
NM350

LTE PoC Radio

User's Manual

ANY DISTANCE, ANYWHERE

Azle Communications Solutions, LP

2020 South Las Vegas Trail Fort Worth, Texas 76108 United States

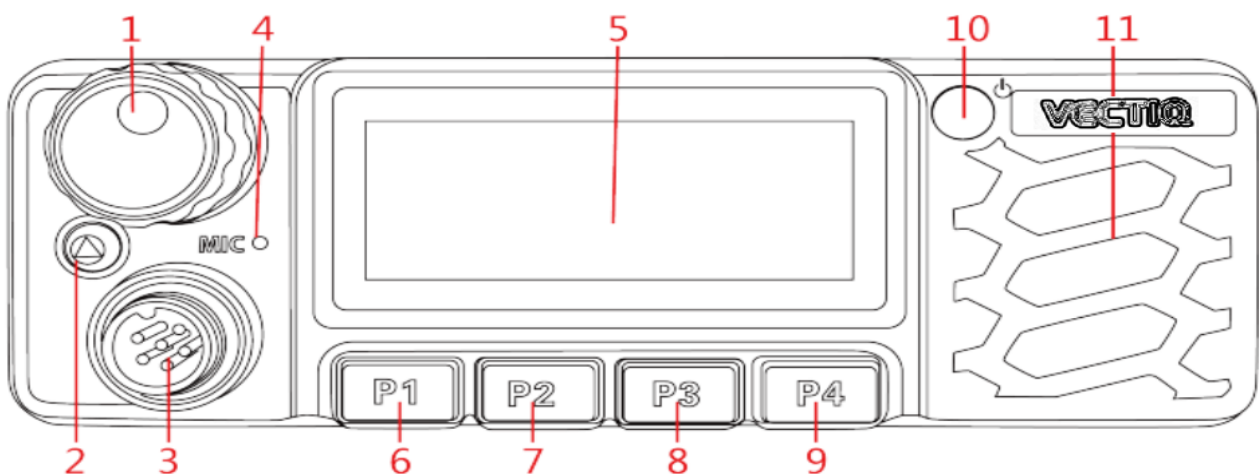
Checking Equipment

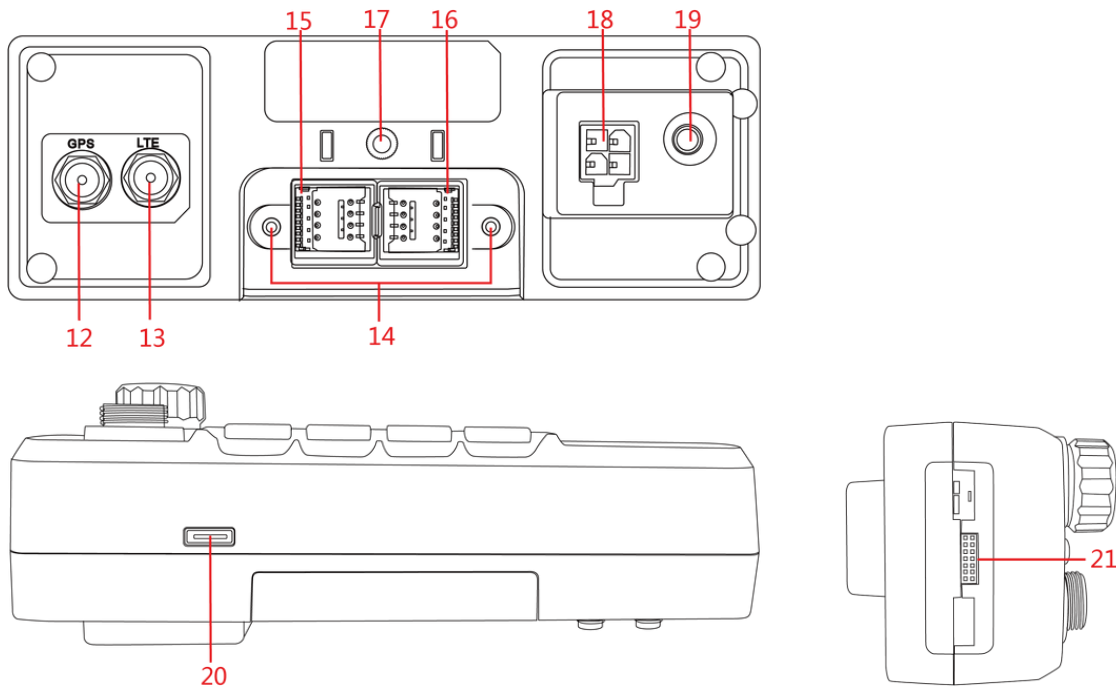
Carefully unpack the radio. We recommend that you identify the items listed in the following table before discarding the packing material. If any items are missing or have been damaged during shipment, file a claim with the carrier immediately.

Accessories

ITEM	QUANTITY
Antenna	3
Power Cord	1
User's Manual	1
Mounting Bracket	2
Screw	7
Fuse	1
Hand microphone	1
Expansion Speaker (option)	1

Getting Acquainted





1. Rotary push-button encoder

In standby status, rotate to enter the volume interface and adjust the volume.

In menu status, rotate clockwise to switch options downward.

In menu status, rotate counterclockwise to switch options upward.

In standby or menu status, press to enter the next level of the menu or option.

In option status, press to confirm.

2. SOS button

In any status, long press to send an SOS signal to the group you are in (SOS mode or HOT MIC must be enabled).

In any status, short press to play back the previous PTT record (PTT Records must be enabled).

3. Handheld microphone/programming jack

4. Built-in microphone**5. LCD display****6. P1 button**

In standby status, press/long press to enter the Choose Group.

In Choose Group, press to monitor the selected group.

In PTT Records, long press to delete the PTT record.

In the menu interface, long press the P1 button or the # key on the handheld microphone to refresh the menu and synchronize data.

In the volume interface, press to switch between enabling/disabling volume operations.

7. P2 button

In standby status, press/long press to enter the Friends List.

8. P3 button

In standby status, press/long press to enter the User List.

9. P4 button

In standby status, short press/long press to acquire the APRS of the last call object or SOS initiator.

In Remote Upgrade, short press to perform remote upgrade.

10. Illuminated push-button switch (power / back button & status indicator)

Transmitting: red light, receiving: blue light.

In the menu interface, short press to back to the previous menu or back to the standby interface.

In the power-on status, long press to power off (requires the power-off mode to be set to button).

In the power-off status, long press to power on (requires the power-on mode to be set to button).

In the standby status, short press to enter the select call PTT record (requires a PTT record).

11. Speaker**12. GPS antenna connector****13. LTE antenna connector****14. SIM card protective cover and fixing screw holes****15. Sim 1 Card Slot****16. Sim 2 Card Slot**

17. Bracket mounting hole**18. Power port****19. Headphone port****20. USB Type-C port****21. Expansion port and mounting hole****Icon Description**

Icon	Name	Description
	SOS	Receiving or transmitting an SOS signal.
	GPS	The first indicates no positioning. The second indicates successful positioning. And no icon indicates that GPS is not running.
	Missed a selective call	No response after being selected for a call
	SIM not recognized	Log in using a SIM card, but the SIM card is not recognized.
	Keyboard lock	The keyboard is locked.
	Wi-Fi	Wi-Fi connected
	New dispatcher messages	Received new dispatcher messages, or dispatcher messages have not been viewed.
	Cellular network signal	Current cellular network signal strength.
	Monitor	The group is being monitored.

Basic Operations

NOTE	Please check the following two items before using a. Please make sure the SIM card has been activated and has start the data service. b. Please make sure the radio has been programmed with the activated platform account and the correct APN information. If not, please contact local dealer for assistance.
-------------	---

1. Power On

Power cord with ACC and Power On Mode set at ACC: Plug in the power cord to power on automatically.

Power cord with ACC and Power On Mode set at KEY: Plug in the power cord, long press the Back key to turn on.

Power cord without ACC: Plug in the power cord, long press Back key to turn on.

2. Power Off

Power cord with ACC and Power Off Mode set at ACC: Unplug the power cord to turn off.

Power cord with ACC and Power Off Mode set at KEY: Long press Back key to turn off.

Power cord without ACC: Long press Back key to turn off.

3. Receiving

The indicator light turns blue, and the transmitter's name is displayed on the screen during receiving.

5. Menu Functions

Press the encoder to enter the menu.

Rotate the encoder to select a menu item.

Press the Back key to return to the previous list.

Press the encoder to confirm the option.

Main menu	Submenu	Options	Description
Choose Group			Choose a group.
Friends List			Select one or more online friends for a private call.
User List			Select one or more online users for a private call.
Dispatcher MSG			View the received dispatcher messages.
PTT Records			View existing PTT records.
WLAN Settings	WLAN Status		View the signal strength, name, IP, and MAC address of the connected WLAN.
	Work Mode	Off	Not connected to WLAN.
		WLAN-Manual	Unable to switch WLAN automatically.
		WLAN-Auto	When the current WLAN signal is weak, it will automatically connect to a WLAN with a stronger signal.
	Favorite List		Display the saved WLANs.

FCC Statement

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.

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates and can radiate radio frequency energy. If not installed and used in accordance with the instructions, it may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. Verification of harmful interference by this equipment to radio or television reception can be determined by turning it off and then 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 different circuit to that of the receiver's outlet.
- Consult the dealer or an experienced radio/TV technician for help.

Operation is subject to the following two conditions:

- This device may not cause harmful interference.
- This device must accept any interference received, including interference that may cause undesired operation.

Any Changes expressly or modifications not approved by the party responsible for compliance could void the user's authority to operate the equipment.

FCC Regulations

Federal Communication Commission (FCC) requires that all radio communication products should meet the requirements set forth in the above standards before they can be marketed in the U.S, and the manufacturer shall post a RF label on the product to inform users of operational instructions, so

as to enhance their occupational health against exposure to RF energy.

FCC Radiation Exposure Statement:

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment . This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter. This equipment should be installed and operated with minimum distance 20cm between the radiator &you body.

Frequency Range:

2.4GWIFI:802.11b/g/n20:2412-2462 MHz

802.11n40:2422-2452 MHz

3G/4G:WCDMA Band 2:1850-1910 MHz(TX), 1930-1990MHz(RX)

WCDMA Band 4: 1710-1755 MHz(TX), 2110-2155MHz(RX)

WCDMA Band 5: 824-849 MHz(TX), 869-894 MHz(RX)

LTE Band 2: 1850-1910 MHz(TX), 1930-1990MHz(RX)

LTE Band 4: 1710-1755 MHz(TX), 2110-2155MHz(RX)

LTE Band 5: 824-849 MHz(TX), 869-894 MHz(RX)

LTE Band 12: 699-716MHz(TX), 729-746 MHz(RX)

LTE Band 13:777-787MHz(TX), 746-756 MHz(RX)

LTE Band 14:788-798MHz(TX), 758-768 MHz(RX)

LTE Band 66: 1710-1780 MHz(TX), 2110-2200 MHz(RX)

LTE Band 71: 663-698 MHz(TX), 617-652 MHz(RX)