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.
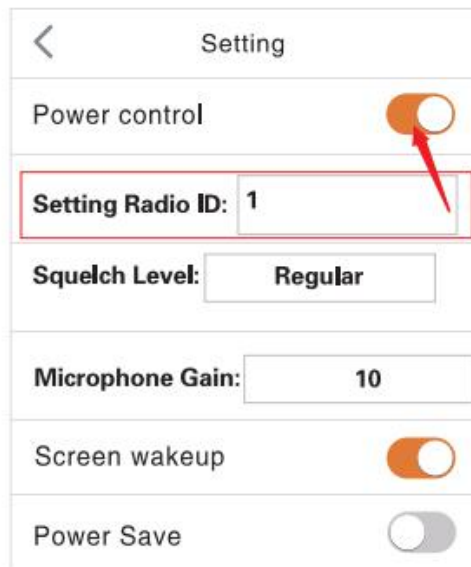
4. Voice Playback
◆ Short press the F1 button to playback cyclically the latest 10 voice records.
◆ Press the PTT button, return automatically to the last voice record.
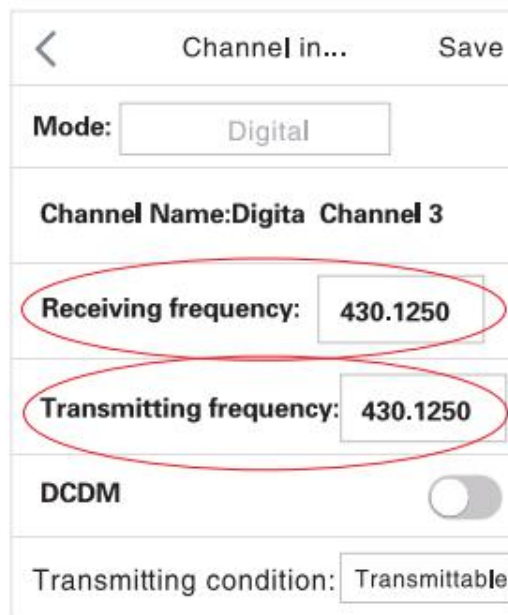
5. DMR Functions
(a) Click DMR icon, press PTT to talk if two devices have the same frequency.
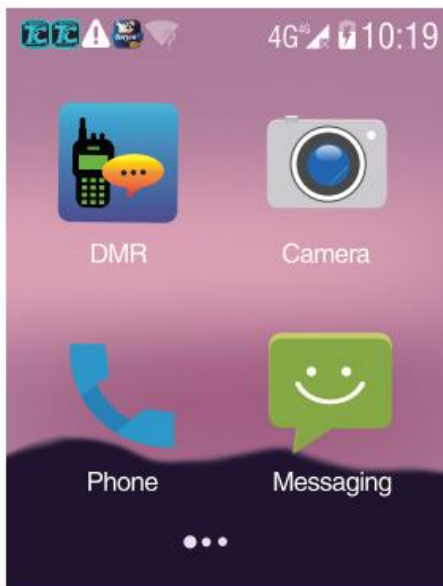
(b) If you cannot talk, please confirm if the power control is turned on which has shown as following.

(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.

ps as below.
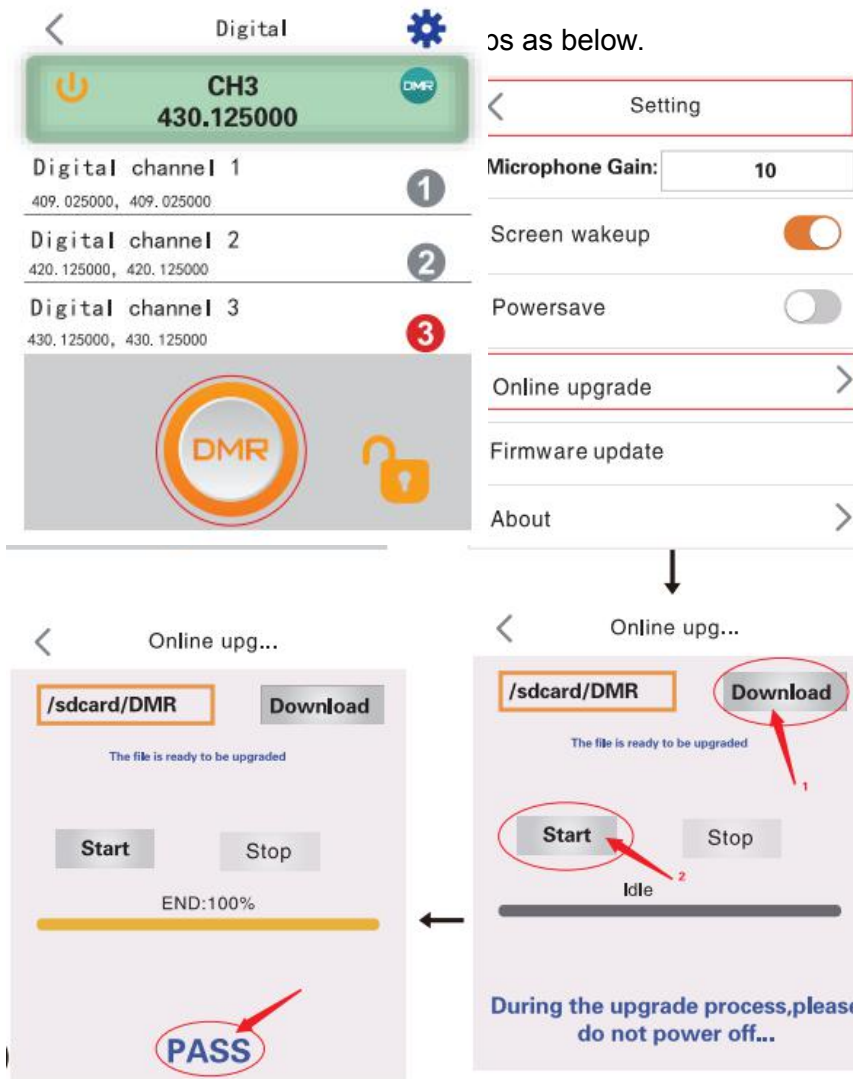
Status Indicators

| 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
Solid Green	Radio is receiving.	
	Fully charged	

Network Connecting

1. WIFI Connecting
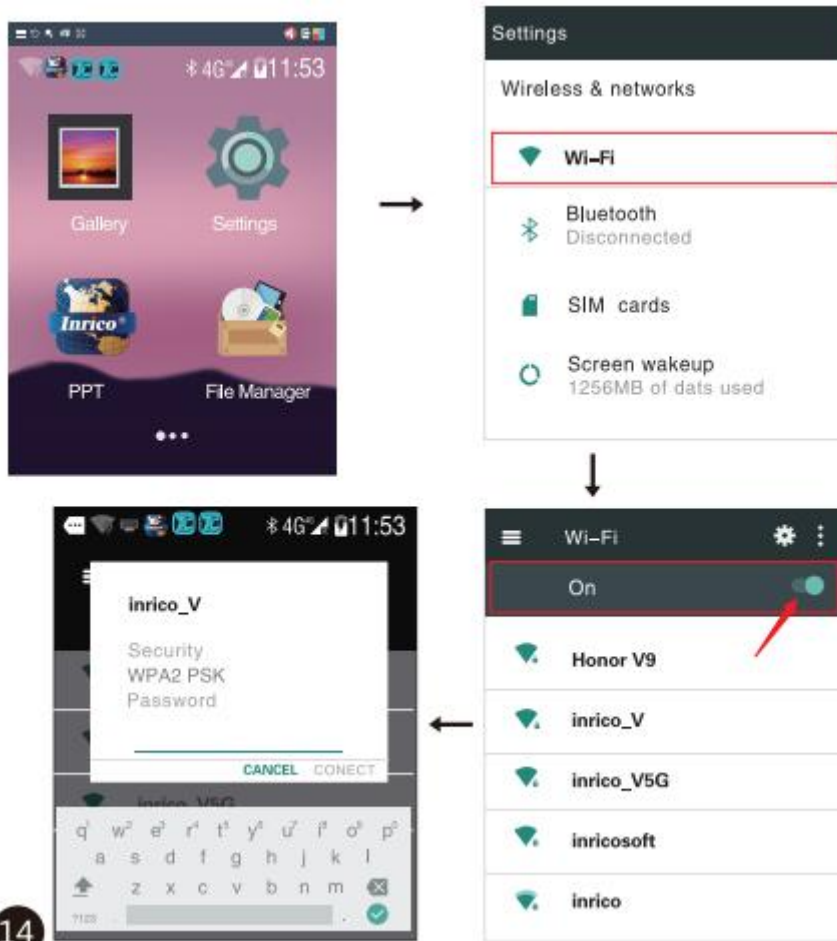
2. Cellular Network Connecting

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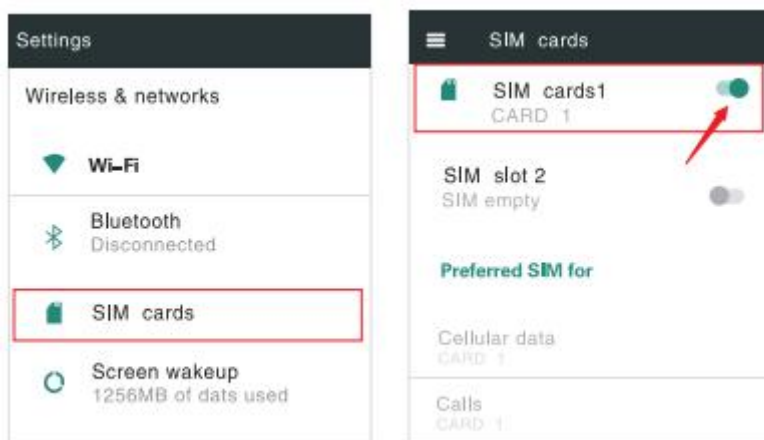
Application Management

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
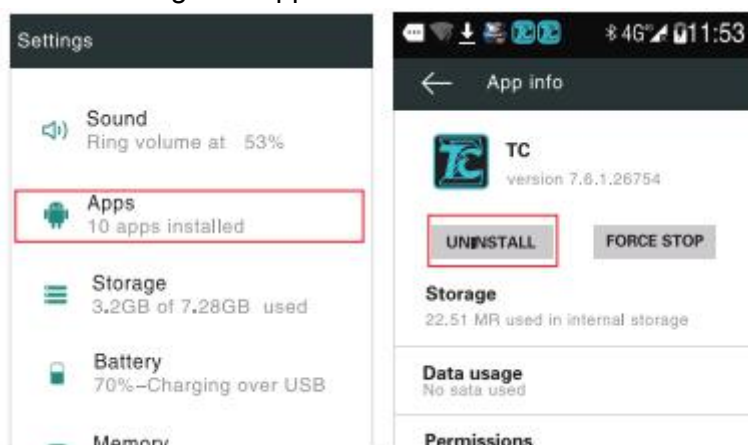
3. Clear Application Data or Cache

Select "Settings" → Apps → Confirm the APP required→ Clear APP data and cache

4. Stop Running Non-systematic APP

Select "Settings" → Apps → Confirm the APP required→ FORCE STOP

Basic Troubleshooting

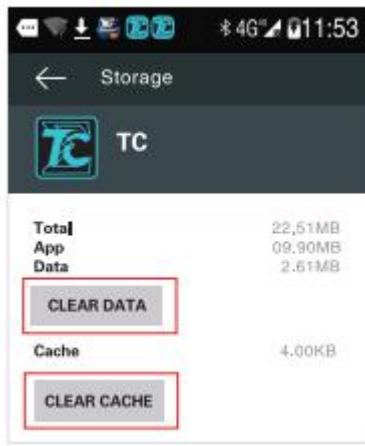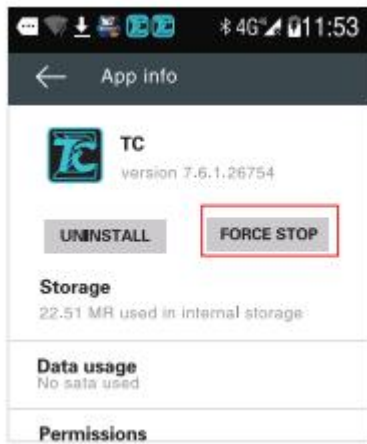If your device shows following problem during operating, please check the instruction as below. If problems can't be solved, please contact local authorized service.

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 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 radio 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.

	The SIM card cannot work properly or cannot be used. - Make sure the SIM card has a balance instead of arrears.
Can't Connect to Network	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 7.1	
Frequency	**EU version**	GSM: B2/B3/B5/B8
		WCDMA: B1/B2/B5/B8
		TDD-LTE: B38/B39/B40/B41
		FDD-LTE: B1/B3/B5/B7/B8/B20/B28a/B28b
	US version	GSM: B2/B5
		WCDMA: B1/B2/B4/B5
		FDD-LTE: B1/B2/B4/B5/B7/B12/B13/B17/B28a/B28b
Network Support	WIFI BT GPS	
CPU	MTK6739VA	
Memory	1GB(RAM)+ 8GB(ROM)	
Working Voltage	3.8V	
Display	2.4 inch, 240*320 pixel	
Camera	Front Camera:2.0MP, Rear Camera:13.0MP	
Battery	6000 mAh	
Dimension (H*W*D)	140*64*35mm(Without Antenna & Belt clip)	
Weight	≈300g	
Working Temperature	-20°C ~ 55°C	
Storage Temperature	-40°C ~ 60°C	