged once every three months.
3. When the battery is fully charged or the battery power is above the level of low power alert, do not charge the battery, or it may affect the battery life and performance. Please take out the battery from the charger after it is fully charged.
4. When the radio enters the state of low voltage alarm, please charge the battery before using it and do not force to power on radio in case that the battery life and performance is impaired.



Install/Uninstall Antenna

As shown in ①, align the antenna with the interface at the radio top, and turn it clockwise to fasten.
For uninstall the antenna, tum the antenna counter-clockwise as shown in ② to take it out.



Hotline: 400-700-9995

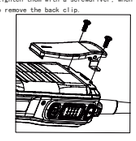
Fujian Kirisun Communication Ltd,.

Version: V1.0

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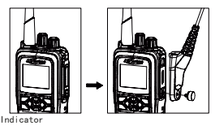
Install/Remove Back Clip

Align the two screws of the back clip with the two screw holes on the back of the mainframe and tighten them with a screwdriver; when removing, loosen the two back clip screws to remove the back clip.



Install Accessories

Insert the external audio accessories into the comm port and fasten it with screws.



LED Indicator

LED indicator state	Terminal state
Red light on	Transmitting signals
Green light on	Receiving a signal (voice, message, data) or detecting activity on the channel.
Orange light on	The radio receives the call within the automatic reset time (Analog). During call hang time(Digital).
Orange light flashing	The radio is in an alarm state or receives a call prompt, or during a channel scan.
Red light flashing	The battery is low or is receiving an emergency alarm, or the radio fails to post, or is reading / writing frequency.

LCD Display

	Battery indicator Less space indicates more battery power when the battery is low the icon will turn red.
	Signal strength More bars indicate strong signal and less bars mean weak signal, it only shows up when receiving.
	High power
	Low power
	Mute
	Unread message
	State message
	Full mailbox
	Keypad lock
	Emergency mode
	Encryption
	Man Down
	VOX
	Initiating a call
	Receving a call
	Alarm
	Talk around
	Roam
	GPS enabled, but avaitable GPS data not received
	GPS positioned
	Icon rotation, scanning channel
	The scan stays on normal channel
	The scan stays on priority channel 1
	The scan stays on priority channel 2
ID type	
	Single call
	Group call
	All call
Menu option selection	
	This option selected
	This option unselected

Basic Operation

1. In the power-off state, turn the knob clockwise until you hear the "pa" sound to power on. The LCD display shows the boot screen, and the backlight turns on automatically. The radio emits a "Didi" tone.
In the power-on state, turn the knob counterclockwise until you hear the "pa" sound to turn it off.
2. Select channel.
In the standby interface, rotate the channel knob to select the channel.
Each channel of the radio can be configured as an analog channel or a digital channel, and the channel knob can be rotated to switch between the analog channel and the digital channel.
3. Adjust volume.
In the power-on state, rotating the power knob can adjust the volume, rotating clockwise can increase the volume, and rotating counterclockwise can reduce the volume.
After rotating counterclockwise to the minimum volume, if you continue to rotate, the machine will be turned off when you hear the "pa" sound.
4. Initiate a call.
1) Initiate a call to default contact.
If your device has a default contact in the current channel, you can press and hold the PTT key to initiate a call directly to the default contact.
You can preset a default contact for each digital channel through the reseller.
2) Select a contact and initiate a call. Go to the contacts menu, select the contact you want to call in the contact list, and press and hold the PTT key to initiate the call.
3) Dial manually and initiate a call.
Go to the contacts menu, choose Manual Dial, and enter the ID you want to call, and press and hold the PTT key to initiate the call.
5.Receive a call
When a call is received, the radio automatically switches to the receiving state.
1)LED green light on
2)LCD display call type icon(single call, group call), alias or ID, and incoming call icon.
3)Play the received voice
4)While waiting for another user to stop calling, you can immediately press and hold the PTT key to call back the current contact during the call hang time.
Attention:
To receive calls from a group, the radio must be set to be a member of the group (the dealer can write through the frequency writing software)
6. Emergency alarm.
In case of emergency, you can send an emergency alarm message with confirmation and an emergency voice to the specified user group through the emergency alarm function. You can initiate an emergency alarm at any time, even if the current channel is receiving a signal.
7.Call log
Through the call logging feature, you can view and manage recent out call, incoming call and missed calls. The call record saves only single call and does not record the group call.
8. Connect Bluetooth device (non-standard feature).
There are two ways to connect Bluetooth devices:
1)In the search device interface, select a device to connect.
2)If there is a Bluetooth device that has been connected to this device before, when the Bluetooth of this device is turned on, it will connect automatically.

Common Failure and Troubleshooting Methods

No.	Phenomenon	Gauses and troubleshooting methods
1	Fail to power on	A. Whether the battery has power, if the battery is insufficient, please recharge or try again with a new battery. B. The power connection contact is out of contact with the battery, reinstall and try again. C. The battery contact is dirty or damaged, resulting in poor contact. Clean the battery contact and try again.
2	Unable to receive signal	A. The two radio frequencies do not match, reselect the channel with the same frequency. B. The CTCSS/CDCSS signalling are different, so reset them up through computer. C. Out of range.
3	Unable to talk	A. The two radio frequencies do not match, reselect the channel with the same frequency. B. The CTCSS/CDCSS signalling are different, so reset them up through computer. C. Out of range.
4	GPS does not locate	A. Check whether the antenna is a dual-mode antenna, if not, replace it with a dual-mode antenna. B. Check whether the GPS setting status is correct, if not, reset. C. The device is in a signal shielded environment, please re-position in an open area.
5	Programming abnormal	A. The connection is incorrect. Check whether the connection is correct. B. Whether the computer USB driver is installed, if not, install it. C. Poor contact with the headphone interface board, check whether the interface board is good, if not, replace the headphone interface board.

CE Warning
1. Risk of explosion if battery is replaced by an incorrect type. Dispose of used batteries according to the instructions.
2. The product shall only be connected to a USB interface of version USB2.0 or higher.
3. Adapter shall be installed near the equipment and shall be easily accessible.
4. The operating temperature of the device can't exceed 55℃ and shouldn't be lower than -20℃.
5. The plug considered as disconnect device of adapter.
6. The device complies with RF specifications when the device used at 20cm from the body.

Hereby, Kirisun Communication Co.,Ltd. declares that this product is in compliance with essential requirements and other relevant provisions of Directive 2014/53/EU. This product is allowed to be used in all EU member states.

FCC/IC Warning:
Any 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.

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.

Pour contrôler votre exposition et garantir le respect des limites d'exposition en milieu professionnel / contrôlé, respectez toujours les procédures suivantes.
Des lignes directrices:
• Ne retirez pas l'étiquette d'exposition RF de l'appareil.
• Les instructions de sensibilisation de l'utilisateur doivent accompagner l'appareil lorsqu'il est transféré à d'autres utilisateurs.
• N'utilisez pas cet appareil si les exigences opérationnelles décrites ici ne sont pas satisfaites.

Mode d'emploi:
This radio is designed for and classified as Occupational/Controlled Use Only, meaning it must be used only during the course of employment by individuals aware of the hazards, and the ways to minimize such hazards; NOT intended for use in an General population /uncontrolled environment.
- DO NOT operate the radio without a proper antenna attached, as this may damage the radio and may also cause you to exceed RF exposure limits. A proper antenna is the antenna supplied with this radio by the manufacturer or an antenna specifically authorized by the manufacturer for use with this radio.
- DO NOT transmit for more than 50% of total radio use time, more than 50% of the time can cause RF exposure compliance requirements to be exceeded.
-This transmitter may operate with the antenna(s) documented in this filing in Push-to-Talk and body-worn configurations. The device complies with RF specifications when the device used at 25 mm from your front face and 0 mm from your body

The final interpretation of this manual is vested in Kirisun.
Any product changes shall prevail without prior notice.