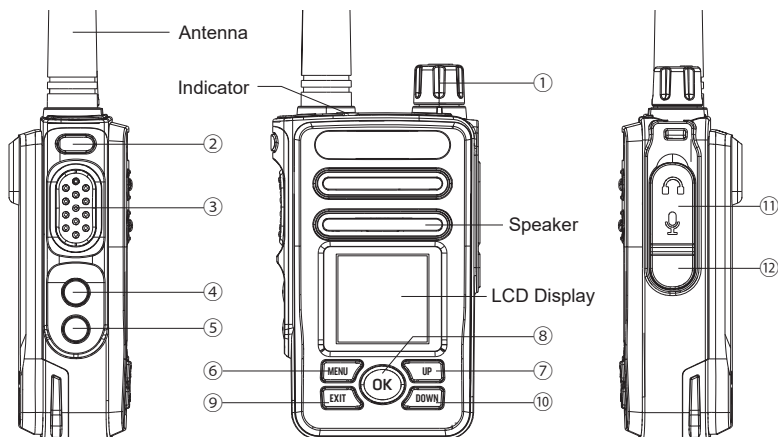


PUBLIC NETWORK DIGITAL TRUNKING RADIO

QUICK OPERATE GUIDE

Support LTE/3G net, single call, group call and all call, group call updating automatically; SOS function, voice prompt. The operation is simple and easy.

Familiar With The Radio



① Power / Adjusting Volume

- The radio power on, rotate the ON/OFF/Volume knob clockwise, continue to increase the volume.
- The radio power off, rotate the ON/OFF/Volume knob counterclockwise, continue to decrease the volume.

② Side key 1:

- short press enter function menu;
- long press enter SOS function;

③ The side key 2:

- In standby, long press to communicate (PTT);
- enter function (menu) settings, short press confirm key.
- Shutdown mode, long press then turn on the radio, indicator is red light, enter radio programming or software upgrade.
- Quit the SOS function;

④ Side key 3:

- Entering the function menu, such as: group selection, single call selection, friendly search, system settings and so on, short press is up key.
- In standby mode, Prompt the current group and user information by short press.

- ⑤ **Side key 4:**
 - A. Entering the function menu, such as group selection, single call selection, friend search, system settings and so on, short press as down key.
 - B. in standby mode, prompt the current power, signal intensity, network mode by short press.
- ⑥ **MENU:** In standby mode, short press enter function menu.
- ⑦ **UP:** Entering the function menu, such as: group selection, single call selection, friend search, system settings and so on, short press as up button.
- ⑧ **OK:** Enter the function menu settings, short press as the confirmation key.
- ⑨ **EXIT:** Entering the function menu, such as group selection, single call selection, friendly search, system settings and so on, short press as down key or return to the previous menu.
- ⑩ **DOWN:** Entering the function menu, such as group selection, single call selection, friend search, system settings and so on, short press as down key.
- ⑪ **The earphone interface:** Insert the headset and press the PTT button on the headset to communicate. Release to cancel the communicate .
- ⑫ **USB:** Module software upgrade interface.

This radio account setting or software upgrade

Headphone socket can also be used as a programming interface, cooperate with manufacturers of programming cable, the programming software (compatible with kenwood program cable) can set the unit of information (account name, password, etc.) To enter a state of programming, hold the PTT button and then turn on the radio, normally on a red light into the data programming model.

When the battery power is too low:

There will be 4 times beep to remind users to charge and red flashes.

When the battery is overpressure

There will be no voice reminding users, the indicator lights will flash at the same time, and shut down or can not power on.

Indicator instruction

Radio state	Indicator state	time
Searching for a network state	Green light, flash	0.2S bright, 0.2S extinguish
Standby state	Green light, slow flash	1S bright, 1S extinguish
Waiting state (when there is a GPS signal)	Yellow light, slow flash	0.3S bright, 0.7S extinguish
Transmit state	Red light bright	
Receive state	Green light bright	

Getting Started

SMART-PTT platform: register the user account and password in the platform management page, set up the user's various functional rights, and insert the valid USIM card (traffic card) in the registered device.

Install USIM Card

Please prepare a valid USIM card (user identification card) before using this device.

1. Turn the volume knob / power knob. Turn off the radio.

2. Hold down the battery buckle and remove the battery from the radio's body.
3. Move left to overturn the top of the USIM card holder, install the USIM card into the card holder, and pay attention to the direction of the notch.
4. Put the battery in and install it.

NOTE: Before taking out the battery, we must swirl the switch knob to turn off the machine and do not remove the battery directly in the open state. This may lead to the loss of the data of the mobile phone and even the unreparable damage.

Basic Use

1. **POWER-ON:** In power off mode, turn on the power switch / volume knob clockwise . When radio logging in . Voice prompt “dudu...Log in....Search the network (green light flash). After successful logged in network (green light slow), there will be a voice prompt for the current group and members.
2. **POWER OFF:** when power on ,turn off the power switch / volume knob in the counter-clockwise direction until switch off.
3. **ADJUSTING VOLUME:** turn on the volume potentiometer to achieve the reasonable volume.
4. **SELECT GROUP (group calling), SINGLE CALL SELECTION (single call), SELECT FRIENDS (group calls):** Short press the side key 1 or MENU function key, enter the menu, and operate the corresponding button according to the screen prompt. In this mode, if it does not operate for more than 15 seconds, it will automatically exit the selection mode, or press EXIT to exit or return to the default group mode standby.
5. **SYSTEM SETUP OPERATION (menu list):** Short press the side key 1 or MENU function key, enter the system menu, and operate the corresponding button according to the screen prompt. In this mode, if it does not operate for more than 15 seconds, it will automatically exit the selection mode, or press EXIT to exit or return to the default group mode standby.
6. **GPS SWITCH:** Platform settings, be activated when power on.(GPS optional)
7. **CURRENT USER QUERY:** in standby mode, short press side key 3 will voice prompt current group and user name.
8. **POWER, SIGNAL AND NETWORK ENQUIRIES:** standby mode, short press side key 4, voice prompt the current battery power, wireless signal level and current network mode.

Troubleshooting Guide

If your walkie talkie is in the process of using the following phenomenon, please check the following information first, if you can not fix the problem, please contact the dealer.

Problem	Investigation Method	Solution
Poor signal reception	The current location network signal is weak at present	<ol style="list-style-type: none"> 1. Please move to the location where you can receive the network well. 2. Please avoid using it at a similar time interval or try again later.
Call intermittently or delay	Base station switching or poor radio signal or bad network relay lines of network operators.	After the shutdown, restart the system, you can automatically search the base station and switch to the better quality network.

Problem	Investigation Method	Solution
Shortening of standby time	Standby time is related to the system settings of network operators. Unable to connect to the network, the talkback device will continue to transmit the base station signal and continuously consume battery power, resulting in short waiting time.	If you are in a weak area, please close the intercom device temporarily.
Unable to connect to the network	USIM card invalid or bad contact, bad signal, network connection timeout or you are not in the network service area;	Switch to a valid USIM card or try a more open location.

Technical Indicators

Power Supply	3.4-4.2V
Battery	4000mAH
Work band	WCDMA Band 2/5; FDD-LTE: Band 2/4/12
Dimensions	98*58*35mm
Weight	194g
Operating Temperature	-20°C~+50°C
Storage temperature range	-40°C~+85°C

Menu Operation

1. **Call menu:** Group selection / Private selection / Friend selection

2. **System menu:**

Backlight setting: off, 5, 10, 15, 20, 25, 30.

Brightness Setting: level 1, 2, 3, 4, 5, 6, 7, 8, 9, 10.

Network Setting: Auto, UMTS, LTE

: Account Info, GPS function (only supported with GPS function model), module version, POC version

UTC Set: -12, -11, -10, -9.....0.....12;

Call Quality: standard, enhanced. (when choosing an enhanced type, hd sound quality cannot communicate with other 2G and 3G models)

Tone Prompt

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.

SAR tests are conducted using standard operating positions accepted by the FCC with the walkie talkie transmitting at its highest certified power level in all tested frequency bands, although the SAR is determined at the highest certified power level, the actual SAR level of the walkie talkie while operating can be well below the maximum value. Before a new model is available for sale to the public, it must be tested and certified to the FCC that it does not exceed the exposure limit established by the FCC, tests for each product are performed in positions and locations as required by the FCC.

For body worn operation, this device has been tested and meets the FCC RF exposure when used with an accessory designated for this product or when used with an accessory that Contains no metal.

To maintain compliance with the FCC RF exposure guideline, hold the transmitter and antenna at least 2.5 centimeters from your face and speak in a normal voice, with the antenna pointed up and away from the face.

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment.