

Inrico

Innovation Rich Communications

PoC Mobile Radio



TM-7_{PLUS}

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

www.inricosolutions.com

Notes Before Using

Please read the following content carefully. It is very important for radio users to gain general knowledge and risks.

- Do not use the device in any hazardous areas such as gas, dust, steam, etc.
- Please turn off the device while refueling or parking at the gas station.
- Do not disassemble your radio.
- Avoid prolonged time in the sun or placing it near heating appliance.
- Avoid excessive exposure to the extreme dusty, damp and splashing place, or leave it on unstable surface.
- Repairation by professional technicians, do not disassemble by yourself.

Disclaimer

Inrico reserves the right to modify product design and specifications. Inrico assumes no responsibility in the event of printing errors. All specifications are subject to change without notice.

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Unpacking and Device Checking

Please unpack 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.

Accessories

Items	Number
Mobile Radio	1
Power Cable	1
Touchscreen Pen	1
Main Antenna	1
GPS Antenna	1
Hand Microphone	1
External Bracket	1
QR Code Manual	1
Fixing Screw Pack	1
Hand Microphone Fixing Accessory	1
Screwdriver	1

Handling Precautions

Operating Voltage

Please use within the specified voltage range (12V-24V).

Flammable and Explosive Area

Do not operate the product in a location containing fuels, chemicals, explosive atmospheres and other flammable or explosive materials.

Operating Prohibitions

- Do not use the device in any hazardous areas such as gas, dust, steam, etc.
- Please turn off the device while refueling or parking at the gas station.
- Avoid prolonged time in the sun or placing it near heating appliance.
- Avoid excessive exposure to the extreme dusty, damp and splashing place, or leave it on unstable surface.
- Do not place the device near heat sources or fire sources such as electric heaters, microwave ovens, ovens, water heaters, stoves, candles, or other places that may generate high temperatures.
- Do not use the device during thunderstorms, which may cause equipment failure or electric shock.
- Do not install the radio in a place where human skin can touch the base. High temperature may burn skins.
- When the product is working , do not touch its hot metal shell to avoid burn.
- Do not adjust the product during driving and pay attention to road conditions. Pull off the road and and park properly when necessary.
- Reparation by professional technicians, do not disassemble by yourself.

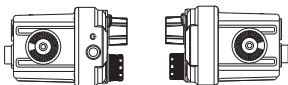
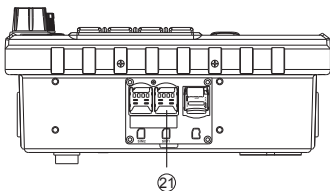
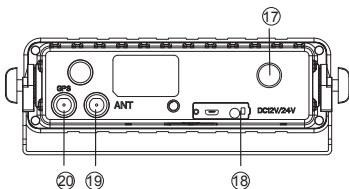
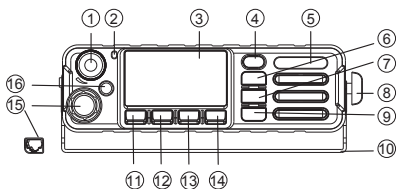
Accessories Requirement

- Do not use any unapproved, damaged accessories or incompatible power source, which may cause fire, explosion or other hazards.
- Please use approved accessories only. It will violate the warranty clause if using other unproved accessories and causing accidental damage.

Maintenance

- Before cleaning and maintaining the device: please stop running, turn off, and disconnect all connections with other equipment.
- When you do not use the mobile 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

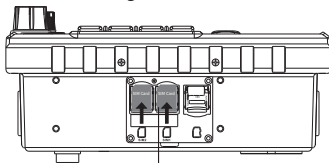


①	Volume Knob	Rotate the Volume Control Knob clockwise or counterclockwise, press to confirm. (By default, short press to switch to the APP main interface Group mode, rotate the knob to switch)
②	LED Indicator	
③	LCD Display	
④	SOS	
⑤	LOGO	
⑥	Scroll Up Button	Move up
⑦	Scroll Down Button	Move down
⑧	Bracket Fixed Screws	
⑨	Return Key	Short press to return to the main menu
⑩	Bracket	
⑪	P1 Programmable Button	Define shortcut keys or customize
⑫	P2 Programmable Button	Define shortcut keys or customize
⑬	P3 Programmable Button	Define shortcut keys or customize
⑭	P4 Programmable Button	Define shortcut keys or customize
⑮	Palm-MIC	RJ45/aviation connector interface optional. Support upgrade, programming, and data transmission
⑯	On/Off Button	Short press: bright screen/ rest screen. Long press: Shutdown/Restart.
⑰	DC Power Connector	
⑱	External speaker interface/ USB (OTG) interface	
⑲	Main Antenna Connector	
⑳	GPS Antenna Connector	
㉑	SIM Card Slot	

Accessories Installation

1.Insert SIM Card

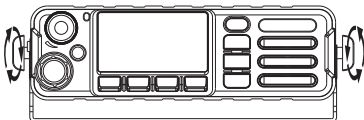
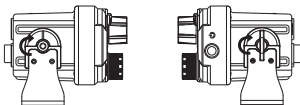
Insert SIM card to the the SIM card slot, close the cover and tighten the screws.



SIM Card lot

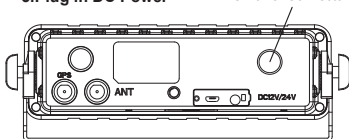
2.Attaching the Bracket

- Rotate clockwise and tighten it.
- Rotate counterclockwise to remove it.

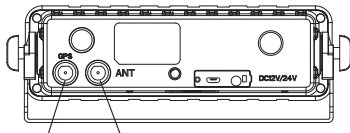


3.Plug in DC Power

DC Power Connector

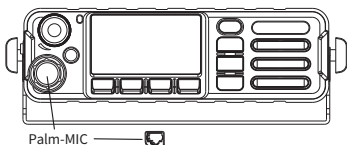


4.Attaching the Antennas



GPS Antenna Connector Main Antenna Connector

5.Attaching the Palm



Basic Functions

•Power on/off

Make sure the power is plugged in

- 1、 Power on automatically
- 2、 Without power off, manually shut down the case, and long press the on/off button for 3 seconds to turn on the machine.

•Message

Click to enter the information interface, which will display a list of received information. You can proceed with the edit, send, delete information, and other operations.

•Settings

Set and view related system functions and status.

• Reset

Select "Backup and reset" in the settings menu, and then select factory data reset.

WARNING: A factory reset will reset the device to its original factory state, wiping system and app data and settings, including downloaded apps.

• Cable Connection

When connecting the cable, you need to turn off the "Cable/USB Camera" switch in the system settings, and you can only choose one of the two at the same time for the USB camera, microphone, and cable function.

Status Indicators

The indicators could be customized according to the APP. The following is the default indicator status of Inrico APP.

Working Status	LED Indicator	
	Color	Lasting Time
Transmitting	Red	Solid Red
Receiving	Green	Solid Green
SOS Starts	Red	Solid Red

Operation Interface

1. Input Account and Password

The user configure IP address according to the platform server and then login.



2. Communication

- ① Select the contact or group, press PPT button of the palm-mic to talk.

Red light means sending



- ② Release PTT to end the call



- ③ Receive Message

Green light means receiving



3. Volume Adjustment

The volume can be adjusted through the volume knob.



4. Emergency Operation

Press SOS button for 2 seconds to alarm automatically.
(Defined via APP)



5. Programmable Buttons

P1/ P2/ P3/ P4 button can be defined shortcut keys or customize.



6.Exit

Press return button to exit and back to the main interface.



Simple Troubleshooting

Problems	Solutions
Terminal Crash	<ul style="list-style-type: none">• Too many APPS on processing. Force some programs to quit or restart the terminal.
Buttons Not Working	<ul style="list-style-type: none">• The buttons may not work temporarily, restart the terminal.• The buttons are broken, contact the dealer or our company.
White Screen Error	<ul style="list-style-type: none">• 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	<ul style="list-style-type: none">• The signal may be weak, make sure the terminal is within network coverage.• The speaker may be covered, clean the speaker surface.
Unable to Detect SIM Card	<ul style="list-style-type: none">• 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.
Unable to Locate	<ul style="list-style-type: none">• The signal is weak and the radio can't receive the signal. Move to open and flat area and try again.
Unable to Connect the Network	<ul style="list-style-type: none">• SIM card cannot work properly or cannot be used. Make sure the SIM card have balance and not overdue.• Terminal network is not enabled, swift on the SIM card network and contact the network operator to activate the cellular network.

Specification

OS		Android 11.0
Frequency	EU Version	GSM: B2/B3/B5/B8
		WCDMA: B1/B2/B5/B8
		TD-SCMDA: B34/B39
		CDMA: CDMA2000 1X/EVDO BCO
		TDD-LTE: B38/B39/B40/B41
		FDD-LTE: B1/B3/B5/B7/B8/B20/B28A/B28B
	US Version	GSM: B2/B3/B5
		WCDMA: B1/B2/B4/B5
		TD-SCMDA: B34/B39
		FDD-LTE: B2/B4/B5/B7/B12/B13/B17/B28A/B28B/B66
TDD-LTE: B38/B40		
Support		GPS+BEIDOU+GLONASS+GALILEO
CPU		MTK6761
Memory		2GB(RAM)+ 16GB(ROM)
Working Voltage		12-24V
Display		2.45" IPS, 240*432
Dimension(HxWxD)		188*58*87mm
Weight		≈450g
Working Temperature		-20°C ~ 60°C
Storage Temperature		-30°C ~ 70°C