



incrio T368 POC Radio Touch Timely Everywhere User Manual

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Inrico®
SINCE 2004

POC Radio Touch Timely Everywhere





T368 USER GUIDE



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

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T368 POC Radio Touch Timely Everywhere

Waste disposal. Directive 2012/19 / EU

Information on waste disposal of electrical and electronic equipment (WEEE).

This symbol on the product means that the electrical and electronic products used must not be mixed with household waste. For proper treatment, recovery and recycling, take this product to designated collection points where it will be accepted for free.

The correct disposal of this product will help save valuable resources and prevent possible negative effects on human health and the environment, which could otherwise arise from the improper handling of waste..

Contact your local authority for more information about the nearest collection point. Sanctions may be applied for the incorrect disposal of this waste, in accordance with its national legislation.

These symbols on the batteries mean:

Pb = contains more than 0.004 percent by weight of lead

Cd = contains more than 0.002 percent by weight of cadmium

Hg = contains more than 0.0005 percent by weight of mercury

You can also send the transceiver and the battery to our warehouse.

Postal fees must be paid by the sender.



This device complies with Directive 2011/65/EU and its subsequent modifications according to Directive 2015/863/EU on restrictions on the use of modifications of hazardous substances in the manufacture of electrical and electronic equipment.

European Union states of permitted use:

AT	BE	BG	HR	CY	CZ	DK
EE	FI	FR	DE	EL	HU	IE
IT	LV	LT	LU	MT	NL	PL
PT	RO	SK	SI	ES	SE	UK

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
Handset	1
Lithium Battery	1
Power Adaptor	1
USB Charging Cable	1
Hang Rope	1
Belt Clip	1
Antenna	1
User Manual	1

Handling Precautions

※ Do not overcharge the battery Please stop charging if it can't be fully charge within required time. The battery probably overheats, smokes, bursts or suddenly be on fire due to abnormal charging process.

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

※ Do not expose damaged battery near any fire. If the battery is broken, leaking or with an abnormal odor, please

remove it from flammable areas immediately. The fluid in the battery is flammable, which may cause smoke and fire.

✧ Do not use abnormal battery If the battery is with odd smelly, discolored, deformed, etc., please stop charging immediately.

✧ Please use authorized power adaptor To comply with warranty terms and avoid damages, charge the battery using a specified charger for best performance.

✧ Desktop charging The desktop charger must be away from the flammable places. Please make sure the radio working properly and without any damage while charging, do not put the radio into the charger's socket if no need of charging.

Battery Care

✧ Fully Charge Battery Before Initial Use

a. 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.

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

✧ Properly Store Batteries

a. Remove the battery from the device.

b. 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.

c. The battery should drop below 65% when it is idle for more than 10 days to prevent it from swelling.

d. Store the battery in cool and dry environment that's less than 25C.

✧ Features of Lithium Battery

a. Battery capacity will reduce after multiple charging cycles.

b. The battery capacity drops gradually even without being used.

c. Longer charging time is required in shady place.

d. Charging and storing Lithium battery in warm condition will short its lifespan. Please do not leave them inside the vehicle or near the heater.

e. If the battery working time has reduced significantly, please replace the battery immediately in avoidance of fluid leakage.

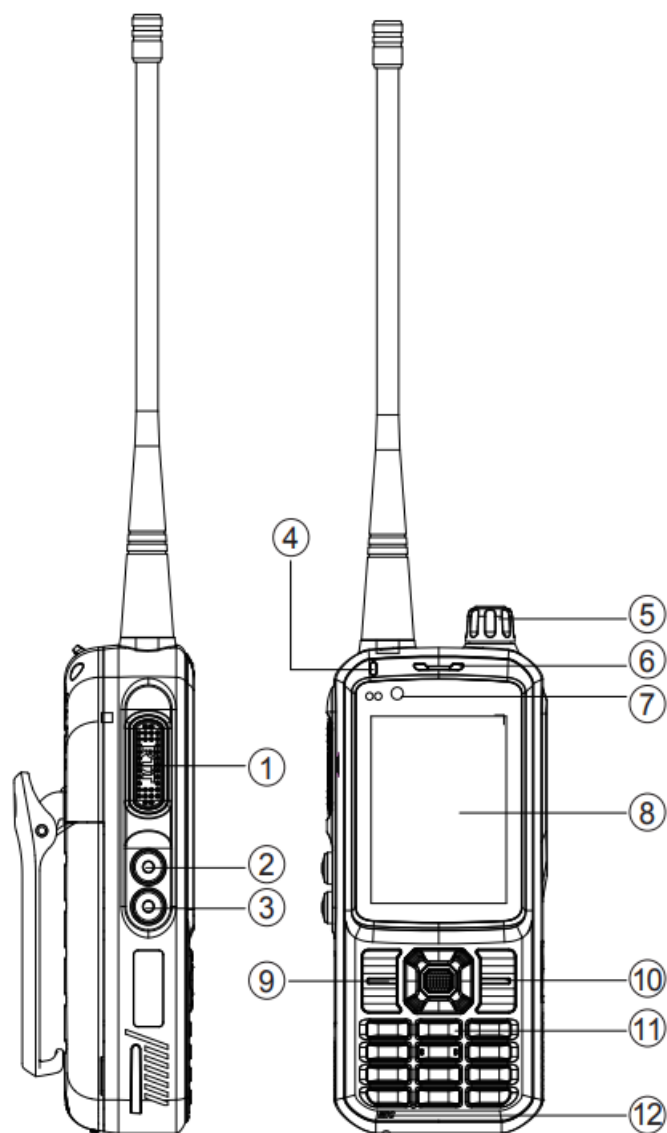
✧ Lithium Battery Charging

a. Connect the device with an AC adapter, power on, the LED turns to red.

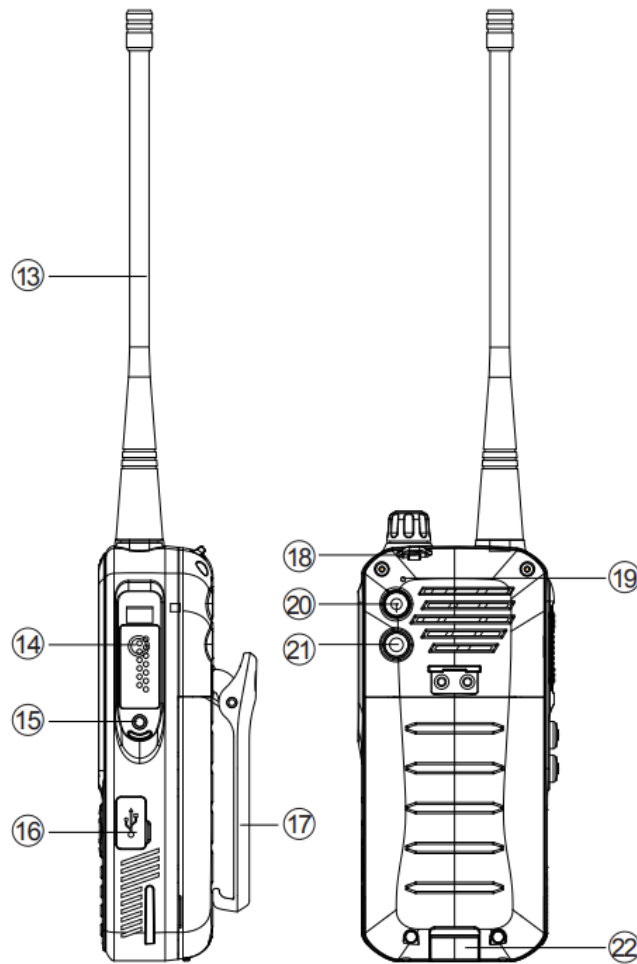
b. The LED shows green of fully charged.

c. The LED is off under high operating temperature, poor contact, or battery damage.

Radio Overview



1	PTT Button	12	MIC
2	Voice Playback	13	Antenna
3	PoC/DMR Switching	14	Earpiece Jack
4	Indicator	15	M6 Screw Hole
5	Volume Knob	16	USB Interface
6	Receiver	17	Belt Clip
7	Front Camera	18	Hang Rope
8	Display	19	Noise-cancelling MIC
9	Menu/OK	20	Rear Camera
10	Back/Home	21	Flash Light
11	Keypad	22	Battery Lock



PTT: Press the PTT button to transmit; release to receive.

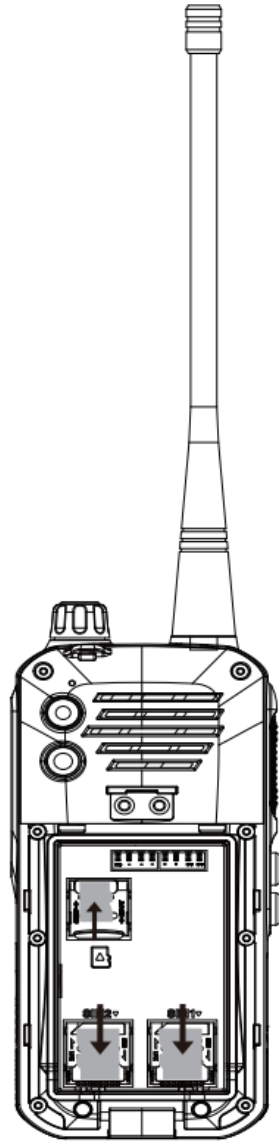
Side Button F1: Short press to playback the recording.

Side Button F2: Long press for 3 seconds for SOS, press PTT to exit. Short press to switch between DMR mode and PoC mode.

Volume Knob: Rotate the Volume Control Knob clockwise to increase the volume, while rotate counterclockwise to decrease the volume.

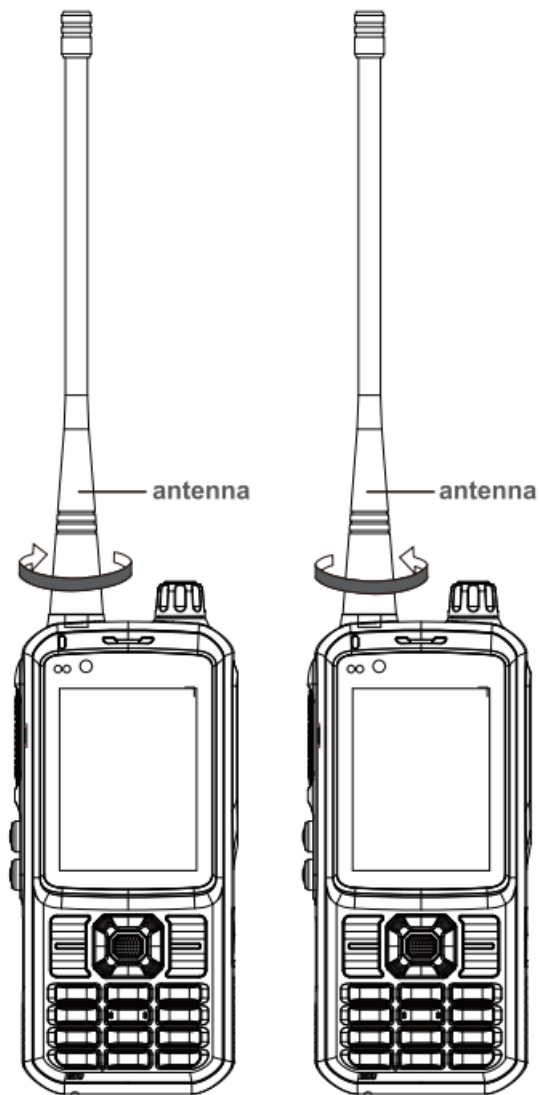
Accessories Installation

1. Insert SIM card and MicroSD Fi

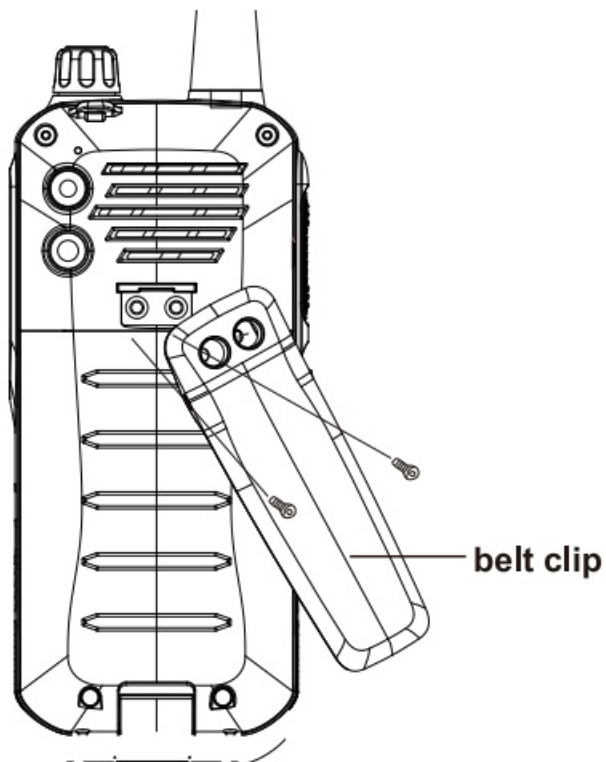


2. Attaching the Antenna Set the antenna in the receptacle and turn clockwise until snug to provide best protection against water and dust. Turn the antenna anticlockwise to remove it.

(Note: Do not hang key-chain or something else on the antenna, or it will damage the antenna and affect signal strength.)

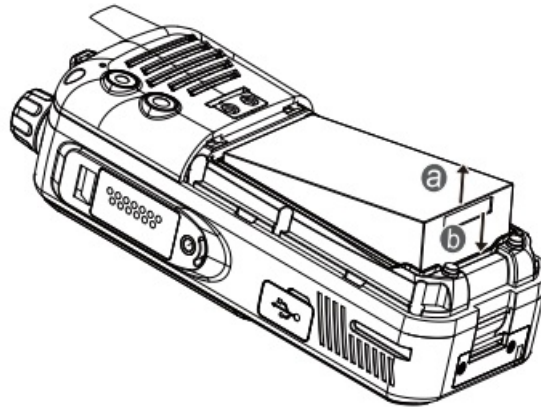


3. Attaching the Belt Clip Align the holes on the clip and rafts. and fixed with two crews. Loosen the scres to remove the belt clip.

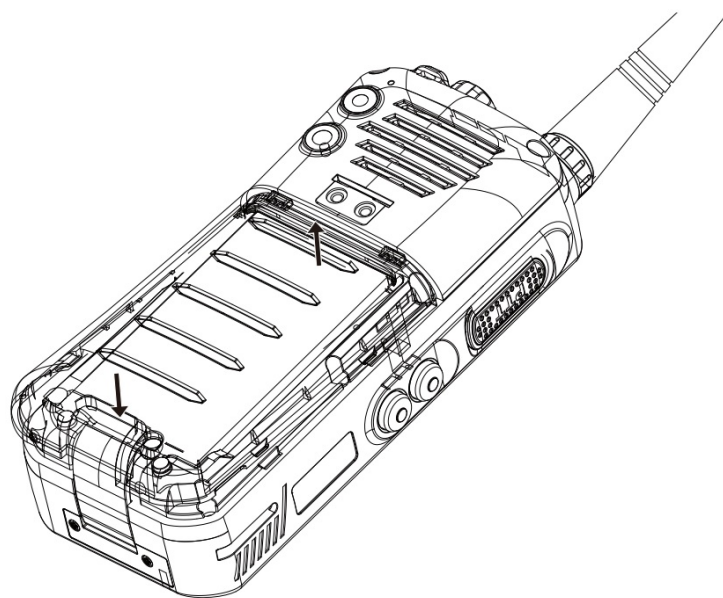


4. Attaching the Battery

- (a) Take out the battery cover buckle.
- (b) Align the battery with the rails on the back of the radio.
- (c) Press the battery firmly, make sure the electrical connection touch with the bottom, and slide upwards until the latch snaps into place.

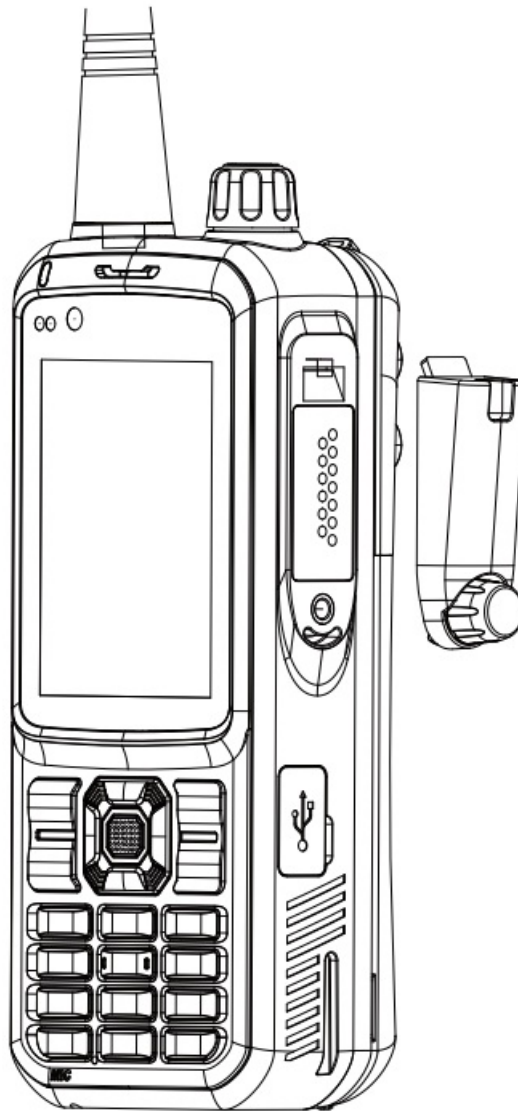


- (d) Close the battery cover, flip the latch close and press it until it locks in place.



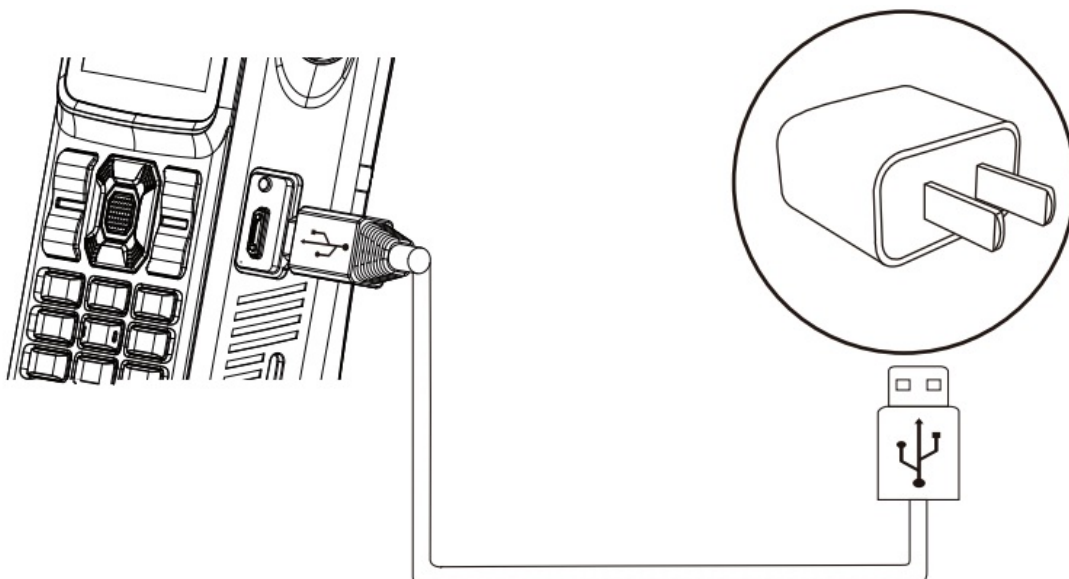
5. Attaching the Earphone

Align and connect the M connector earphone, and lock the crews.



6. Charging

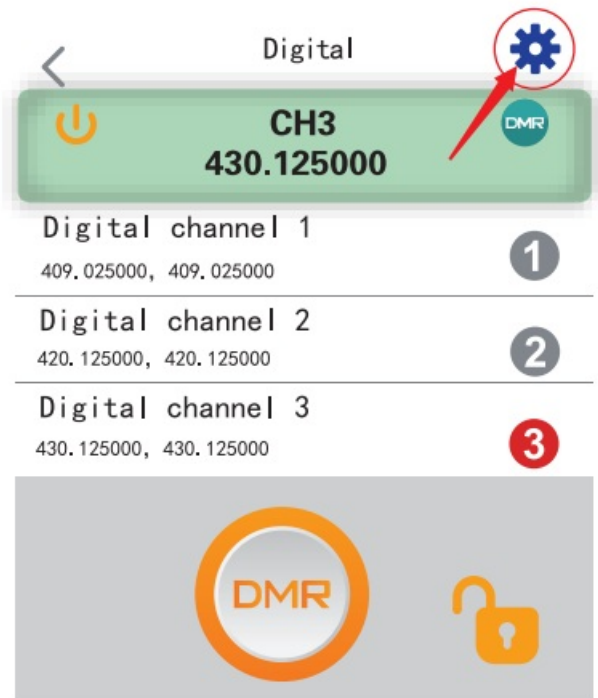
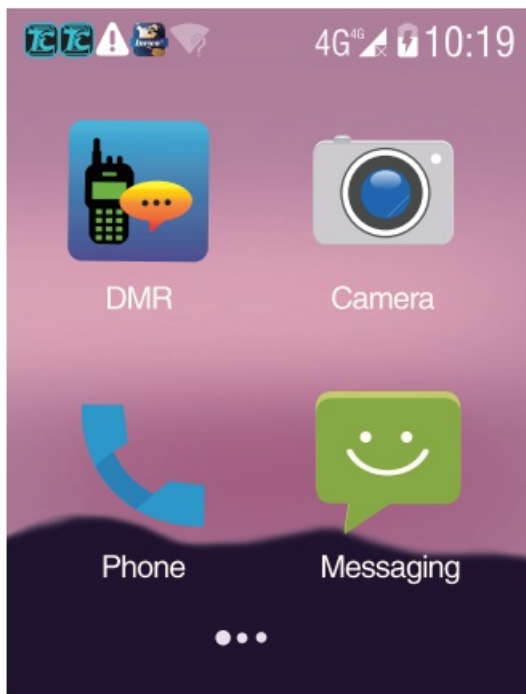
Connect the radio and charger according to the direction shown as below.



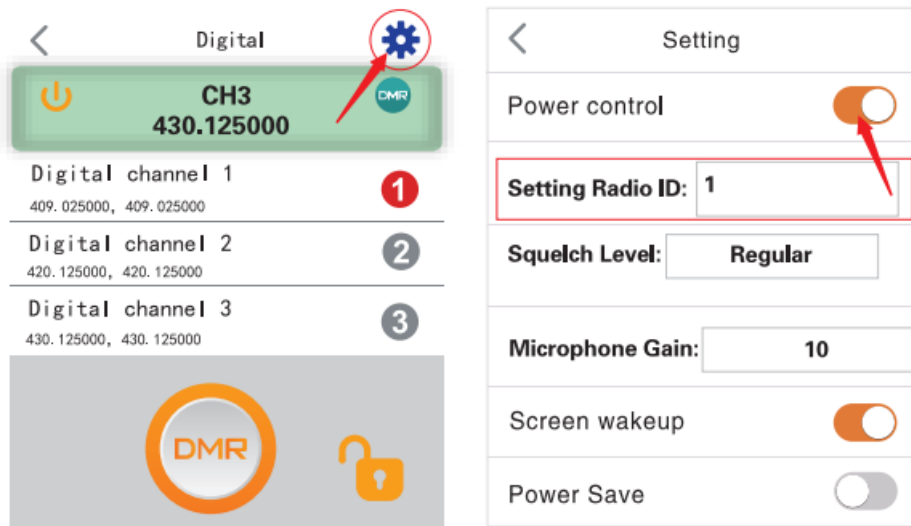
Basic Functions

1. Powering Up and Powering Off the Radio

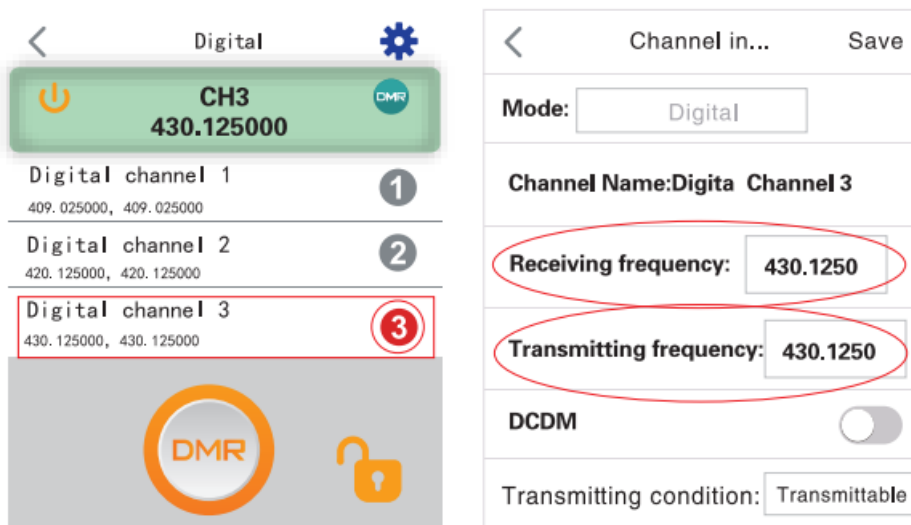
- Power On: Long press the power button for 3 seconds and the program will start.
 - Power Off: Long press the power button for 3 seconds. If the device is on charging, indicators will be in red and display the current battery level.
2. User Log-in After the user log in successfully, user ID will be broadcast.
 3. Initiate a Call
 - Press PTT button and start to talk.
 - The LED light is 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 F1 button to playback cyclically the latest 10 voice records.
 - Press the PTT button, return automatically to the last voice record.
 5. DMR Functions
 - (a) Click DMR icon, press PTT to talk if two devices have the same frequency.



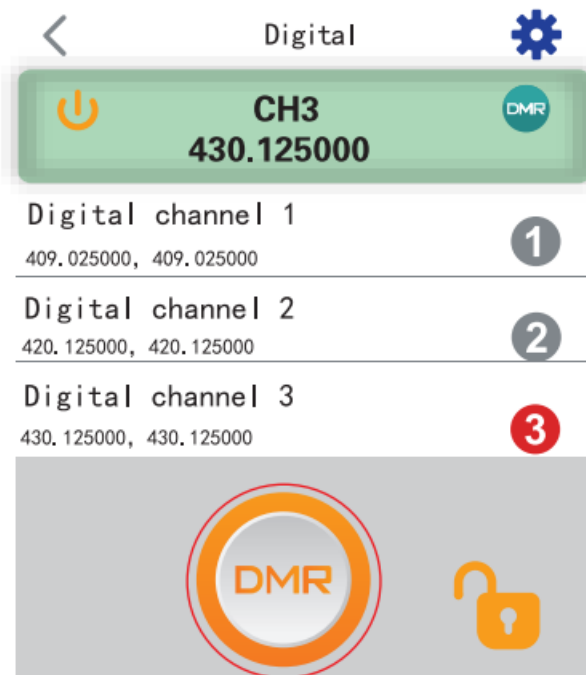
- (b) If you cannot talk, please confirm if the power control is turned on which has shown as following.



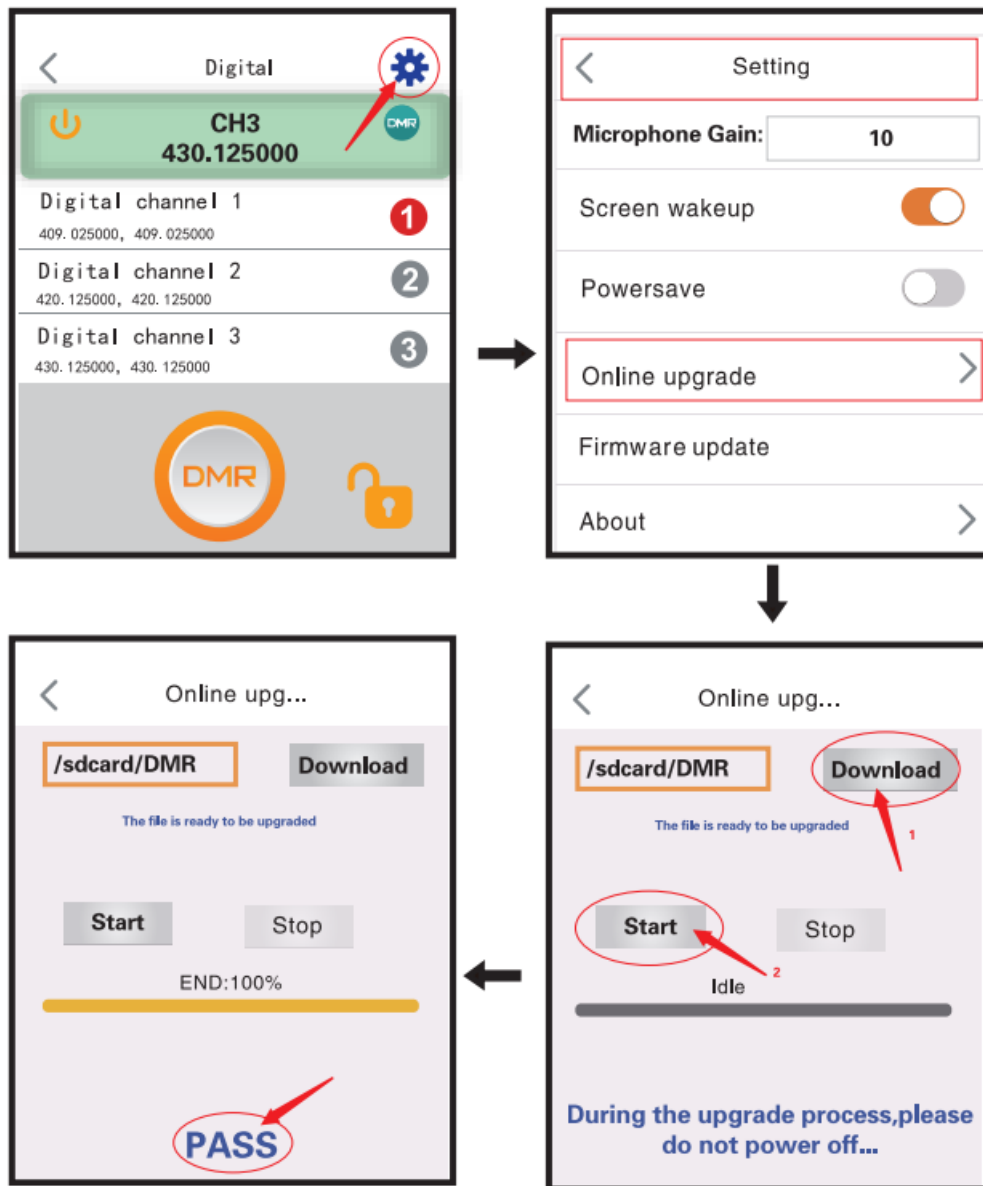
(c) Program frequency as below.



(d) Switch DMR and PoC mode as following(if use our solution). If it shows non-DMR, press the orange side button to switch to DMR mode. If it shows PoC which means it connects to public network.



(e) DMR mode upgrading, follow steps as below

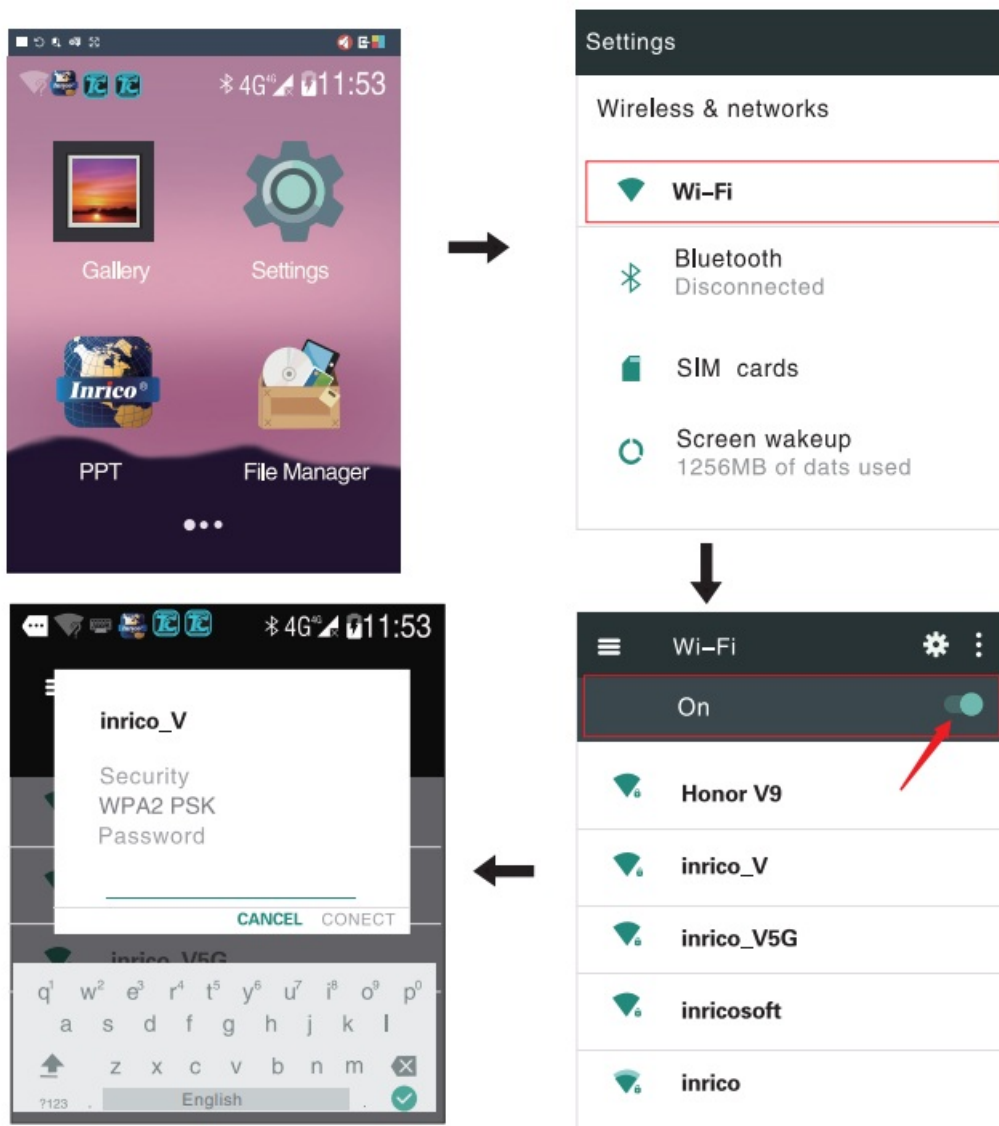


Status Indicators

LED Indicator	Working Status	Remark
Blinking Red	Low power less than 15%	Flash 3S/time
Solid Red	Radio is transmitting.	
	Radio is powering up	
Blinking Green	Normal standby	Flash 5S/time
	Radio is receiving.	
Solid Green	Fully charged	

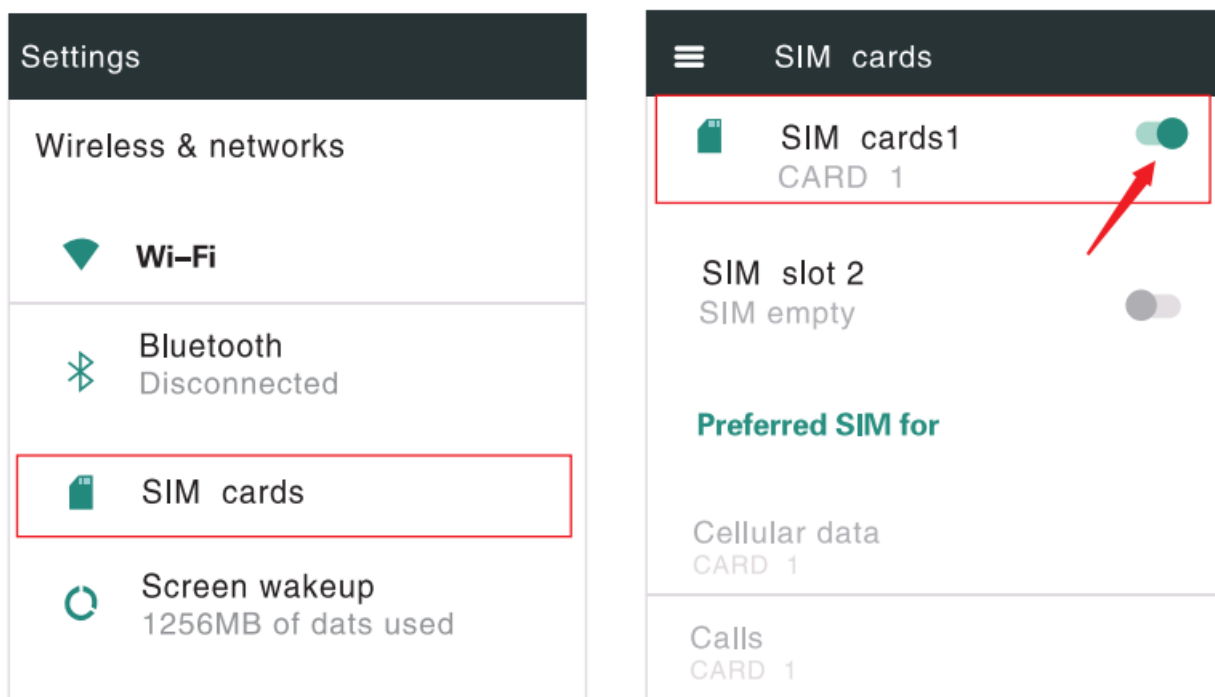
Network Connecting

1. WIFI Connecting



2. Cellular Network Connecting

Open "Settings", tap on 'SIM cards', select the slot that you need to connect.



Application Management

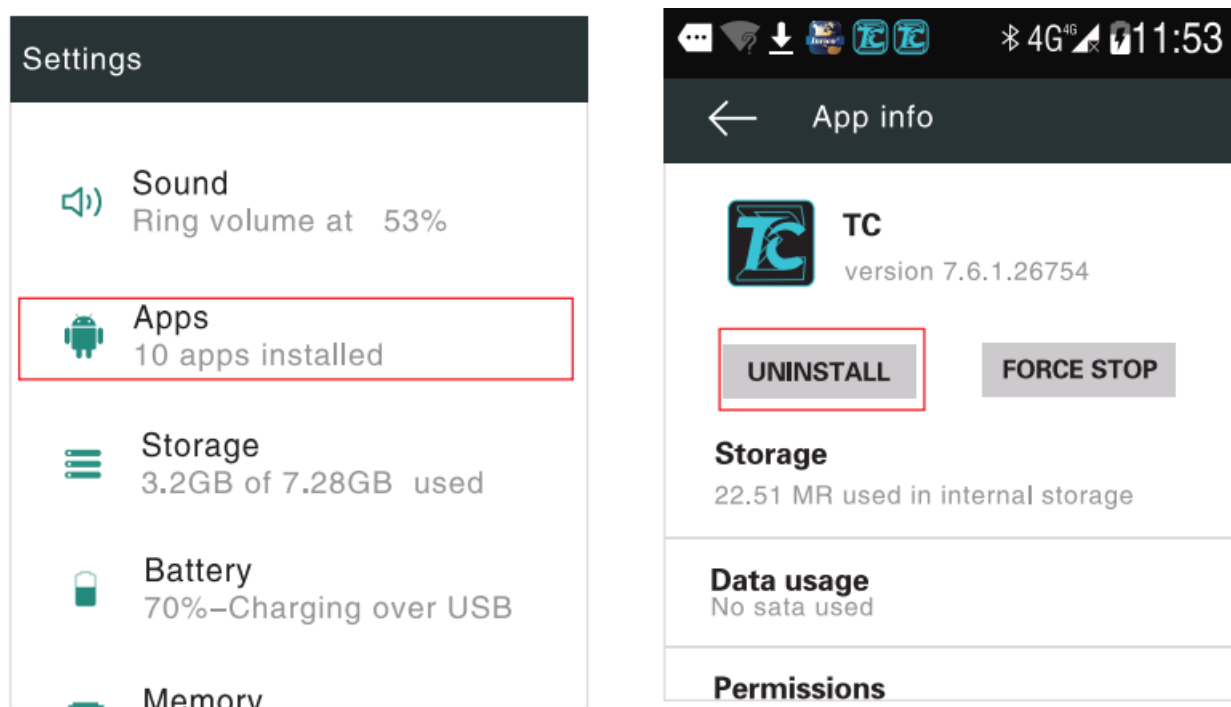
1. Install Applications

Using PC to transfer the APK file to the device if you want to install the APP, access terminal file manager to install.

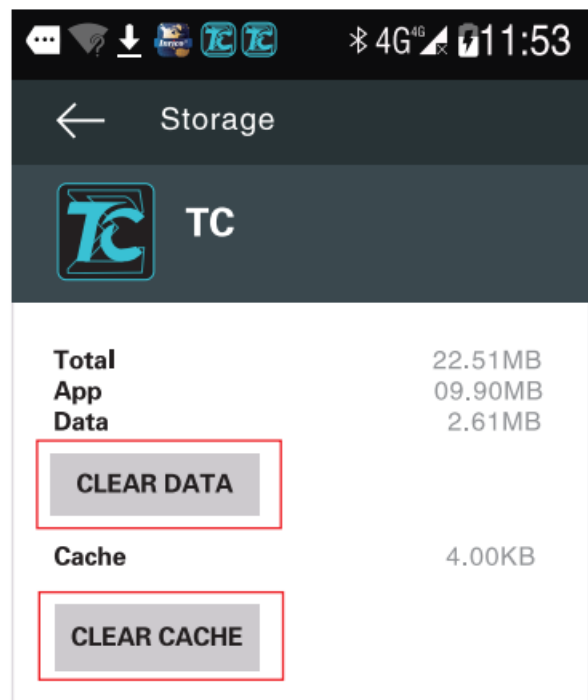
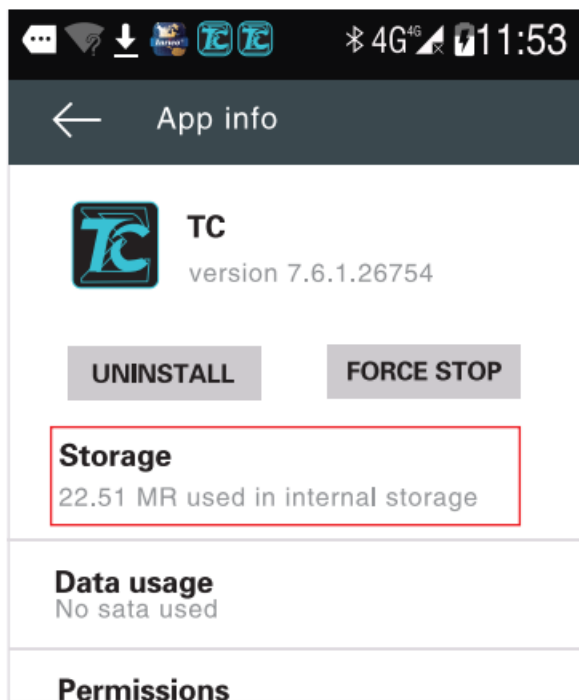


2. Uninstall Applications

Select "Settings" —> Apps —> Confirm the APP to remove—> UNINSTALL

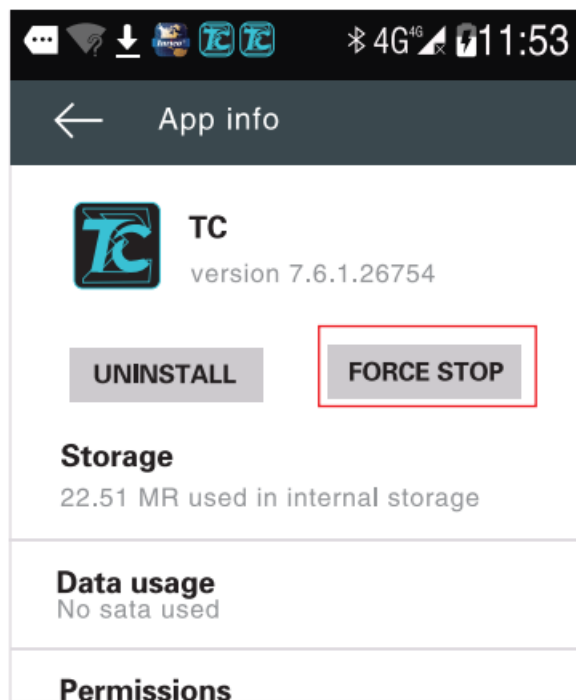


3. Clear Application Data or Cache Select "Settings" —> Apps —> Confirm the APP required—> FORCE STOP



4. Stop Running Non-systematic APP

Select "Settings" —. Apps —. Confirm the APP required—) FORCE STOP



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 electric al 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, dean the speaker surface.
Unable to Locate	The signal is weak and the radio can't receive the signal. – Move to open and fl at 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.

Specifications

Hardware		
S.O.	Android 7.1	
Frequencies	GSM: B2/B3/B5/B8	
	WCDMA: B1/B2/B5/B8	
	TDD-LTE: B38/B39/B40/1341	
	FDD-LTE: B1/B3/B5/B7/B8/B20/B28a/B28b	
SIM	Dual-SIM (microSIM)	
Network support	WIFI, BT 4.0, GPS-AGPS	
CPU	MTK6739VAe	
Memory	1GB(RAM)+ 8GB(ROM)	
Working Voltage	3.8V	
Display	2.4 “, 240’320 pixels	
Camera	Camara frontal:2.0MP Camara trasera:13.0MP	
Battery	6000 mAh	
DMR		
Frequencies	440 – 470 MHz	
Channels	16	
Spacing	12.5 / 25 kHz	
Power	0.5 (baja) / 2 W (alta)	
Physical		
Dimensions	140’64’35mm (w/o antenna, w/o belt clip)	
Weight	300 gr.	
Working temperature	-20°C – 55°C	
Storage temperature	-40°C – 60°C	
Speaking time	PoC: 18 h	DMR: 15 h.
Standby time	PoC: 22 h.	DMR: 45 h.



EU DECLARATION OF CONFORMITY

FALCON RADIO & ACCESSORIES SUPPLY, S.L. ID no.: B-60565314. C/ Vallespir, ric) 13. Poligono Industrial Font Santa. 08970 San Joan Despi – Barcelona (SPAIN). Phone no.: (+34) 934 579 710 – Fax no.: (+34) 934 578 869 – www.telecomfalcon.com

Product description:

Equipment: GSM, 3G & 4G/LTE SMART PoC HANDHELD TERMINAL WITH 2,4” LCD.

Brand: INRICO

Model: T368

Manufacturer: Shenzhen Inrico Electronics Co., Ltd.

Made in: China

The product complies with the provisions of the European Directive 2014/53/EU of the European Parliament and of the council of 16 April 2014 on the harmonization of the laws of the member States relating to the making available on the market of radio equipment and repealing Directive 1999/05/EC. The standards granting presumption of conformity with this Directive are:

EN 301 511 V12.5.1 (2017-03)

EN 301 908-1 V13.1.1 (2019-11), EN 301 908-2 V11.1.2 (2017-08) EN 301 908-1 V13.1.1 (2019-11), EN 301 908-13 V13.1.1 (2019-11)

EN 303 413 V1.1.1 (2017-06) EN 300 086 V2.1.2 (2016-08) EN 300 113 V2.2.1 (2016-12)

EN 301 489-1 V2.2.3 (2019-11), EN 301 489-5 V2.2.1 (2019-04) EN 301 489-19 V2.1.1 (2019-04), EN 301 489-52 V1.1.0 (2016-11) EN 62368-1: 2014+A11: 2017 EN 50360:2017, EN 50566:2017 .

The notified body 1313 "Bay Area Compliance Labs. Corp. (BACL)" has issued the EU Type Examination Certificate no.: 8201283



Sant Joan Despí-Barcelona (Spain), 2021 November 20

Xavier Falcón Vilaplana & Lluís Falcón Vilaplana, Managers
FALCON RADIO & A.S., S.L.

CERTIFICATE OF GUARANTEE

FALCON RADIO & A.S., S.L.

CIF: B-60565314 C/ Vallespir, n2 13. Poligono Industrial Fontsa. 08970

Sant Joan Despí. Barcelona (Espana). Tfno: +34 93 457 97 10. www.telecomfalcon.com

Appliance Brand:	Model:	Serial no:
Buyer's name:		
Address:		Seal and dealer's name:
City:	Zip Code:	
Province:	Phone number:	
Date of purchase:		

WARNING: The warranty is valid only when it's total and duly completed, legibly and clearly, with the seal and dealer's name and have attached the purchase invoice of the device.

PURCHASE GUARANTEE:

The guarantee includes all the rights that the consumer or user has in accordance with the provisions of Spanish Royal Legislative Decree 1/2007 of November 16, which approves the consolidated text of the General Law for the Defense of Consumers and Users. These warranty conditions are independent of the rights that the consumer or user has against the seller derived from the contract of sale of the device.

This device is guaranteed for a period of 2 years, to repair free of charge any breakdown or defect provided that it

is due to a manufacturing problem or a defective component that involves a malfunction of the device. The guarantee is unique and non-transferable, and cannot be issued again either in original or in copy. The replacement by failure of the device, any accessory or part thereof will not imply an extension of the warranty. In the event that the device is replaced by a new one, the term will always have at least a 6-month warranty period from delivery, but in no case does a new 2-year period begin.

The warranty covers the replacement and free replacement of all parts that present defects in the materials and components used in the manufacture and/or assembly of the device.

Checking the accessories is the responsibility of the end customer at the time of purchase of the device.

The warranty does not cover rechargeable batteries even if they are part of the device because they are considered fungible material. Its possible defect must be notified within a maximum period of FIFTEEN DAYS counted from the date of purchase of the device.

The warranty does not cover possible failures caused by accidents, improper installation and use, use of non-original or incompatible accessories, connection to a voltage other than that specified, or claims due to deterioration in the external appearance due to normal use or repairs or manipulations carried out by personnel outside the Technical Service.

The warranty will be voided in devices and accessories in which the serial number has been modified or is illegible.


The warranty will also be voided by any firmware update done by unauthorized personnel, frequency range modification as well as any damage to the power transistor.

For warranty conditions it is necessary to deliver the damaged device along with its accessories and the following documents to the seller's establishment or the Technical Service:

- 1. Purchase invoice or original ticket.
- 2. Description of the fault or defects found.

We recommend that you save the invoice or purchase ticket of the device during your warranty period.

Documents / Resources

	<p>incrio T368 POC Radio Touch Timely Everywhere [pdf] User Manual</p> <p>T368 POC Radio Touch Timely Everywhere, T368 POC, Radio Touch Timely Everywhere, Time ly Everywhere, Everywhere</p>
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