

Inrico®

SINCE 2004

PoC RADIO
IN TOUCH TIMELY EVERYWHERE

Professional In High Quality Two Way Radios

INRICO TECHNOLOGIES CO., LTD.
www.inricosolutions.com



S100

USER GUIDE

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

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Disclaimer

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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
Lithium Battery	1
Power Adaptor	1
USB Charging Cable	1
Belt Clip	1
Belt Clip Mounting Screws	2
Screwdriver	1
Hand Strip	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 C.

(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.

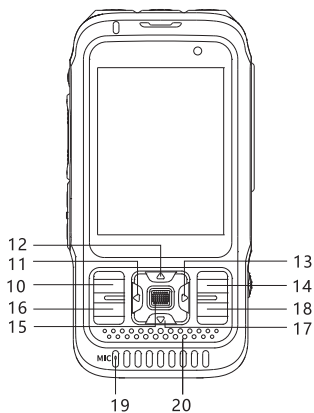
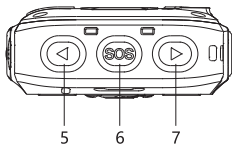
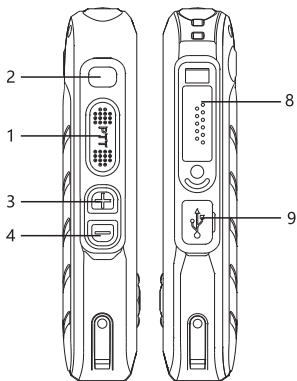
(4) Lithium Battery Charging

- 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



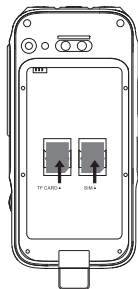
1	PTT	11	Navigation "Left"
2	Customized Key	12	Navigation "Up"
3	Volume + key	13	Navigation "Right"
4	Volume - key	14	Return button
5	Channel + key	15	OK key
6	SOS	16	Dial key
7	Channel - key	17	Navigation "Down"
8	M6 Port	18	Power on/of
9	USB Port	19	MIC
10	Menu Key	20	Speaker

Basic Functions

NO.	Name	Function
1	PTT button	PTT call
2	User-defined	Short press : Lock screen (screen asleep/ screen awake) Long press : Broadcast the validity of PTT license
3	Volume+ button	Short press : volume up Long press : Volume maximization
4	Volume- button	Short press : volume down Long press : Volume minimization
5	Group switch button	Short press : Switch current channel Long press : Voice playback
6	SOS emergency button	Long press : Long press 3s SOS alarm, press PTT button to cancel the alarm
7	Group switch button	Short press : Switch group Long press : Broadcast current battery
11	Confirm button/ function menu button	Click to enter the function menu, select the menu by scrolling up / down
12	Scroll left button	Click to scroll left the menu
13	Scroll up button	Click to scroll up the menu
14	Scroll right button	Click to scroll right the menu
15	Return/Exit button	Return to the previous function list
16	Confirm button/ OK button	Short press : Confirmation function
17	Dial Key	Short press to dial. Long press for 3S to turn on/off flashlight.
18	Scroll down button	Click to scroll down the menu
19	Power button	Short press : Lock screen (Turn off/on screen) Long press : Press and hold for 3 seconds to power on/off

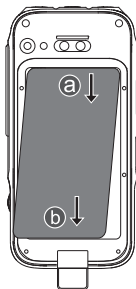
Accessories Installation

- 1.Insert SIM Card or TF Card. 2.Insert SD Card.



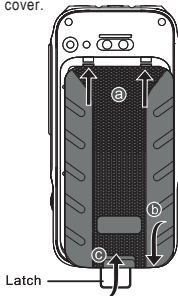
3.Attaching the Battery

- Align the electrical contact of the battery with the bottom rails.
- Press the battery firmly, make sure the electrical connection touch with the bottom.



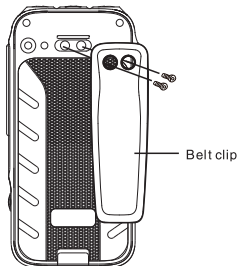
4. Attaching/ Removing the Battery Cover

- Push the battery cover until it clicks into place.
- Push the battery cover down.
- Push battery latch
- Open the battery cover: Unlock the battery buckle, pull up battery cover.



5. Attaching/ Removing the Belt Clip

- Align the belt clip with the back screw hole, rotate screws and tighten it.
- Uninstall the belt clip by rotating screw until loose.

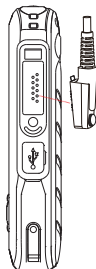


6. Install Hand Strip



7. Attaching the Headset

Open the cover and plug the headset into the jack.



Basic Functions

1. Powering Up and Powering Off the Radio

- Power On: Long press the power knob for 3 seconds and the program will start.
- Power Off: Long press the power knob for 3 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 Playback

- Short press the (5) button to switch group.
- Long press the (5) button, playback cyclically the latest 10 voice records. Press the PTT button, return automatically to the last voice record.

5. Battery broadcast

- Short press the (7) button to switch group
- Long press the (7) button to broadcast current power consumption.

6. Flashlight

Press and hold button for 3 seconds (okbutton), turn on/off flashlight.

7. NFC function use

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

LED Indicator	Working Status	Remark
Blinking Red	Low power less than 15%	Flash 2S/time
	Abnormal login	Flash 1S/time
Blinking Green	Stand by	Flash 5S/time
	Searching network	Flash 1S/time
Solid Red	The device is transmitting.	
	The device is charging.	
	The device is powering off.	
Solid Green	The device is receiving.	
	The device is powering on.	
	Fully charged	

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.
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 is 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.
	The SIM card may be not working due to dirt or damage. - Clean the electrical contact or replace it.
Poor Reception	Localized poor coverage due to basement, blocking buildings or destructive interference, and geographical distance from obstacles between your device and the nearest cell tower. - Please move to somewhere with improved signal.
	Localized network is busy during rush hours. - Please wait for a while before another attempt or try to avoid using in rush hours.
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 8.1
Frequency	EU version	GSM: B2/B3/B5/B8
		WCDMA: B1/B5/B8
		TDD: B38/B39/B40/B41 (120M) FDD: B1/B3/B5/B7/B8/B20/B28A/B28B
	US version	GSM: B2/B3/B5/B8
		WCDMA: B2/B4/B5
		TDD: B38/B40 FDD: B2/B3/B4/B5/B7/B8/B12/B17/B28A/B28B/B66
Network Support		WIFI BT GPS
CPU		MT6739
Memory		1GB(RAM)+ 8GB(ROM)
Working Voltage		3.8V
Display		2.8 inch
Battery		4000 mAh
Dimension (H*W*D)		129.2*64.5*26mm (Without Antenna & Belt clip)
Weight		≈220g
Working Temperature		-5°C ~ 55°C
Storage Temperature		-20°C ~ 70°C