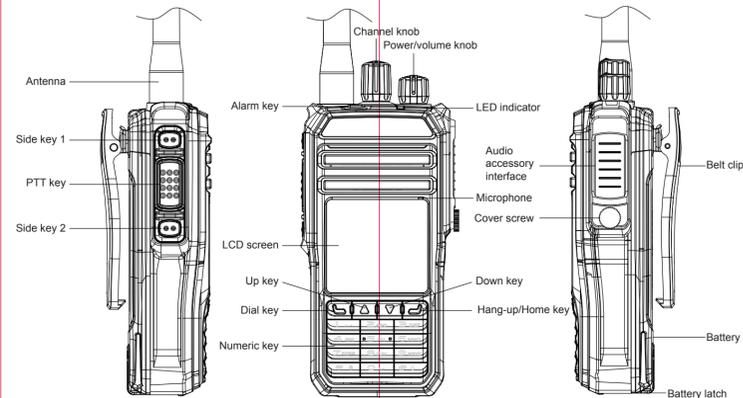




### DP680 Digital Two-way Radio Quick Start Guide

Please read carefully the Safety Information and Warranty Card before using the product

#### Appearance

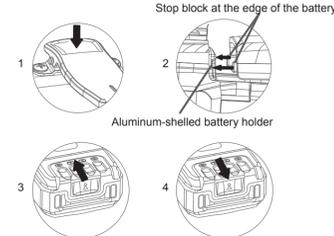


#### Attachments

NO	Item
1	Main unit
2	Battery
3	Antenna
4	Power adapter
5	User manual
6	Safety Information and Warranty Card
7	Safety Information Card (for intrinsically safe radio)
8	Strap
9	Desktop charger

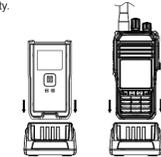
#### Installing/removing the battery

- Press gently the upper part of the belt clip so that it springs up.
- Align the battery with the battery holder at the back of the radio, and then insert the battery.
- Push the battery in the direction indicated until the latch is in position.
- Press the low part of the battery until it is latched.



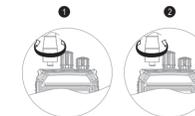
#### Charging the battery

- Plug the power adapter into an AC power socket of the required specifications.
  - Connect the power adapter to the charger, and green LED indicator light is on.
  - Put a battery or the radio installed with a battery into the charger, and make sure the battery contacts well the charging contacts. During charging, red indicator light is on.
  - It takes about 5 hours to fully charge the battery, and then the LED indicator light turns green. After this, wait 1 to 2 hours before taking out the battery to achieve the best performance.
  - Disconnect the power adapter from the socket.
- Note:
- The radio is delivered uncharged. Before using it for the first time, please charge the battery.
  - Always use the supplied lithium battery and desktop charger.
  - A new battery or one that has been stored for more than 2 months after charging needs to be charged for several times to achieve its normal capacity.



#### Installing/Uninstalling the Antenna

Insert the threaded end of the antenna into the antenna interface, and rotate the antenna tight clockwise.  
To uninstall the antenna, rotate it counterclockwise.



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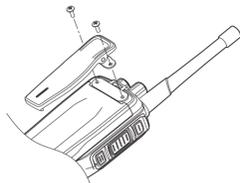
Version: 1.0



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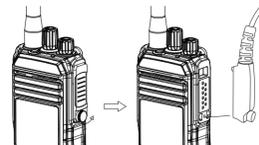
#### Installing/Uninstalling Belt Clip

Align the two screw holes of the belt clip with the screws holes at the back of the radio, and screw up the screws using a screwdriver.  
To uninstall the belt clip, unscrew the screws and take off the belt clip.



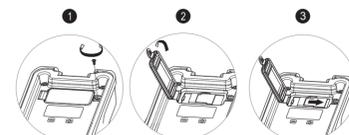
#### Installing Audio Accessory

Connect an audio accessory to the audio accessory interface, and fasten it using the screw.



#### Installing/uninstalling TF card

Screw down the screw fastening the TF card cover using a Philips screwdriver.  
(1) Rotate the cover leftwards to the edge of the aluminum housing.  
(2) Push the TF card rightwards and take it out.  
(3) To install a TF card, perform the above operation reversely.



#### LED Indicator

Indicator State	Radio State
Red light on	Transmitting signals.
Green light on	Receiving signals, e.g. voice, text message and data.
Orange light on	Within call hang time (in digital mode) or auto reset time (in analog mode).
Orange light flashing	In emergency state, missed a call, receiving a call alert, or scanning.
Red light flashing	Low power, receiving emergency alarm, failed startup self-detection.

#### Icons

	<b>Battery Level</b> The less blank in the icon, the more remaining battery, and vice versa. When the battery is out, the icon turns red.
	<b>RSSI</b> The more bars, the stronger the signals, and vice versa. This icon is displayed only when signals are received.
	<b>High-power transmission</b>
	<b>Low-power transmission</b>
	<b>Mute</b>
	<b>New message</b>
	<b>Status message</b>
	<b>Inbox full</b>
	<b>Emergency alarm mode enabled</b>
	<b>Encryption mode enabled</b>
	<b>Man Down enabled</b>
	<b>Voice Operated Transmitting enabled</b>
	<b>Initiating a call</b>
	<b>Receiving a call</b>
	<b>Talk-around mode enabled</b>
	<b>Roaming enabled</b>
	<b>GPS enabled but no GPS data received</b>
	<b>GPS data received</b>
	<b>Scanning (and the icon rotating)</b>
	<b>Dwell on conventional channel during scan</b>
	<b>Dwell on priority channel 1 during scan</b>
	<b>Dwell on priority channel 2 during scan</b>
<b>ID type</b>	
	(Call type) individual call
	(Call type) group call
	(Call type) all call
<b>Menu item selection</b>	
	Item selected
	Item unselected

#### Basic Operation

##### 1.Powering On/Off

To power on the radio, rotate the Power/Volume knob clockwise until you a click. The welcome page is displayed, the backlight is on, and there is a "beep" sound.

To power off the radio, rotate the Power/Volume knob counterclockwise until you a click.

##### 2.Selecting a Channel

In standby state, rotate the Channel knob to select a channel. Each channel can be set to an analog or a digital channel, and you can switch between analog and digital modes by rotating the Channel knob.

##### 3.Adjusting the Volume

When the radio is on, turn the Power/Volume knob clockwise to turn up the volume, or counterclockwise to turn it down.  
Note: If you continue to rotate the knob after turning to the minimum volume, the radio will be powered off and you will hear a click.

##### 4.Making a Call

- Calling a Default Contact  
If a default contact is already set for a channel, you can call the contact by holding down the PTT key.  
You may have a default contact set by your dealer for each digital channel.

- Selecting and Calling a Contact  
In the menu, select Contact, select a contact from the Contact List, and hold down the PTT key.

- Dialing to Call a Contact  
In the menu, select Contact, select Dial, dial a contact's ID, and hold down the PTT key.

##### 5.Receiving a Call

When the radio receives a call, green LED indicator light is on, the call type, caller alias or ID, and incoming icon are displayed on the screen, and the received voice is played. During the call hang time and if no more call is received, you can call back by holding down the PTT key.

#### Troubleshooting

SN	Failure Description	Reason and Solution
1	Power-on failed	R: Low remaining battery capacity. S: Charge or replace the battery. R: Poor contact between the battery and the wiring terminals of the power supply. S: Install the battery again. R: Dirty battery contacts. S: Clean battery contacts.
2	Communication failed	R: Poor antenna contact. S: Install the antenna again. R: Different frequencies in Rx-Tx frequency pair between both sides. S: Use the same frequency in TX-RX frequency pair between both sides. R: Different CTCSS/DCSS codes on both sides. S: Set the same CTCSS/DCSS codes on both sides via PC. R: Beyond communication distance. S: Decrease communication distance.
3	GPS positioning failed	R: The antenna is not dual-band. S: Use a dual-band antenna. R: Wrong GPS setting. S: Set GPS again. R: In a shielded environment. S: Go to an open area.
4	Programming exception	R: Improper connection. S: Connect the radio to a PC properly. R: No USB driver is installed on the PC. S: Install the USB driver on the PC. R: Poor contact of earphone interface board. S: Replace the earphone interface board.

Caution for Using the Battery:  
Explosion may be incurred by using a battery of a non-supplied model, or by shorting the anode and cathode of the battery.  
Charge the battery using the attached charger, and dispose it as instructed.  
Do not strike, squeeze, short out or disassemble the battery.  
Do not put the battery in a high temperature or throw it into a fire.  
Stop using the battery if it is seriously bulged or immersed in water.

Kirisun reserves the right to the final interpretation of this document.  
This document is only for reference, and actual product prevails.