

# INSTRUCTION



Water ingress caused by improper operation and willful damage to LCD are not covered by warranty!

Failure to follow the safety instructions below may result in unnecessary injuries to the user or damage to the device. Please read the information carefully prior to use it.

### Traffic safety

Do not use the device while you are driving.

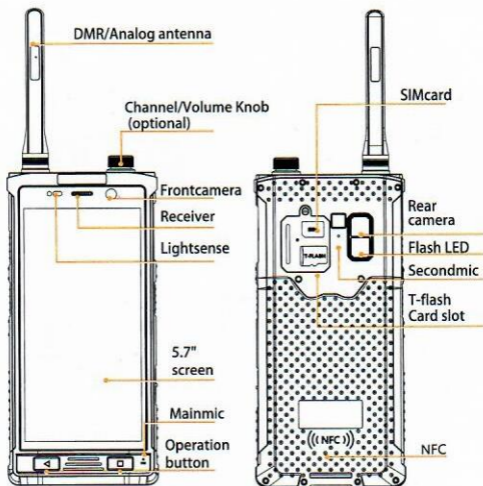
### Switch on safety

Do not switch the device on when wireless connection is prohibited or it may cause radio interference.

### Accessories and battery

Only original spare parts and battery can be used in this device.

### Part Name



### In hospital

Please turn off the device if it is forbidden for use near some medical instruments.

### On the plane

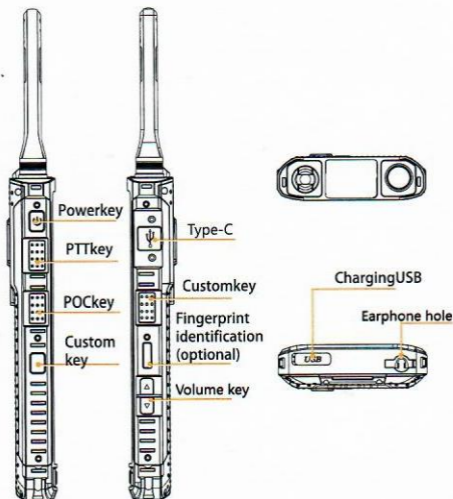
Please turn off the device when you are on a plane because wireless device may interfere with the radio communication system.

### Gas station

Do not use the device near gasoline station or in hazardous environment.

### Qualified service engineers

Only qualified engineers are allowed to replace and repair the device.



## Part Name

### Power on/off

Turn on the device by pressing the Power button till the screen is on.

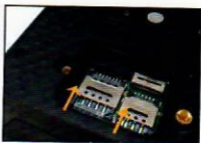
Open this cover to put SIM and TF card inside.



### Install TF Card



Install Micro SIM and Nano SIM card.



Slide this metal slot cover left or right to lock or unlock the SIM card.

### Airplane mode

Setting - More---Airplane mode

### Restore factory settings

Setting---Reset---Restore factory settings

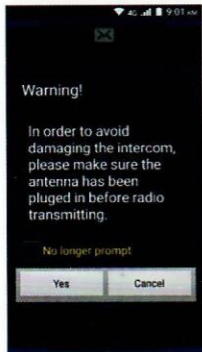
## How To Set Up/Use Radio Properly

Prior to set up the radio, you should install the antenna properly



Open the PTT app

- 1 Open the embedded PTT app, power it on then you will see the blue light on.
- 2 For license-free usage, you may operate on specific channels regulated by local authority, at maximum power of 0.5 watt. Choose a desired channel, CTCSS and SQ value before using.



Switch on/off button. Red means on, gray means off.



Click Setting to set the channels, typing in password, then you could configure the general setting.



H stands for high power output, L stands for low power output.



Send text message over a certain channel by pressing this icon. You may want change user name in the text interface.

### How to set up channel

Blue color on number indicates it's in analog mode. Hold and press the channel for 3 seconds to configure the channel, such as frequency and CTCSS etc.

## How To Set Up/Use Radio Properly



Properly setting up for analog radio

Prior to setting, you should know radio or repeater's transmit frequency, reception frequency, TX CTCSS and RX CTCSS etc

### Tx frequency

UHF range from 400-470MHz, user can make frequency setting.

### Rx frequency

UHF range from 400-470MHz, user can make frequency setting.

### Tx Ctcss

Tx Ctcss consists of 0 to 265 levels, 0 means Tx Ctcss is mute.

### Reception frequency

The range of receive frequency is same as the range of transmission frequencies, in direct mode we set the value of transmitting frequency is usually same as the value for receiving frequency.

### Rx Ctcss

Indicates Rx Ctcsse, Rx Ctcss rang is same as Tx Ctcss', usually set the value of Rx Ctcss same as value of Tx Ctcss

### Sensitivity

SQ sensitivity have 4 levels, open/loose/normal/tight. we suggest to select normal.

# How To Set Up/Use Radio Properly

## DMR

### CallID

User can make call ID setting, it is local ID number that user using.

### Tx frequency

UHF range from 400~470MHz, user can make frequency setting

### Rx frequency

UHF range from 400-470MHz, user can make frequency setting

### Colorcode

select range 0-15. it should be same color code between the talking devices.

### repeater slot

slot 1/2,

### Contacts

setting for call type and call ID, long time press to make setting. It should be referred to related channel after make contact parameters setting.



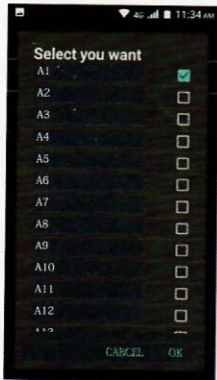
Add			
Name	Call Type	Call ID	Ref_times
A1	Group	1	1
A2	Group	1	1
A3	Group	1	1
A4	Group	1	1

Add	
Receive Group	Ref_times
List 1	1
Name	ID:
A1	1
+	

### Receive group list:

User can make settings for ID number of receive group by referring to contacts. Press "+" to modify. It should be referred to related channel after modified the receive group setting.

## How To Set Up/Use Radio Properly



Press programme PTT parameters. it will show Tips as shown. User can download and write all parameters setting that setted by app to phone memory one time. so user can change channel by adjusting the channel knob. (Notice:it should press "Programme PTT parameters" after each modification and setting). Channel change:use channel knob to change channel



## Warranty

### Notice:

▶ The warranty policy shall in essence abide by the rules and regulations of local authorities, and may vary from country to country.

▶ Please do ask you local supplier for detailed explanation of the warranty policy. However, for your information, we normally cover one year warranty service for radio from the date of invoice, and 90 days for battery and accessories.

**1** To the fullest extent permitted by law, warranty service may only be performed by supplier or authorized service centers.

**2** May conduct diagnostic tests on customers' products to identify the causes of failures/defects. Before returning any unit for service, customer should back up data and remove any confidential and/or personal information from the product, Supplier is not responsible for damage or loss of any program, data, or removable storage media.

**3** Prior to contacting a service agent, please ensure the following information is at hand: model, serial number, and IMEI number if available, customer' s full address and contact information, purchase Order number, a copy of the original invoice/receipt.

**4** This warranty does not cover the following cases.

**a** If the product serial number, IMEI number or warranty seal is illegible or has been removed, erased, defaced, altered, and/or tampered. If any accessory or external part of the product is missing.

**b** If any damage occurred in/on the outer surface of the product, including but not limited to cracks, dents or scratches on the exterior cases, screens, camera lenses, buttons and other attachments.

**c** General maintenance, password reset assistance, cleaning, application update/installation, product demonstration, or any other service other than repair/replacement.

**d** Deterioration of the product caused by normal wear and tear, including but not limited to rust or stains.

**e** Any other circumstances that are contradictory to or not in compliance with business ethics.

## Warranty

- 5 Supplier will determine whether a product is “Out of Warranty” according to the standards listed below.
- a Repair of Out of Warranty products shall be separately quoted by the service center and respective service shall be provided upon a service fee payment.
- b Violation of the warranty terms, invalidate warranty, expired warranty, or other reason are not guaranteed.
- c During the warranty period, a violation is defined as: customer induced damage, such as self-repairs, exposure to water, damage caused by misuse, alternation, failure to comply with product manual, etc.

## The Failure Table of Device

Name	Performance Failures
Mobile body	The specification listed invalid
	No display screen
	Can not boot, log in or communicate
	No ringing
	Dialing errors
	Abnormal shutdown
	SIM card contact failure
	Button is off control
	No sound, one-way silent or abnormal volume
Adapter	It does not work or work improperly
	can not charged by using specified charger
Mobile terminal card	work improperly
External wired headset	work improperly
Data card	work improperly

## The Failure Table of Mobile Phones

### Maintenance records

The first maintenance record \_\_\_\_\_

Name of Maintenance Agency \_\_\_\_\_

Date of Maintenance \_\_\_\_\_

Malfunction \_\_\_\_\_

The reason of Malfunction \_\_\_\_\_

The solution of Malfunction \_\_\_\_\_

The proof of return or replacement \_\_\_\_\_

Date of inspection \_\_\_\_\_

The original IMEI \_\_\_\_\_

The new IMEI \_\_\_\_\_

Maintenance personnel signature \_\_\_\_\_

Service agent stamp \_\_\_\_\_

The second maintenance record \_\_\_\_\_

Name of Maintenance Agency \_\_\_\_\_

Date of Maintenance \_\_\_\_\_

Malfunction \_\_\_\_\_

The reason of Malfunction \_\_\_\_\_

The solution of Malfunction \_\_\_\_\_

The proof of return or replacement \_\_\_\_\_

Date of inspection \_\_\_\_\_

The original IMEI \_\_\_\_\_

The new IMEI \_\_\_\_\_

Maintenance personnel signature \_\_\_\_\_

Service agent stamp \_\_\_\_\_

Rugged Phone & Two Way Radio

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