

ALERVITES



POC-AT1 PoC Radio User Manual

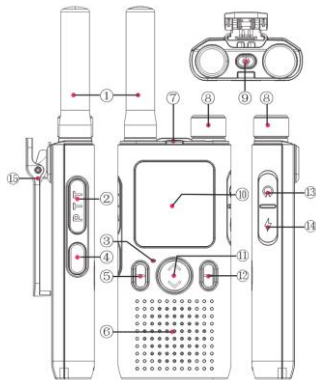
Please read this manual carefully before using the product and retain it for future reference

| Product Overview

1. Antenna
2. PTT Key
3. Microphone
4. SOS/Member Key
5.  Menu/Lock key
6. Speaker
7. LED Indicator
8. Groups Knob
9.  Power On/Off Key
10. LCD Display
11.  Navigation Keys/Volume Keys
12.  Back Key/Device Information
13. Audio Jack
14. USB Type-C Port
15. Belt Clip

Note: Illustrations of products, accessories, user interfaces, etc., in this manual are for reference only.

Due to product updates and upgrades, the actual product may differ slightly from the illustrations. Please refer to the actual product.



| Packing List

Welcome to ALEVITES PoC Radio. Before use, we recommend:

Please unpack carefully and check that you have received the following items. If any item is missing or damaged, contact your dealer.

Item	Quantity (PCS)
Radio	1
Battery	1
Charge Cable	1
Belt Clip	1
User Manual	1

Note: Figures in this manual are for reference only.

| Before Use

1. Installing the Nano SIM Card

- Remove the battery cover.
- Open the SIM card slot cover.
- Install the SIM card.
- Put the card slot cover back in place.

2. Attaching the Battery

- Use the approved battery to avoid the risk of explosion.
- Dispose of the used battery according to "Precautions for Disposal" in the Safety Information Booklet.

3. Attaching the Belt Clip

Align the belt clip bracket with the clip slot on the back of the PoC radio. Slide it downward until the clip locks into place.

To remove, press the locking pivot on the clip to disengage it, then slide the clip upward until it separates from the PoC radio.

4. Attaching the Audio Accessory

Open the audio jack cover, and then insert the audio accessory into the jack.

5. Charging the Battery

Use the approved charger to charge the battery.

NOTE: The remaining lithium-ion battery power is limited to 30% pursuant to the new lithium battery shipment regulation approved by the International Air Transport Association (IATA).

Before initial use, charge the battery.

Use the USB Type-C charge cable to connect the radio with battery attached to the power adapter, power bank, or PC.

When powered off, the indicator light glows red during charging and turns green when fully charged.

When powered on, the top notification bar's battery icon displays green during charging, the top indicator glows red, and it switches to green once fully charged.

| Basic Operations

1. Turning On or Off the Radio

To turn on the radio, long press  for two seconds. An audible alert will sound, and the green light will flash slowly.

To turn off the radio, long press  for two seconds. Additionally, the LCD screen will display "Power Off..."

2. Adjusting the Volume

Press the  key to increase the volume, or  key to decrease the volume.

3. Lock/Unlock Keyboard

To lock the keyboard, press and hold the  key for 2 seconds. The LOCK icon will appear on the screen.

Only the PTT button will remain functional.

To unlock the keyboard, press and hold the  key for 2 seconds. All function keys will become operational.

4. PoC Service

The Push-to-Talk over Cellular (PoC) service provides one-to-one and one-to-many voice communications over the wider-coverage public network.

3.1 Making a Group Call

- Rotate the 'Group' knob to select a group from the group list.
- Press and hold the PTT key to making a call to that group (red light illuminates), thereby performing a group call.
- Release the PTT key.

You can receive a call without any operation.

3.2 Making a Private Call

- Press the 'SOS/Member' key briefly to enter the 'Member' list. press the  /  key to select a member from the list.
- Press and hold the PTT key, and then speak (red light illuminates), enabling private call.
- In private call mode, press the  key briefly to exit private call mode.

Note: If no operation is performed on the radio for 30 seconds, it will automatically exit the individual call state. Alternatively, either party pressing the return key will exit the individual call, restoring the original group state.

3.3 Temporary Session

Press the 'SOS/Member' key briefly to enter the 'Member' list. Online members appear highlighted, while offline members appear grayed out (grayed-out members indicate offline status).

- Press the  /  key to select an online member, then press  key to choose the member.
 - Press the  /  key repeatedly to select multiple online members, then press 'Select' to choose them.
- 3) Press and hold the PTT button to initiate a temporary session with these members.

| Menu Functions

Press and hold the  key to lock the keypad. Press and hold the  key again to unlock the keypad.

Note: When the keypad is locked, only the PTT key and  key remain functional. Press and hold the  key to unlock the keypad.

1. Group Selection

Enter the menu, press the  /  key to navigate to the Group interface, press  key, then press the  /  key to select a group.

2. Member Selection

Enter the menu, press the  /  key to navigate to the Member interface, press  key, then press the  /  key to select a member.

3. Setup

1) Menu Exit Time

This menu option sets the time before the menu exits automatically.

Options: Always On; 15–120 seconds, in 15-second increments.

Note: When set to 'Manual', the menu can only be exited manually.

2) Auto-lock Time

This menu option sets the “Auto Keypad Lock Delay Time”. After this period of inactivity, the keypad automatically locks.

Options: Always On; 15–120 seconds, in 15-second increments. Default: 60 seconds.

3) Backlight Time

This menu option sets the duration the backlight remains illuminated after activation. If no key presses occur within this time frame, the backlight will automatically turn off.

Options: Always On; 15–120 seconds, in 15-second increments. Default: 60 seconds.

4) Session Time

This menu option specifies the maximum call duration when entering a one-to-one single call state, preventing prolonged transmission from one party.

Options: 30 seconds, 60 seconds, 90 seconds, 120 seconds.

5) Power Saver

This menu offers High Performance, Standard Mode, Power Saving Mode, Ultra Power Saving, and Auto options.

Note: In weak signal environments with poor call quality, selecting Power Saving Mode or Standard Mode may improve call quality, but the device will consume more power.

6) Network Ste-up

This menu option allows setting 4G/5G networks.

Options: 5G, 4G.

8) SIM Change

When two SIM cards are installed, select the preferred card:

Options: SIM 1, SIM 2, Auto.

Note: The top line of the screen will display ①/②. This indicates the current active SIM card sequence is ①/②.

9) POC Change

This radio supports multiple POC platforms. Options: Gxin PoC, PoC Star. The default platform is Gxin PoC.

Note: Select the platform where the terminal account is registered. Choosing the wrong platform will prevent login and communication.

4. Sound

1) PTT Tone

Configure whether a beep sounds when the user presses PTT to transmit. Option descriptions:

Close: No beep sounds when the user presses PTT to transmit.

Open: A beep sounds when the user presses PTT to transmit.

2) Key Tone

Configure whether a tone sounds when the end user operates keys (top keys, side keys, panel keys). Option descriptions:

Close: No tone sounds when the user operates keys (top keys, side keys, panel keys).

Open: A tone sounds when the user operates keys (top keys, side keys, panel keys).

3) Voice Prompt

Configure whether terminal users receive audio prompts when navigating menu functions. Option descriptions:

Close: No audio prompts when users navigate menu functions.

Open: Audio prompts are provided when users navigate menu functions.

4) Speaker Volume

Adjusts the terminal speaker volume. Option descriptions:

L0~L10, where L0 indicates mute.

Note: Press the key to increase volume, press the key to decrease volume.

5) Microphone Volume

Set the microphone sensitivity during terminal transmission.

Option descriptions:

-1, +0, +1. Default is +0.

5. About Device Information

To check the information such as model, serial number, and version.

Note: Press and hold the  key to quickly access device information.

| Troubleshooting

Phenomena	Analysis	Solution
The radio cannot be turned on.	The battery may be installed improperly.	Remove and reattach the battery.
	The battery power may run out.	Recharge or replace the battery.
	The battery may suffer from poor contact caused by dirtied or damaged battery contacts.	Clean the battery contacts.
The radio cannot access the cellular network	The SIM card is abnormal or out of service because of unpaid charges.	Make sure that SIM card functions properly. Pay the charges, and then restart the radio.
	The cellular data feature is not enabled for the SIM card.	Contact the carrier to enable the data connection feature.
	The signal may be weak.	Make sure the radio is within the network coverage.
You are unable to hear anyone because of too much noise and hiss	The signal may be weak.	Make sure call participants are within the communication range.
	The volume may be low.	Increase the volume.
	The speaker may be blocked or damaged.	Clean the surface of the speaker.
The radio fails to detect the SIM card	The SIM card may be installed improperly.	Remove and reattach the SIM card.
	The SIM card may suffer from poor contact caused by dirtied or damaged metal contacts.	Clean the metal contacts of the SIM card.

The battery fails to be charged.	The power adapter plug may be inserted into the socket improperly.	Remove and reinsert the plug.
	The data cable may be connected improperly.	Reconnect the data cable.

If the above solutions cannot fix your problems, or you may have some other queries, contact your dealer for more technical support.

| Specifications

Model	PoC-AT1
Frequency Range	● FDD-LTE: B2/B4/ B5 /B7/B66
Tx Power	24.5dBm
Operational Temperature	-20°C to +60°C
Battery Charging Temperature	10°C to +45°C
Product Dimensions	53×20×155mm (including 42mm antenna length)
Product Net Weight	120g (excluding back clip)
Battery Capacity	1300mAh (4.81Wh)
Rated Input	5V 1A
Accessories	Adaptor, Belt Clip, Battery
Battery Caution	CAUTION Risk of explosion if the battery is replaced by an incorrect type disposal of a battery into fire or a hot oven, or mechanically crushing or cutting of a battery, that can result in an explosion; leaving a battery in an extremely high temperature surrounding environment that can result in an explosion or the leakage of flammable liquid or gas; a battery subjected to extremely low air pressure that may result in an explosion or the leakage of flammable liquid or gas.

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.

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

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

RF Exposure Statement

SAR tests are conducted using standard operating positions according standards with the device transmitting at its highest certified power level in all tested frequency bands, although the SAR is determined at the highest certified power level, the actual SAR level of the device while operating can be well below the maximum value.

This model product has been tested and meets the RF exposure guidelines with the test distance 25mm for face and 0mm for body worn. The highest SAR_{1g} value is 0.423 W/Kg for face and 0.628 W/Kg for body worn. The use of belt clips, holsters and similar accessories should not contain metallic components in its assembly. The use of accessories that do not satisfy these requirements may not comply with RF exposure requirements, and should be avoided

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