

**Inrico**®

SINCE 2004

***POC RADIO***  
**IN TOUCH TIMELY EVERYWHERE**



**T529A**

**Instructions**

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

## Warning

- Flammable environment (gas, dust and fog, etc.)
- Please turn off the radio before getting close to the blasting zone or detonato handset.

### General information before use

**Please observe the following instructions to prevent fire, injury or damage to the handset.**

- ⓈThe recommended use pattern is 1 min of emission and 4 mins of receives. Constant emission over long time will cause over heat on the back side. Do not let the back touch any plastic surface when put it down.
- ⓈProhibit to modify this product in any case.
- ⓈPlease do not expose the handset to long-time direct sunlight, neither to close any heat source.
- ⓈPlease do not expose the handset to dust, damp and spill. and over object that is unstable.
- ⓈIf abnormal odor or smoke noted from the handset, please shut down immediately, remove the battery unit, and contact our local authorized service provider.

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## Unpacking and checking equipment

**Note:** Following instructions is only suitable for authorized retailers and service providers.

Carefully unpack the radio. We recommend you check the items listed in the following table before discarding the package. If any item is missing, please contact local dealer immediately.

### Accessories:

Items	Number
Handset	1
Lithium battery	1
Charger	1
Power adaptor	1
Antenna	1
Sling	1
Belt clip	1
User manual	1

## Preparation work

### Warning

※ **Do not overcharge with the battery**

Please stop to charging if it is uncompleted in normal time. The battery may flame, smoke or crack due to abnormal charging process.

※ **Do not put battery into the microwave or high pressure container**

The battery may flame, smoke or crack.

※ **Do not expose broken battery to any flame.**

If the battery is seen broken (or with abnormal odor), please remove it from flammable condition immediately. The fluid in battery is really flammable, which may cause flame or smoke.

※ **Do not use abnormal battery**

If the battery is abnormal in odor, color, shape or any other form, please remove it from charger or radio and do not use it anymore.

※ **Please use exclusive adapter**

The adapter in accessories is designed exclusively for the bought radio. It ensures the safety and reliability of battery charging.

## Using the Lithium Battery

### Charge before use

To reduce electrical emission in battery, please remove the battery from device if not in use within a long time. Please keep the battery in cool and dry places.

### When keeping battery for a long time:

1. Remove battery from device;
2. If possible, please fully charge the battery before store;
3. Store the battery in places that are cool and dry (with the temperature lower than 25 Celsius):

### Feature of the Lithium Battery

- ※ After repeated charging process, the capacity will decrease.
- ※ The battery degenerates gradually even without being used.
- ※ More time will be required when Lithium battery is being charged in cool condition.
- ※ Charging and storage of Lithium battery in relatively warm condition will jeopardize its service life. Please do not keep them inside the vehicle or near heating equipment.
- ※ If the duration of battery shortens significantly, please replace the battery immediately to prevent fluid leak.

### Charging Lithium battery

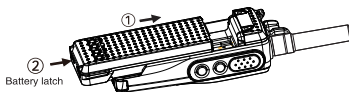
After the AC adapter is connected and the battery is well placed, the indicator will show red which means the charging is in progress. Green will indicate that the battery is fully charged. The indicator will go off if the temperature is not proper, or the battery is damaged or the connection is poor.

## Installing accessories

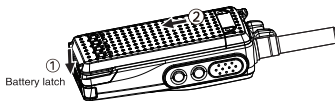
### Installing /Removing battery

- ※ Do not short circuit the battery terminal, or put the battery in fire.
- ※ Do not attempt to remove the shell of battery.
- ※ Do not install battery in any dangerous condition, since the possible flame may cause explosion.

Point the four dents of battery to the corresponding guides on the back of radio. Push the battery along the guides until the latch on the back of radio clicks.

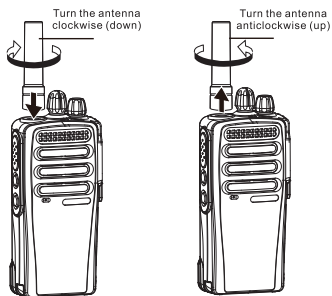


When removing the battery, pull down the latch, then push the battery backwards along the guides.



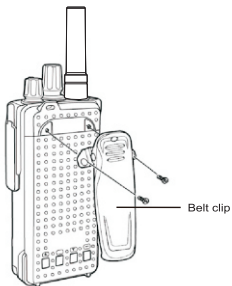
## Installing antenna

Screw the antenna into the connector on the top of radio and turn the antenna clockwise to fasten it. Turn the antenna anticlockwise to remove it.



## Install the belt clip

If needed, screw the belt clip onto the back of handset by two screw holes located on the back of handset to facilitate portability.



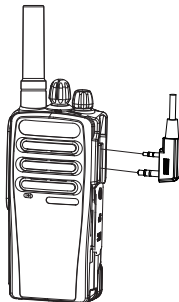
## Installing sling

Take the tail of sling across the oval hole on the back of handset to install.

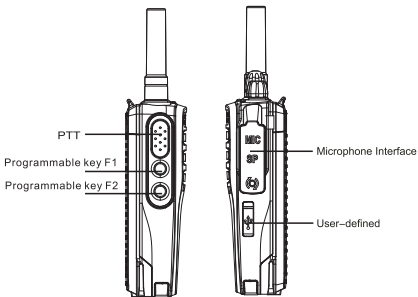
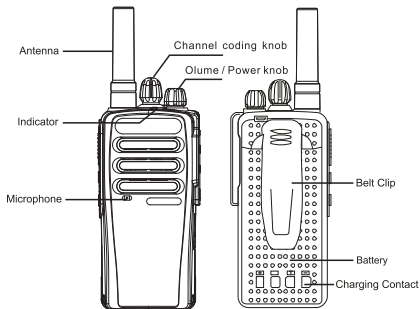


## Installing headset

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



## Overview



## Basic Function

### ● Power on

Turn the knob clockwise till the knob makes a popping sound, then wait till the boot program starts up.

### ● Power off

Turn the knob anti-clockwise till the knob makes a popping sound, then it will go off.

### ● User Log-in

Once user successfully logs in, there will be voice prompts on current user information.

### ● Calling

1. Press key (1), that is, PTT key, to start talking. After the communication is established, the device is in the calling state, and the Led light is always red; if the device is in the answering state, the Led light is always green.
2. If the current network state is not online, green light will flash quick, press the PTT key, voice broadcasts "no network".
3. If the current voice channel is occupied, that is, the user you're calling is talking, PTT key is invalid, voice prompts "du, du".
4. Each maximum talking time is within 60 seconds. Once it's more than 60 seconds, speaking right will be automatically released.

### ● Audio playback & Single calling

1. Short press key (2), that is, Programmable key F1, to play back the latest ten audio records in a continuous loop. Press PTT key to automatically play back to the last audio record.
2. Long press key (2) to enter the single calling mode. Short press key (2) again to switch single calling objects and press PTT key to confirm.

### ● Current Group

Short press key (3), that is, programmable key F2, to broadcast user name and current group. If it's in the talking stage, it will not broadcast.

### ● Voice prompts on current device power and APP version NO.

Long press key (3), that is, programmable key F2, to broadcast battery power and app version NO. If it's in the talking stage, it will not broadcast.

### ● Emergency calling (SOS can be added for special requirements)

Long press key (3) for SOS alarm. Press PTT key to cancel alarm.

### ● Switch Group

1. Turn Channel coding knob to switch channels.
2. If it's in the talking stage, talking will be hung up, it will broadcast the current group.

## Functions Sheet

No.	Name	Functions
1	PTT	PTT
2	Programmable key F1	Short press: voice playback Long press: private call. Short press key F1 again to switch single calling objects and press PTT key to confirm.
3	Programmable key F2	Short press: broadcast user name and current group Long press: broadcast battery power and app version NO. (SOS can be added for special requirements.)
4	Channel coding knob	Turn Channel coding knob to switch channels. ( 16 channels)
5	Olume / Power 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.

## Functions Introduction

### 1.Attach battery and insert SIM card

Pls insert valid SIM card (User identification) in network radio before using. All network linking information has been recorded in SIM card which could be used in any WCDMA mobile.

- (1) Turn the volume/power knob to power off.
- (2) Take away the battery as indicated above.
- (3) Insert SIM card by pushing away the upper cover of SIM card holder properly.
- (4) Put back the battery with battery cover.

Tips: Pls power off before take out of battery. Don't take away the battery when power on as it may possibly cause data loss and even eternal damage .

### 2.Basic use

**Power on:** Turn the power /volume knob to power on when power off. During power-off, there is voice prompt . After power on, green indicator is on and then blinks. It is searching network. There is voice prompt after successful internet access.

**Power off:** Turn the power /volume knob to power off when power off. During power-on. Indicator will be off.

**Volume adjust:** Increase volume by turning clockwise. And vice versa.

**Headset:** Press PTT key on headset to call and release to cancel call.

There is voice prompt fo lower battery when it is lower than 15%.

### 3.Private call

Start private call by long pressing Programmable key F1. Repress Programmable key F1 to select member and talk by pressing PTT key. ( Voice prompt for current group member name and its status of on-line/offline. It will be failed if off-line) Temporary group will be auto created .

### 4.Group Switch

Before switching ON, user needs to revolve the selector to Channel 1 (The default session is Channel 1, revolve to select other sessions. If the session is not available, there will be voice prompt : No Channel).

## Debug

If your handset shows following problem in use, please check the instruction below, and if the issue still persists, please contact local authorized service.

### 1.Poor reception:

**Possible reasons:** Signal over your current location is weak (such as basement or next to a blocking building), or the network is busy (such as during rush hours).

**Solutions:** a. Please move to somewhere with improved signal.  
b. Please avoid using at that moment or wait for while before another attempt.

### 2.Echo or noise:

**Possible reason:** The quality of network service provider is flawed.

**Solution:** Restart the radio will let it automatically search for available network with better quality.

### 3.Less duration:

**Possible reasons:** The duration depends a lot on the settings by network service provider. Using and charging the handset under condition with high temperature will also jeopardize the battery duration. Searching for network constantly in weak-network area will also lower the duration.

**Solution:** If you are at place with weak signal, please temporarily switch OFF the handset.

### 4.Unable to connect to network:

**Possible reasons:** SIM card not effective, poor signal, out of network service area.

**Solutions:** Replace another SIM card, move to somewhere open and flat, if you are in the building , move near to the window.

## System Parameter

Operating system	Android
Receive sensitivity	-106dBm
Support	GPS2G/3G/4G
Working temperature	0-40°C
Storage temperature	-40°C~+ 85°C
Voltage	3.7V
Frequency	EU LTE FDD: B1/B3/B7/B8/B20/B28 LTE TDD: B38 / B40 WCDMA: B1/B8 GSM: B3/B8
	US LTE FDD: B2/B4/B5/B7/B12/B17 LTE TDD: B38/B40/(A.B)/B66 WCDMA: B2/B5 GSM: B5/B2
Sound output power	2W@10%distortion

## Specification

Size	60*37*135mm ( W*D*H )
Weight	~210g

## Indicator light interpretation

Device Status	Indicator Color	Frequency
Power on	Green	On
Searching for network	Green	Flash every 1 secs
Standing by	Green	Flash every 5 secs
PTT successful	Red	On
Answer call	Green	On
Low battery (<15%)	Red	Flash every 3 secs

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 test, this equipment should be installed and operated with minimum distance 10mm.

For body worn operation, this model device 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 violation of RF exposure guidelines



## 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