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Inrico S100 Handheld Portable Two Way Radio Instructions

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Inrico®

S100 Handheld Portable Two Way Radio
Instructions



Please read this instruction book carefully before use and keep this with care

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Notes before using:

- Do not use the walkie-talkie in an explosive environment (such as gas, dust, steam, etc.) or to charge the battery.
- Please turn off the walkie-talkie while refueling or parking at the gas station.
- Do not adopt or modify the machine whether there is any reason.
- Do not let the walkie-talkie by prolonged direct sunlight, do not place it near a heating appliance too.
- Do not put the walkie-talkie at the extremely dusty, damp, and splashing place, and do not place it on an unstable surface.
- The repair of the walkie-talkie only can be carried out by professional technicians, do not disassemble by yourself.

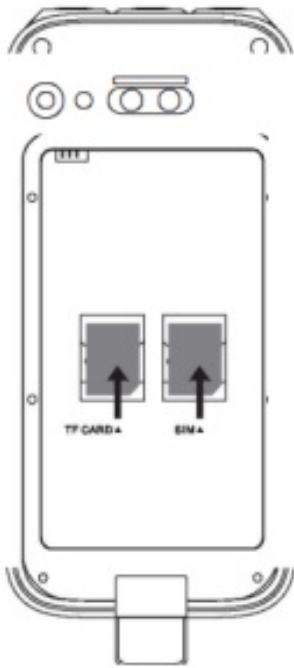
Note

Please read the above content carefully. It is very important for walkie-talkie users to gain general knowledge and understanding of the risks of the use of walkie-talkies.

This guide is for reference only. Commitment does not constitute any form of, and products to prevail in kind

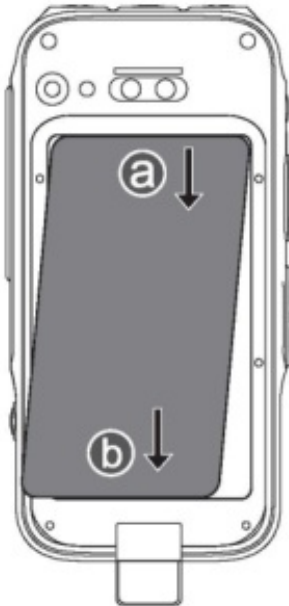
Accessory Installation

1. **Insert SIM card and TF card**



2. To Install the battery

- (a) Insert the battery to conned with the metal at the bottom of the tank;
- (b) Press down on the other end of the battery.



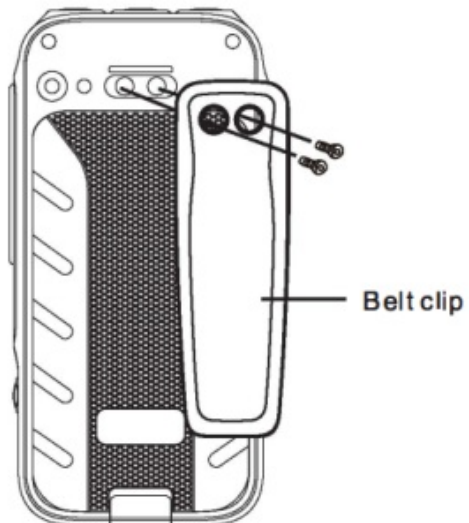
3. Close the battery cover

- (a) Push the battery cover until it clicks into place,
- (b) Push the battery cover down;
- (c) Press battery latch.

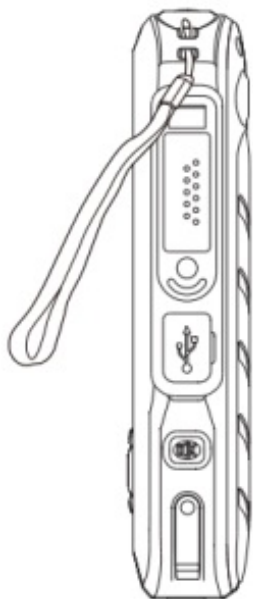
Open the battery cover: pull the battery latch, and then open the battery cover.



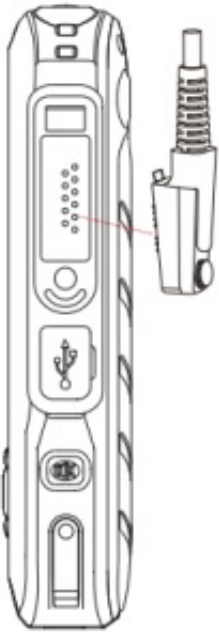
4. Install the belt clip
- (a) The belt clip should be aligned with the back screw hole
 - (b) Install the belt clip by rotating the screw
- Uninstall the belt clip
 Uninstall the belt clip by rotating the screw until loose



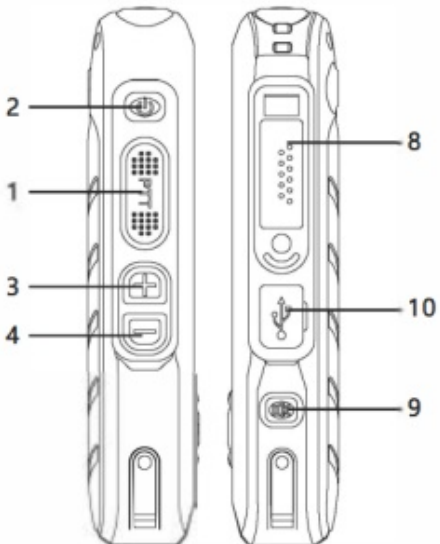
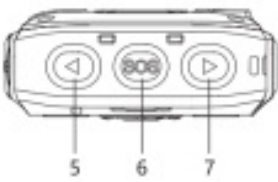
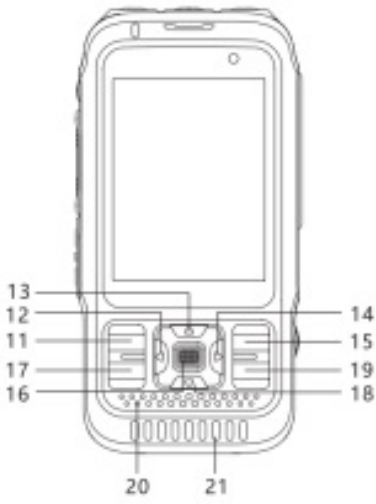
5. Install Lanyard



6. Installing headset Open the cover from the top of the device to show the headset sockets. The headset will work immediately after being plugged in.



Radio Overview





1	PTT	12	Navigation "Left"
2	Customized Key	13	Navigation "Up"
3	Volume + key	14	Navigation "Right"
4	Volume – key	15	Return button
5	Channel + key	16	OK key
6	SOS	17	Dial key
7	Channel – key	18	Navigation "Down"
8	M6 Port	19	Power on/off
9	Mute key	20	Speaker
10	USB Port	21	MIC
11	Menu Key		

Functions Sheet

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 the 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
9	Mute button	Short press: Turn on mute mode, Press again: restore
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 to the menu
15	Return/Exit button	Return to the previous function list
16	Confirm button/ OK button	Short press: Confirmation function Long press: Press and hold for 3 seconds to turn on / off the 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

Basic function

- **Power on**
Press and hold the power button for 3 seconds to power on.
- **Power off**
Press and hold the power button for 3 seconds to power off. If the device is in the charging state at this time, the device lights up in red and displays the current battery level
- **User login**
Display the current user login information, after the user login successfully, the Calling used to Press the PTT button to talk. After the app logs in normally, the breathing light starts to flash in green If the device is in call status, the led light lights up red; If the device is in Listening status, the led light is green, If the current speaking is occupied, means someone is talking, the PTT button is invalid The maximum call per person is limited to 60 seconds, if it exceeds 60 seconds, the speaking will be automatically released (can be set to 1-60s by APP)
- **Voice playback and battery broadcast**
Short press (5) button to switch group Long press (5) button, playback last ten voices; press the PTT button, automatically return to the last voice playback Short press (7) button to switch group Long press the (7) button, broadcast current battery
- **Flashlight**
Press and hold (16) button for 3 seconds (OK button) turn on/off the flashlight

System Parameter

Operating system	Android
Working temperature	-20°C – +60°C
Storage temperature	-40°C- +85°C
Voltage	3.8V
Support	2 G/3 G/4 G/ GPS /WIFI/BT/BLE
Size	64.5*129.2*26mm
Weight	-220g
	FDD: B1/3/7/8/20/28
	TDD: B38/40
EU	WCDMA: B1/8
	GSM: B3/8
Network support	FDD: B2/4/5/7/12/17
	TDD: B38/40
US	WCDMA: B2/4/5
	GSM: B2/5
Sound output power	2W@10%distortion

FCC
BT/BLE: 2402-2480MHz, Wi-Fi: 2412-2472MHz
LTE: B2/4/5/7/12/17/38/40
WCDMA Band: B2/4/5
GSM/GPRS/EDGE:850/900

LED indicators

Description	LED indicators	
	Color	Status
Log-in error	Red	Blink/1s
PTT successful	Red	On
Answer call	Green	On
Power on	Green	On
Searching network	Green	Blink/1s
Power off	Red	On
Extreme low battery (<15%)	Red	Blink/2s
Standby	Green	Blink/5s
Charging	Red	On
Fully charged	Green	Off

Security information

Before using the device operation, please read and observe the following precautions to ensure optimum device performance, and avoid dangerous or illegal situations.

• Electronic equipment

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.

• Area with easy firing and explosion

Refueling point (service station) or near inflammable and explosive materials, flammable and explosive chemical agents in any area, and don't use the device, the device may cause an explosion or fire.

• Operating environment

Don't use the device in dusty, wet, dirty, or near magnetic fields, so as to avoid internal circuit equipment failure. Don't use this device in a thunderstorm, thunderstorms could result in equipment malfunction or shock hazards. Don't place in direct sunlight for too long a time. Please avoid equipment and accessories to rain or moisture, otherwise, it may be caused by a fire or electric shock. Don't place the device near a heat source or exposed flame sources, such as electric heaters, microwave, oven, water heater, fire, candles, or other places may high temperatures.

• Accessories requirement

Don't use an unapproved or incompatible power supply, battery charger, otherwise, it may result in a fire, explosion, or another hazard. Only use manufacturer-approved equipment and equipment accessories for this model, if you use other types of accessories, it will be lead to accidental damage to the equipment, breach of warranty of the equipment.

• The charger security

When fully charged or not charged, please disconnect the charger from the device and unplug the charger from the power outlet. Don't drop or bump the charger, if the charger is damaged, don't continue to use, to avoid accidents. Don't touch the device and charger with wet hands to avoid short-circuiting device, malfunction, or electric shock.

• Battery Safe

Don't use the metal objects with two poles of the battery to docking, or contact with the endpoint of the battery, to avoid the battery short circuit, as well as damage caused by battery overheating.

Don't expose the battery to high temperature or fever around the device, and battery overheating may cause an explosion. Don't disassemble or modify the battery, insert foreign objects or liquid intrusion, in order to avoid battery leakage, overheating, causing a fire or explosion.

If the battery leaks, don't contact with skin or eyes. If contact, immediately rinses with water and go to the hospital for medical treatment.

If the battery is in the process of using, charging, or saving, which has discoloration, deformation, abnormal heating phenomenon, please stop using and replace it with a new battery. Don't throw batteries in a fire, otherwise, it will cause fire and explosion.

Don't let children touch the battery, to avoid accidents.

Don't use a damaged battery.

When the standby time of the device is significantly shorter than normal, please replace the battery. Dispose of batteries according to local regulations, not dispose of as household waste.

Care and Cleaning

- Do not lift up an antenna or an external microphone directly.
- Please use a lint-free cloth to remove dust and stains from the radio to avoid poor contact.
- Please place the cover on headphone jacks when not in use.
- The keypad and sensors should be cleaned carefully with a lint-free cloth moistened with clean water and a mild washing liquid. Do not use strong corrosive solvents for cleaning.

warning

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 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 device 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 device are performed in positions and locations (worn on the body) as required by the FCC.

For face-up, 10mm was used for the test, this equipment should be installed and operated with a minimum distance of 10mm.

For body-worn operation, this model phone has been tested and meets the FCC RF exposure guidelines when used with an accessory designated for this product or when used with an accessory that contains no metal and that positions the handset a minimum of 0 cm from the body

Non-compliance with the above restrictions may result in a violation of RF exposure guidelines.

Documents / Resources



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2-S100, 2S100, 2AIV6-2-S100, 2AIV62S100, S100 Handheld Portable Two Way Radio, Handheld Portable Two Way Radio, Portable Two Way Radio, Two Way Radio, Radio

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