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UNPACKING AND CHECKING EQUIPMENT

Please unpack the radio and check the items listed below are received. If any item is missing or damaged, please contact your dealer at once.

Packing List

DESCRIPTION	QUANTITY
Radio	1
Antenna	2
Adapter	1
Charger	1
Li-ion Battery Pack	1
Belt Clip	1
Hand Strap	1
User Manual	1
Warranty Card	1

PREPARATION

Charging the Battery Pack

1. Using the Battery Pack

The battery pack is not charged at the factory, please charge it before use. To extend the battery pack lifetime, please power off the transceiver and remove the battery pack when not in use and do not leave the battery in hot or cold place.

2. Battery Pack Characteristics

The battery will slowly wear out even not in use. After charging and recharging, it's normal that the talk and standby times are noticeably shorter than normal times. If leaving the battery in very hot place or conditions, it will reduce the capacity and lifetime of the battery. Overcharging may also shorten its lifetime.

3. Charging the Battery Pack

Please charge your battery only with our approved charger. Initially charging the battery pack after purchase or extended storage (greater than 2 months) will not bring the battery pack to its normal operating capacity. After repeating the charge/discharge cycle two or three times, the operating capacity will increase to normal level.

Please charge the battery pack as follows:

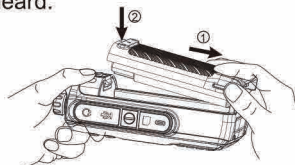
1. Insert the AC adapter into 100-240V power socket.
2. Slide the battery pack or transceiver with a battery pack into the desktop charger.
3. Make sure the battery pack contacts are in contact with the charging terminals.
4. The charging LED lights red and charging begins.
5. After charging about 6 hours, when the light turns to green, it means the battery pack is fully charged.
6. Then you can take off the battery pack or transceiver with the battery pack and use it.

Caution:

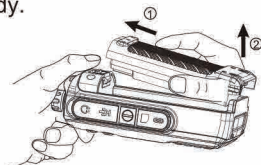
- Make sure the radio is powered off before charging and do not use the radio during charging.
- Read the safety Information booklet in advance to get necessary safety information.

Assembling the Battery Pack

To install the battery pack, Fit the extensions at the bottom of the battery into the slots at the bottom of the transceiver's body. Press the top part of the battery towards the transceiver until a "click" sound is heard.



To remove the battery pack, lift up the battery latches in the middle of the transceiver. Pull the top part of the battery away from the transceiver's body, and lift the battery from the transceiver's body.



Assembling the Belt Clip

1. Screw the belt clip at the back of the radio to assemble.
2. Screw counter clockwise the screws to remove.

Assembling the Accessories

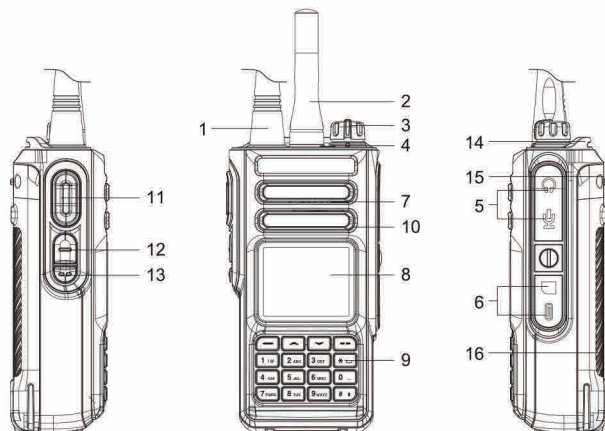
1. Open the cap of accessory jack.
2. Insert the accessories (such as: earphone/programming cable) plug into the jacks.

Installing Hand Strap

If necessary, you can install the hand strap in the back of radio in order to easy carry.

GETTING ACQUAINTED

Orientation



1. Analog Antenna

Antenna using for receiving or transmitting a signal.

2. 4G LTE Antenna

Antenna using for receiving or transmitting a signal.

3. Power/Volume Switch

Rotate clockwise to switch power on or to increase the audio output; Rotate counter-clockwise to switch power off or to reduce the audio output level.

4. TX/RX Indicator

Light green while receiving a signal or when the squelch is open; Lights red while transmitting.

5. Earphone/Data Cable Jack/SIM Card Slot 1

Connects an earphone or connects a data cable for PC software programming. Slot to insert the SIM Card 1.

6. Type-C/SIM Card Slot 2

For software upgrades. Slot to insert the SIM Card 2.

7. Speaker

Output the audio.

8. LCD Display

On the display you will see various indicators which show what function you have selected.

9. Keypad

You can input desired number, edit messages or enter to the menu.

10. Internal Microphone

Input the audio signal while you talk.

11. PTT Switch 1 (POC)

Push and hold to transmit; Release to receive.

12. PTT Switch 2 (Analog)

Push and hold to transmit; Release to receive.

13. Side Key

In POC mode, brocast current group; In analog mode: open the squelch.

14. Hand Strap Hook

The loop on the top of transceiver, it is facilitated to carrying the transceiver.

15. Battery Lock Button

Use to lock/unlock the battery pack.

16. Battery Pack

Supply the power to the transceiver.

Note: Public can't use this Amateur device.

General specifications

Frequency Range	Scanning:136-174MHz/400-520MHz VHF:RX:136-174MHz,UHF:RX:400-520MHz VHF:TX:144-148MHzUHF:TX:420-450MHz (amateur frequency) LTE Band 2: 1850-1910 MHz(TX), 1930-1990 MHz(RX) LTE Band 4:1710-1755 MHz(TX),2110-2155 MHz(RX) LTE Band 5: 824-849 MHz(TX),869-894 MHz(RX) LTE Band 7:2500-2570 MHz(TX),2620-2690 MHz(RX) LTE Band 66: 1710-1780 MHz(TX),2110-2180 MHz(RX)
Nominal Voltage	DC 7.4V from battery or DC 5V from adapter or DC 8.7V from charger
Channel Separation	12.5kHz/25KHz

MENU

Main Menu	Function	Description
Group		Can Select Enter Group, Monitor
Member	GRP MBR FRD MBR	Select Group MBR or Friend MBR to Mark Selcall
Channel Setting	Bandwidth	Can Select Wide/Narrow
	RX SQT TX SQT	Can Select Off/CTCSS/NDACS/IDCS Can Select Off/CTCSS/NDACS/IDCS
	Offset Setting	
	Offset Direction	Can Select Plus Offset Direction/ Minus Offset Direction
	Offset Freq	00.00000~99.99999
	Channel Name	Edit By User
	Jumping Frequency	Can Select On/Off
	Study Code	Can Select On/Off
	Squelch Level	Can Select Level 0~Level 9
	TOT	Can Select Off/10 Second/ 30 Second/60 Second/120 Second
Analog Setting	Power Save	Can Select Off/Level 1/Level 2 Level 3/Level 4
	BCLO	Can Select On/Off
	Step Size	5KHz/6.25KHz/12.5KHz/25KHz/ 50KHz/100KHz/250KHz/1MHz
	Auto Freq Detect	---
	Channel Clone RX	---
	Channel Clone TX	---

Main Menu	Function	Description
POC Setting	Profile	Can Select Outdoor/Standard/Indoor/Earphone
	Mic Mode	Can Select Low/Middle/High
	Power Save Conf.	Can Select Power Save Level/Sleep Switch/Super Power Save
	SIM Select	Can Select SIM 1/SIM 2
	Auto SIM Switch	Can Select On/Off
	Beep	Can Select On/Off
	Time Zone	Can Select You Local GMT Time Zone
Dispatcher	Sound Quality	Can Select Standard/High Definition
	Message List	---
	Delete All	---
Phonebook	Phonebook List	Edit By User
	New	Can Select Name/Number/Save
	Delete All	---
Call Log		---
Setting	Work Mode	Can Select POC/Analog/Mix/Repeater
	Backlight	
	Backlight	Can Select Continue/5/10/15/20/25/30 Second
	Call Backlight	Can Select On/Off
	Beep	Can Select On/Off
	Programmable Key	

Main Menu	Function	Description
Setting	SK1 Short	Can Select Null/Battery Level/Group Members/Friends/SOS/Mute/Quick Call/Backlight/Group/FM/Monitor/SIM Change/Auto Freq Detect
	SK1 Long	Can Select Null/Battery Level/Group Members/Friends/SOS/Mute/Quick Call/Backlight/Group/FM/Monitor/SIM Change/Auto Freq Detect
	RX Priority	Can Select POC Priority/Analog Priority/Both
	Repeat Volume	
	POC Volume	Can Select Volume 1/2/3/4/5/6/7/8/9
GPS Location	Analog Volume	Can Select Volume 1/2/3/4/5/6/7/8/9
	Repeat Sound	Can Select On/Off
	Position Info	---
Radio Info	Account Info	Check Current Account
	Software Version	Check Current Software Version
	Module Version	Check Current Device Module Model Number
	IMEI	Check Current IMEI Number
	ICCID	Check Current ICCID Number
	POC Version	Check the POC Version
	Analog Version	Check the Analog Version

FCC Statement:

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.
- SAR tests are conducted using standard operating positions

accepted by FCC with the device 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 device 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 guidelines when used with and accessory designated for this product or when used with and accessory that contains no metal. To maintain compliance with FCC RF exposure guidelines hold the transmitter and antenna at least 1 inch (2.5 centimeters) from your face and speak in a normal voice, with the antenna pointed up and away from the face. The equipment complies with FCC radiation exposure limits set forth for occupation/controlled environment. In order to comply with the FCC RF exposure requirement, the antenna installation must comply with the following:

Users must be fully aware of the hazards of the exposure and able to exercise control over their RF exposure to qualify for the higher Exposure limits. Your wireless hand-held portable transceiver contains a low power transmitter. This product sends out radio frequency (RF) signals when the Push-to-Talk(PTT) button is pressed. The device is authorized to operate at a duty factor not to exceed 50%.

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.