



DTP89004G^{LTE}

Nationwide Radio

- 2.4 TFT Display
- LTE Enabled
- GPS Function Optional
- Private Call
- Group Call

USER'S MANUAL

As a result of technical improvements,
the functions are subject to change without notice

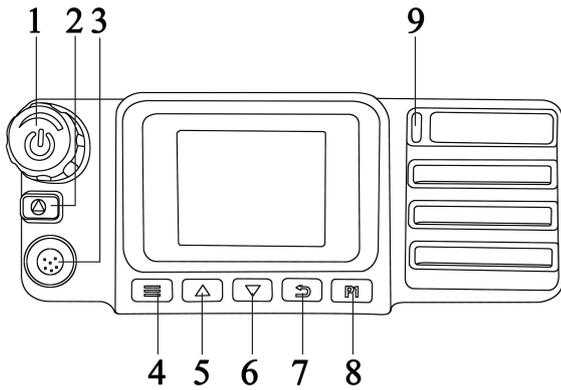
Checking Equipment

Carefully unpack the device. We recommend that you identify the items listed in the following table before discarding the packing material. If any items are missing or have been damaged during shipment, file a claim with the carrier immediately.

ACCESSORIES

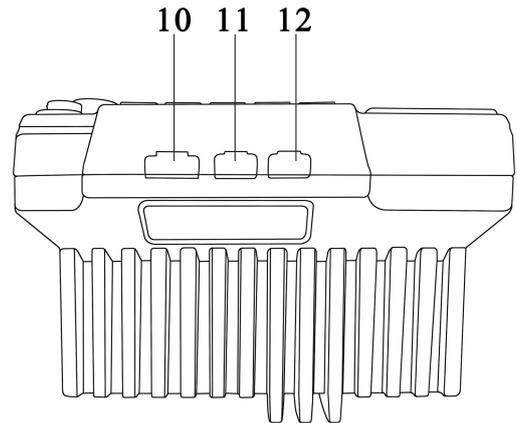
ITEM	QUANTITY
Mobile Radio	1
Hand Microphone (With Hanger)	1
Antenna (LTE & GPS)	1
Power Cord (With Fuse)	1
Mounting Bracket	1
Locking Knob	2
Screw	6
User's Manual	1

Getting Acquainted



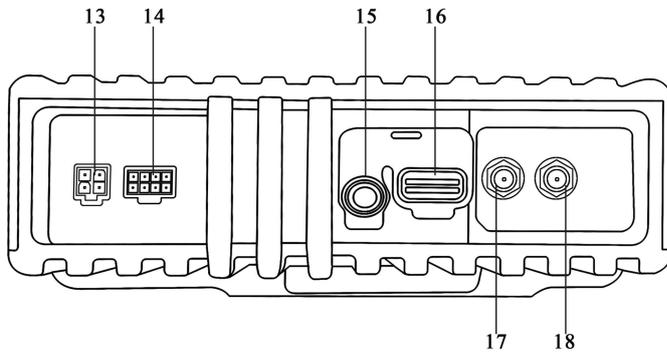
Front

1. Switch knob
Short Press to power on
Rotate clockwise to increase volume
Rotate anti-clockwise to decrease volume
Press and hold to power off
2. SOS key - Press and hold for 3 seconds
or until SOS message broadcast
3. Aviation Connector
4. Menu key - Select and confirm key
5. Up key - Move selection up
6. Down key - Move selection down
7. Back key - Returns to previous screen
8. P1 key - On group select screen monitor group
9. Status LED



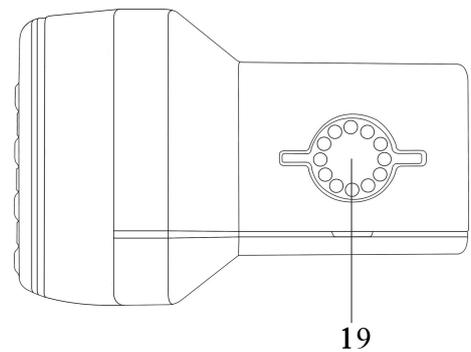
Bottom

10. SIM card slot 1 (Push-in-Push out lock)
11. SD card slot (Push-in-Push out lock)
12. SIM card slot 2 (Push-in-Push out lock)



Back

13. 12v DC Power input
14. Accessory Connector
15. 3.5mm External Speaker Jack
16. USB 2.0 input
17. LTE Antenna
18. GPS Antenna



Side

19. Bracket connector

Radio Display

Icon	Name	Status
	Signal	More bars indicate stronger signal strength
	Network Availability	Network Acquired
	GPS	GPS Available, but not located
	GPS	GPS Positioning successful
	Key Lock	Keypad Locked
SOS	SOS	Transmit SOS or Receive SOS
	Records	PTT Recordings is enabled
	Monitor	Indicates group monitor enabled

Menu Icon Display

Icons	Name	Icons	Name
	Groups List		Phone Contacts
	Friends List		Phone Records
	User List		Audio Settings
	Dispatcher Messages		Advanced Settings
	PTT Records		Settings

Basic Operation

Power On

Short press the switch knob, the status LED will begin to flash blue.

The radio will connect to the network, once connected the radio will login, the status LED will begin to flash blue rapidly.

Power Off

Press and hold the switch knob to power off.

The LED will illuminate red and the LCD will display 'Power Off'.

Transmitting

While pressing the PTT, the status LED will illuminate red indicating the radio is in transmit mode.

Receiving

When receiving a transmission, the status LED will illuminate blue.

The second line on the LCD will indicate Listening: and the third line on the LCD will indicate the calling name.

Quick Access

From the home display the front keys also act as quick access keys.

Short press the up arrow for Group List

Short press the down arrow for User List

Advanced Operation

Keypad

Press ≡ (menu) key to enter menu

Press ▲ or ▼ keys to select items

Press ↶ (back) key to return to previous menu

Press ≡ key to confirm selection

P1 – Display GPS information

Choose Group

1. Press the ≡ (menu) key
2. Short press ≡ key to choose the group list
3. Press ▲ or ▼ keys to choose desired group
4. Short press ≡ key to enter the group

Friends List

1. Press the ≡ (menu) key
2. Short press ▼ key and short press ≡ key to display Friends list
3. Short press ▲ or ▼ keys to change between desired users
4. Short press ≡ key to select desired user

Once all desired users are selected press PTT to begin temporary Call

User List

1. Press the ≡ (menu) key
2. Short press ▼ key twice and short press ≡ key to display User list
3. Short press ▲ or ▼ keys to change between desired users
4. Short press ≡ key to select desired user

Once all desired users are selected press PTT to begin temporary call

Text Messages

On receiving of a message, an icon (Envelope) will display in the top black status line of the LCD.

1. Short press ≡ (menu) key
2. Short press ▼ key three times and short press ≡ key to display Message list
3. Short press ▲ or ▼ keys to change between desired messages
4. Short press ≡ key to view desired message

Once all of the messages have been viewed the icon (Envelope) will be removed from display indicating no new un-read messages.

Monitor Groups

The radio can listen to multiple groups at once, to enable monitoring;

From the home screen

1. Press the ≡ (menu) key
2. Short press ≡ key to choose the group list
3. Short press ▲ or ▼ keys to choose desired group
4. Short press P1 key to enable/disable monitoring on selected group

A headset icon will appear next to the group signalling group monitor is enabled. If the radio is powered off the groups will no longer be monitored when radio is powered on.

Lock/Unlock Volume

1. Rotate the switch knob
2. LCD display will now display volume control
3. Short press ▲ or ▼ keys to lock/unlock
4. Short press ≡ key to save configuration

While the volume control is locked the switch knob will not adjust the volume. Saving the volume at the level desired will set the volume for next radio power on volume level.

Audio Settings

Menu	Sub Menu	Function Instruction
Audio Settings	Sound Quality	STD Mode = 4K HQ Mode = 8K Note: The sound quality must be set to the same across all devices for communication compatibility.
	SPK Level	-2/-1/standard/+1/+2
	MIC Level	-2/-1/standard/+1/+2
	Roger Beep	OFF: No voice when transmitting ON: A beep when transmitting

Settings

Menu	Sub Menu	Function Instruction
Settings	Backlight	<p>Open: LCD backlight will remain on.</p> <p>Auto: Backlight will turn on automatically when any key is pressed or if radio receives a transmission. If there is no operation for 10 seconds, Backlight will turn off automatically.</p> <p>Keys: Backlight will not turn on when the PTT is pressed or radio receives a transmission. Backlight will turn on if a keypad key is pressed and will remain on for 10 seconds.</p>
	Brightness	Level options from 1 to 9
	Auto Lock	<p>OFF: Long press Back Key 2 seconds to lock/unlock the keypad manually.</p> <p>ON: After 5 seconds of idle time the keypad will lock and a lock symbol will appear in the top black status display bar indicating the keypad is locked. To unlock the keypad press and hold the back key until display prompts with 'Unlocked'. Keypad will lock again after 5 seconds of idle time.</p>
	Language	English/ Simplified Chinese/Traditional Chinese
	Key Tone	<p>OFF: No voice when operating on keys.</p> <p>ON: A beep when operating on keys</p>
	GPS INF	Enter to check the local GPS information
	Version	Enter to check the software version, network mode, IMEI

Advanced Settings

Menu	Sub Menu	Function Instruction
Advance Settings	Network Mode	Auto/3G Prefer/2G Only/3G Only/4G Only
	Dual SIM	SIM1/SIM2
	PWR ON Mode	ACC: Once connect the ACC power cable,the radio will power on automatically when turn on engines KEY: Short press the switch knob to power on
	PWR OFF Mode	ACC: Once connect the ACC power cable,the radio will power off automatically when turn off engines KEY: Long press the switch knob to power off
	Rotate	Normal: Normal Display Inverse: Once inverse setting is selected and saved, the LCD display will reverse the display
	SOS Mode	OFF: Close SOS function. Normal: SOS alarm every 30 seconds and will stop after 3 cycles. HOT MIC: SOS alarm 30 seconds, auto open MIC for 10 seconds, then close for 20 seconds, and will stop after 3 cycles. Note: Even with this feature disabled the unit will still receive SOS alerts, if you would like this feature completely removed please contact your local dealer.
	Record Control	OFF: Will not record the audio ON: Will record all the audio the unit is receiving.
	Time Zone	Enter to choose the correct local Time Zone.
	PoC Update	Enter to check the current POC version or update POC version