



M80 PoC Mobile Radio Quick Guide

Please read carefully the Safety Information before using the product.

Appearance



Attachments

No.	Item	QTY
1	Main unit	1
2	Hand microphone	1
3	Bracket (with 4 M4*20 self-tapping screws and 8 M4*8 machine bolts)	1
4	Power cable	1
5	4G main antenna	1
6	GPS antenna	1
7	Wing screw (including flat washer and spring washer)	6
8	User manual	1
9	Safety Information	1

Programming Keys

To cater to users' habits, the P1, P2, P3 and emergency alarm keys can be programmed as shortcut keys to various functions.

The default functions of these keys are listed below.

Key	Operation	Function
P1	Press	Broadcast the group name or user name
P2	Press	Establish individual call or temporary group
P3	Press	Play back the latest 5 voice records
SOS	Press and hold	Enter/exit alarm state. The group members and dispatcher are notified

Installation

Attentions:

1. The radio should be installed in a position where it can be used conveniently and personal injury can be avoided while driving a vehicle in poor road condition.
2. While drilling holes, protect the internal wires of a vehicle or of other devices from being damaged.
3. Leave enough space behind the radio for wiring.
4. Make sure the power cord is long enough so that the radio can be maintained with the power connected.
5. While replacing the fuse, make sure a fuse meeting requirements is used.

Take the following steps to install the radio.

1. Fix the bracket at a position in a vehicle where operation is convenient using the four M5*16 self-tapping screws.
2. Fix the mobile onto the bracket using the two wing screws.
3. Wire the 3-meter power cord, connect its open end to the engine battery or other power supply (with supply voltage not higher than 28V). Make sure the red wire is connected to the anode and the black wire to the cathode. Install the supplied fuse, and connect the power plug to the power interface at the rear of the radio.
4. Connect the 4G antenna and the GPS antenna respectively according to the indications at the rear of the radio.
5. Plug the hand microphone, the direction sign up, into the corresponding interface of the radio, and rotate clockwise the cover lock on the plug. When the lock contacts the slot on the radio, press it a bit and continue to rotate it until it is tightened.

Installing/Uninstalling Hand Microphone

To install the hand microphone, plug the hand microphone (with the direction sign up) into the corresponding interface of the radio, and rotate clockwise the cover lock on the plug. When the lock contacts the slot on the radio, press it a bit and continue to rotate it until it is tightened.

To uninstall the hand microphone, rotate clockwise the cover lock on the plug to the greatest extent, and then pull out the plug.



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Basic Functions

1. Powering On/Off

Powering on

- ① When the radio is off, supply a voltage of 12~24V, and the radio will be powered on automatically within about 30s.
- ② When the radio is in soft off state, you can start it by pressing and holding for 3s before release.

Powering on

When the radio is on, you can power it off by pressing and holding for 5s before release.

2. Standby Mode

To minimize battery consumption, press to set the radio to standby mode.

3. Adjusting the Volume

In the main interface, press the Volume Up/Down key to turn up/down the volume.

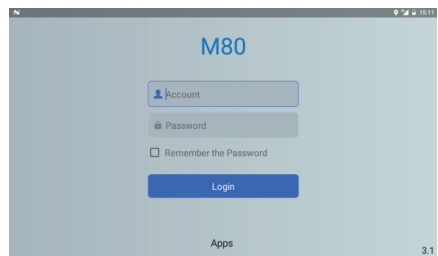
4. Login

Login

After power-on, the login interface as shown below will be displayed. Log in by entering an account and a password ("123456" by default), which are created on the Network Management System (NMS). Note: After successful login, the password will be remembered for automatic login next time.

Apps

You can run other apps by clicking Apps at the bottom of the interface.



5. Making/Receiving a call

After successful login, you can make a call by holding down the PTT key on the hand microphone. The call state will be displayed in the message bar.

Outgoing call alert: Enable/disable the alert of outgoing call, and the caller's name will be displayed, for example .

6. Groups Interface

In the Groups interface, all groups are displayed, and the current group will be highlighted. You can switch to another group by clicking the group. To refresh groups, scroll down the page.



7. Members Interface

In the Members interface, you can see the contact list after configuration on the NMS as well as the members of the current group. A contact is indicated with the icon .

You can search for a contact or group member by entering in the upper part of the interface.

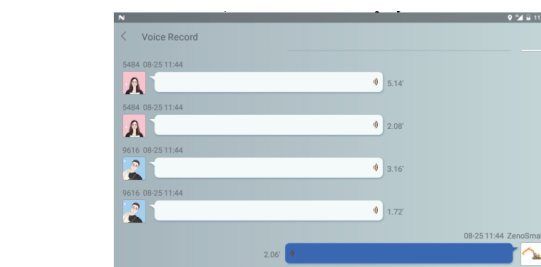
You can make an individual call or send a message to a contact or group member by clicking it.



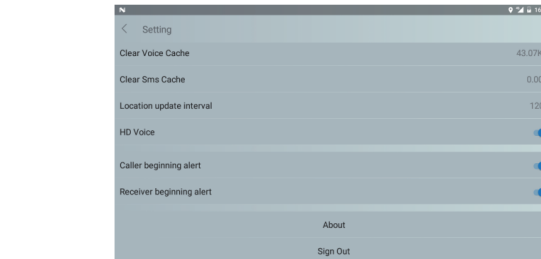
8. Voice Record Interface

Voice is recorded in the local cache.

In this interface, received voice is displayed on the left and sent voice on the right. You can play a voice record by clicking it.



9. Setting Interface



In the Setting interface, you can set the followings.
Max voice cache: Set the maximum number of voice records for the radio.
Clear voice cache: Clear all the recorded voice.

Clear SMS cache: Clear the list of recorded messages and cached data.

Locating interval: Set the interval of GPS data upload to 6s, 12s, 30s, 60s, 120s or 300s.

Outgoing call alert: Enable/disable the alert of outgoing call.

Incoming call alert: Enable/disable the alert of incoming call.

Sign out: Return to the login interface.

10. Advanced Functions

On the dispatcher software, you can enable revive, stun, kill, voice playback and track playback.

Troubleshooting

Failure Description	Reason	Solution
Startup failed	Loose power plug	Make sure the plug is in position.
	Battery/supply voltage below 6V	Ensure a supply voltage of at least 6V.
Low, interrupted or no volume while receiving traffic	Burnt fuse	Replace the fuse with a new one, make sure correct connection of the anode and cathode of power supply, and then power on the radio.
	Low supply voltage	Fully charge the battery before using the radio, or change for power supply with a voltage of 10.8V.
Talk failed	Low volume	Turn up the volume.
	Loosen antenna or not in position	Power off the radio and install the antenna properly.
GPS positioning failed	Blocked or destroyed speaker	Clean the outside of the radio. If the problem remains, contact your dealer or an authorized maintenance provider for examination and repair.
	Incorrect platform parameter settings	- Incorrect channel settings Set parameters properly and try again. - Wrong default call group Select a right group and try again.
No GPS signals received at the position	No GPS signals received at the position	Move to an open and flat area.

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

FCC Statement

15.19 Labeling requirements.

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.

15.21 Information to user.

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

15.105 Information to user.

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.

To comply with RF exposure requirements, a minimum separation distance of 20cm must be maintained from the user's body. Use only the supplied or an approved antenna.

IC Statement

This device complies with Industry Canada's licence-exempt RSSs.

Operation is subject to the following two conditions:

- (1) This device may not cause interference; and
- (2) This device must accept any interference, including interference that may cause undesired operation of the device.

Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes: (1) l'appareil ne doit pas produire de brouillage, et (2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

The information listed above provides the user with information needed to make him or her aware of a RF exposure, and what to do to assure that this radio operates within the exposure limits. The device complies with RF specifications when the device used at 20cm from the body.

RED Statement

1. The operating temperature of the EUT can't exceed 40 °C and shouldn't be lower than -20 °C.
2. The device complies with RF specifications when the device used at 20cm from your 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.

