Inrico ®

SINCE 2004

PoC RADIO
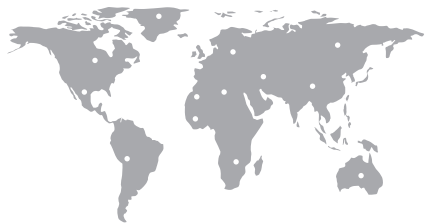
Professional In High Quality Two Way Radios

S200

USER GUIDE

Please read this instruction book carefully before using and keep this with care.

www.inricosolutions.com

Disclaimer

Contents

Unpacking and Device Checking

Please unbox and take out the device and all accessories carefully, and ensure all lists have been gotten before discarding the cardboard box. If any items are lost or damaged in transit, please contact with our distributors.

Items	Number
PoC Radio	1
Power Adapter	1
USB-C Cable	1
Battery	1
Jacket	1
Screw	2
Hang Rope	1
Antenna	1
Rubber Ring	1
User Manual	1

Handling Precautions

Please read the following precautions carefully. It is very important for device users to gain general knowledge and risks.

1.Radio Regulations

The place of civilization provisions that has prohibited the use of wireless devices, don't use the device, otherwise it will lead to interference from other electronic devices or other hazards.

2.Operating Environment Requirement

● Do not use the device or charging the battery in any hazardous areas such as gas, dust, steam, explosive chemical agents, etc.

● Avoid excessive exposure to the extreme dusty, damp and splashing place, or leave it on unstable surface.

● Don't use this device in a thunderstorm in case of equipment malfunction or shock.

● Avoid prolonged time in the sun or placing it near heating appliance like electric heaters, microwave, oven, water heater, fire, candles, etc.

● Please turn off the device while refueling or parking at the gas station.

3.Accessories Requirement

● Do not disassemble your device. Changes or modifications made to this device, not expressly approved by suppliers, could void the user's authority to operate this equipment.

● Reparation by professional technicians, do not disassemble by yourself.

● Manufacturer-approved device and accessories only.

4.Charging Security

● Do not overcharge the battery

Please stop charging if it can't be fully charged within required time. The battery probably overheats, smokes, bursts or suddenly be on fire due to abnormal charging process. When fully charged or not charged, please disconnect the charger and unplug it from the power outlet.

● Please use authorized power adaptor

To comply with warranty terms and avoid damages, charge the battery using a specified charger for best performance.

● Do not use abnormal battery

If the battery is with odd smelly, discolored, deformed, etc., please stop charging or disassemble from the device immediately.

● Do not discard battery in a fire, microwave or high pressure container.The battery probably overheats, smokes, bursts or suddenly be on fire.

5.Battery Care

(1)Fully Charge Battery Before Initial Use

● Do preserve battery life by switching off a device and removing the batteries when it's not being used, and is not expected to be used for extended periods of time.

● Do practice proper battery storage by keeping batteries in a cool, dry place at normal room temperature.

(2)Properly Store Batteries
● Remove the battery from the device.
● Charge and discharge the battery to 40%-65% if it will not be used for 10 days or more. This can greatly extend the battery life.
● The battery should drop below 65% when it is idle for more than 10 days to prevent it from swelling.
● Store the battery in cool and dry environment that's less than 25℃.

(3)Features of Lithium Battery
● Battery capacity will reduce after multiple charging cycles.
● The battery capacity drops gradually even without being used.
● Longer charging time is required in shady place.
● Charging and storing Lithium battery in warm condition will short its lifespan. Please do not leave them inside the vehicle or near the heater.
● If the battery working time has reduced significantly, please replace the battery immediately in avoidance of fluid leakage.

(4)Lithium Battery Charging
● Connect the device with an AC adapter, power on, the LED turns to red.
● The LED shows green of fully charged.
● The LED is off under high operating temperature, poor contact, or battery damage.

6.Clean and Maintenance
● Before cleaning and maintaining the device: please stop running, turn off the device, and disconnect all connections with other equipment.
● When you do not use the radio, please cover the accessories connector.
● When cleaning the dust, please use soft brush and neutral detergent (no strong corrosive chemicals) to wipe it.
● Please keep the equipment and accessories dry.
● Please do not use the microwave oven or hair dryer or other heating devices for dry them.

Product Overview
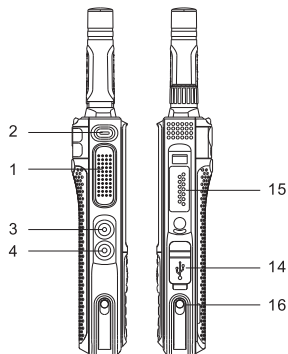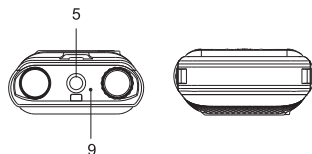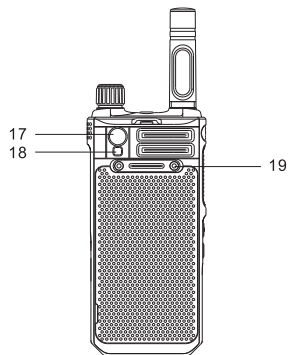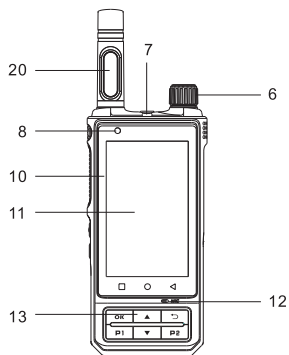
1	PTT	11	Screen
2	Programmable key F1	12	Main MIC
3	Programmable key F2	13	Main Buttons
4	Programmable key F3	14	USB Port
5	SOS	15	M6 Port
6	Power/Volume knob	16	Desktop Charger Port
7	Indicator	17	Rear camera
8	Front camera	18	Flash lamp
9	Auxiliary MIC	19	Belt Clip Screws
10	Touch Screen	20	Antenna

Function

No.	Name	Functions
1	PTT	Push to Talk
2	Programmable key F1	Short press: Short press to turn on/off the mute mode. Long press: long press for 3s to turn the flashlighton/off.
3	Programmable key F2	Short press: voice playback Long press:single calling mode
4	Programmable key F3	Short press: broadcast current group.
5	SOS	Long press SOS key for 3 seconds to SOSalarm.Press PTT keyto cancel alarm.
6	Power/Volume knob	Turn the knob clockwise to start up the device or turn up the volume. Turn the knob anti-clockwise to shut off the device or turn down the volume.

Keyboard Definition

No.	Definition
P1	Custom key--Shortcut key (Enter the groups list interface)
P2	Custom key--Shortcut key (Short press P2 key to shut / brighten the screen.)
▲	Scroll-up key
OK	Custom key -- Press "OK" to confirm
▼	Scroll-down key
↰	Custom key -- Mainly the Back key
◁	Virtual key on TP -- Back key
O	Virtual key on TP -- Home key
□	Virtual key on TP -- Menu key

Icon Function

Icon	Function
🔋	The battery is fully charged
🪫	The battery is almost dead
📶	Network signal icon
📶?	WIFI is turned on, but not connected to the network
🔋	Power saving mode
⇅	Mobile data
🚫	Do not disturb mode setting, Mute/Alarm Only/Priority interruption only three modes optional
☾	Night mode
📍	Location information

Accessories Installation

1.Insert SIM Card or SD Card.
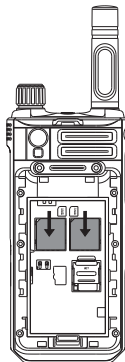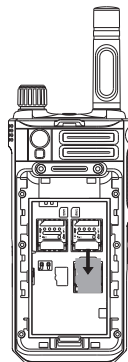
SIM card   microSD card

2.Attaching the Battery

● Align the electrical contact of the battery with the bottom rails.

● Press the battery firmly, make sure the electrical connection touch with the bottom.

● Push the battery lock catch.
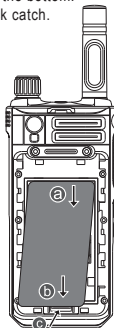
3.Attaching/ Removing the Battery Cover

●Push the battery cover until it clicks into place.

●Push the battery cover down.

●Open the battery cover: Unlock the battery buckle, pull up battery cover.

4.Attaching/ Removing the Belt Clip

●Align the belt clip with the back screw hole, rotate crews and tighten it.

●Uninstall the belt clip by rotating screw until loose.

Belt clip

5.Install Hand Strip

6.Attaching the Headset
Open the cover and plug the headset into the jack.

7.Attaching/Removing the Antenna
Screw the antenna in to the connector on the top of radio by holding the antenna at its base and turn the antenna clockwise to fasten it.

Turn the antenna counter-clockwise until you can remove it.
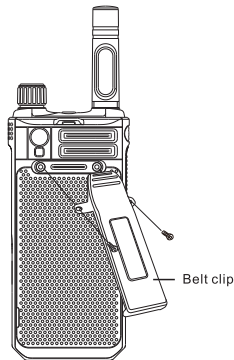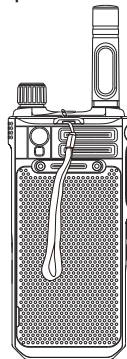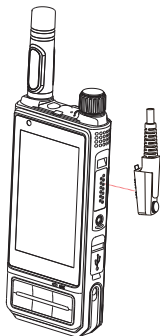(The antenna is neither a handle,a key ring retainer, nor a speaker/ microphone attachment point. Using the antenna in these ways may damage the antenna and degrade your transceiver's performance.)
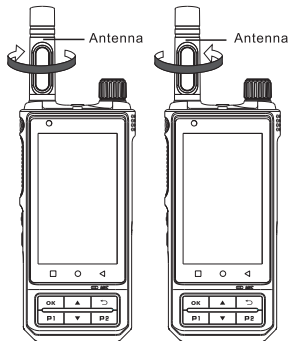
8.USB cable charging
Plugging the USB-C cable to the radio and another end USB-A is connected with power adapter until LED indicator light is on.
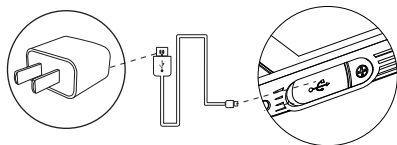
9. Desktop Charger
When using the charger, the charger must be placed on a plane place which is far away from flammable materials. Align with the radio charging port as to the instructions. Please ensure that the radio is safe when charging, and do not put the radio in the charger when not charging.

Basic Functions

1.Powering Up and Powering Off the Radio
● Power On: Turn the knob clockwise, the knob makes a sound of "pop", and wait for the boot program to start.
● Power Off: Long press the power knob for 5 seconds.

2.User Log-in
After the user log in successfully, user ID will be broadcast.

3.Initiate a Call
● Press PTT button and start to talk.
● The LED light is blinking green after loading the APP.
● The LED light is solid red during transmitting.
● The LED light is solid green during receiving.
● If occupied when other person is talking, the PTT button is invalid.
● The call ends automatically once it lasts more than 60 seconds, which could be set to 1-60 seconds by APP.

4.Voice Playbacke
● Short press the （3）F2 button to playback cyclically the latest 10 voice records.
● Press the PTT button, return automatically to the last voice record.

5.Current Group
Short press the （4）F3 button to broadcast the group that the user in. No voice will prompt while calling.

6.Flashlight
Long press (F1) key 3S, flashlight on, and long press 3S flashlight off again.

7.NFC Function
NFC function is unavailable when the system is not running. In standby mode, please wake up the system firstly to enable this function.

Status Indicators

Device Status	LED indicators	
	Color	Frequency
PTT successful	Red	On
Answer call	Green	On
Low battery (<15%)	Red	Flash every 3 secs
Standing by	Green	Flash every 5 secs
Charging	Red	On
Fully charged	Green	On

Network Connecting

Wi-Fi Connecting
After the device is turned on and the main screen 📶shows up, click the "Settings " icon and find the Wi-Fi icon, then click to enter the check box, make sure the right side "On" button been switched on, choose the wireless network you want to connect,enter the password for connecting.
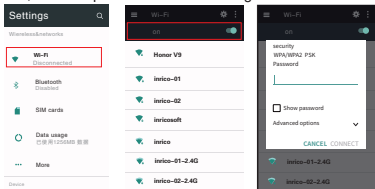
Cellular Network Connecting
Find the "Data usage" in "Settings " and click to enter the check box, switch on & activate the "Cellular data "button, choose the Cellular Network you required.

If you are using dual cards, please click SIM cards. After selecting the card you want to set up, you can go online normally.

Application Management
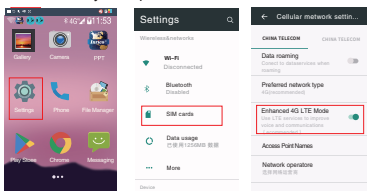
After the device is turned on and the main screen shows up, click the "Settings " icon and find the Wi-Fi icon, then click to enter the check box, make sure the right side "On" button been switched on, choose the wireless network you want to connect,enter the password for connecting.
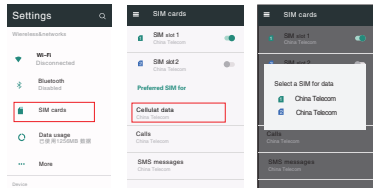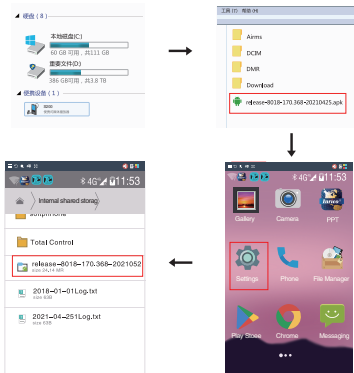

uninstall APP

Follow the steps listed below: Settings -- Apps -- Selecting the App -- UNINSTALL
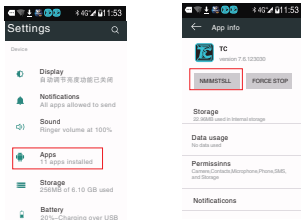
Clear application data or cache

Settings -- Apps -- Selecting the App -- CLEAR DATA
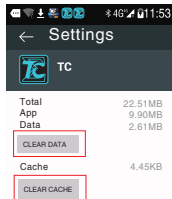
The Non-systematic APP stops
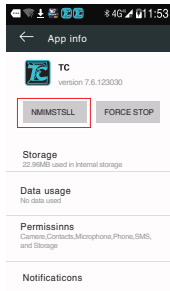
Basic Troubleshooting

If your device shows following problem during operating, please check the instruction as below. If problems can't be solved, please contact local authorized service.

Problems	Solutions
Unable to Power On	The battery maybe incorrectly installed. - Re-attaching the battery.
	The battery maybe out of power. - Charge or replace the battery.
	The battery may be in poor contact due to dirty or damage. - Clean the electrical contact or replace it.

Problems	Solutions
Terminal Crash	Too much APPS on processing. - Force some programs to quit or restart the terminal.
Buttons Not Working	The buttons may not work temporarily, restart the terminal.
	The buttons are broken, contact the dealer or our company.
White Screen Error	Display screen may not work temporarily, restart the device.
	The display screen is damaged, contact the dealer or our company.
Echo or Noise During Connecting	The signal may be weak, make sure the terminal is within network coverage. - Restart the radio and it'll automatically search for better available network.
	The speaker may be covered, clean the speaker surface.
Unable to Locate	The signal is weak and the radio can't receive the signal. - Move to open and flat area and try again.
Unable to Detect SIM Card	The SIM card may be incorrectly installed. - Remove and re-insert the SIM card.
	Localized poor coverage due to basement, blocking buildings or destructive interference, and geographical distance from obstacles between your radio and the nearest cell tower. - Please move to somewhere with improved signal.
Poor Reception	Localized network is busy during rush hours. - Please wait for a while before another attempt or try to avoid using in rush hours.
	The SIM card may be not working due to dirt or damage. - Clean the electrical contact or replace it.
Unable to Charge	The power adapter plug may be damaged or poor contacting. - Pull out and re-plug the adapter.
	The charging cable connectors may be damaged or poor contact. - Pull out and re-insert the cable.
Less Duration	The duration mostly depends on network service provider settings.
Shorter Standby Time	The battery life becomes shorter in high temperature environment. - Replace a new qualified battery.
	Power consumption increased in areas with weak signal. - Please temporarily turn off the device.
Can't Connect to Network	The SIM card cannot work properly or cannot be used. - Make sure the SIM card has a balance instead of arrears.
	The mobile network not available. - Select SIM card network, and contact the operator to activate the cellular network.
	In areas with poor signal, out of network service, or SIM card is not effective. - Remove the SIM cards, and reinsert them properly, or change another one. Move to somewhere with better network signal or go to the window if you are in the building.

Specification

	OS	Android 7.0
Frequency	EU version	GSM: B2/B3/B5/B8
		WCDMA: B1/B2/B5/B8
		TDD: B38/B39/B40/B41
		FDD: B1/B3/B7/B20/B28A/B28B
	US version	GSM: B2/B3/B5/B8
		WCDMA: B2/B4/B5
		TDD: B38/B40
		FDD: B2/B4/B5/B7/B12/B13/B14/B17/B25 /B26/B66/B71
Support		WiFi Bluetooth NFC flashlight
		GPS GLONASS AGPS
CPU		MT6737WM
Memory		Dual Micro SIM Card(3FF) + TF Card
Working Voltage		3.8V
Display		3.1inch,G+F Touch Screen,320x480 Pixel
Camera		Front Camera 2.0MP,Rear Camera 13MP
Battery		3800 mAh
Dimension (H*W*D)		128.0x57.0x24.5mm (Without Antenna & Belt clip)
Weight		≈210g
Working Temperature		-5°C ~ 55°C
Storage Temperature		-20°C ~ 60°C