

ALERVITES

PoC Radio

POC-AT1



iOS App



Android App

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

USER'S MANUAL

| Preface

Welcome to the world of Alervites and thank you for purchasing this product. This manual includes a description of the functions and step-by-step procedures for use. To avoid bodily injury or property loss caused by incorrect operation, please carefully read the Safety Information Booklet before use.

This manual is applicable to the following product: **PoC-1, Super-1PoC, OLA-1POC PoC Radio**

| Packing List

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

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

Note: Figures in this manual are only for reference

| Before Use

1. Installing the Nano SIM Card

- 1) Remove the battery cover.
- 2) Open the SIM card slot cover.
- 3) Install the SIM card.
- 4) Put the card slot cover back in place.

2. Attaching the Battery

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

Attach the battery as shown below, and then attach the battery cover back.

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 battery icon in the top notification bar displays green during charging, the top indicator light glows red, and the full-charge top indicator turns green.

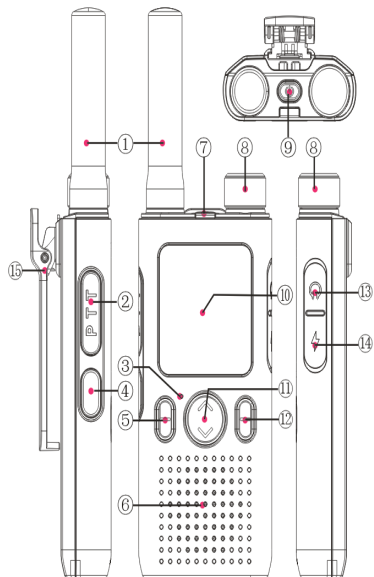
Note: Illustrations of products, accessories, user interfaces, etc., in this manual are for reference only.

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

Please refer to the actual product.

| Product Overview

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



| App Information

1. Download and install the app software. Download links:

Android: <https://play.google.com/store/apps/details?id=com.aewt.app.friends>

iOS: <https://apps.apple.com/us/app/ola-radio/id6740220159>


2. User Registration

Launch the OLA APP (Ola Radio), enter your registered phone number or select third-party app authorization to complete user registration.

■ Device Pairing

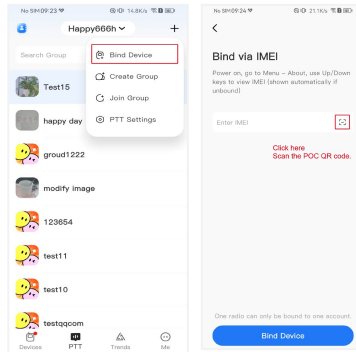
New devices require administrator contact for pairing.

APP Path: PTT >> + >> Bind Device;

1. Select 'Bind Device'
2. Manually enter POC device IMEI (for screenless devices) or tap 
3. Scan POC device IMEI code

Note: Repeat the above steps to bind multiple devices.

Devices already bound can be unbound by scanning the IMEI code, then re-bound.



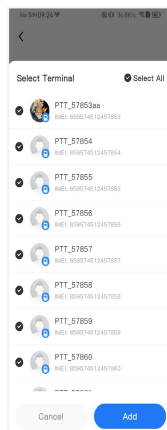
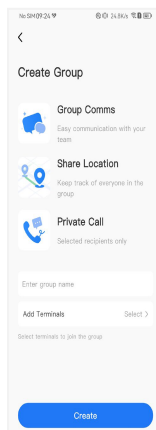
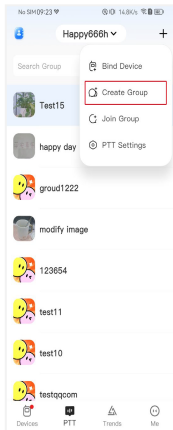
■ Create a Group

Create a group to add more members.

APP Path: PTT>> + >> Create Group;

1. Select 'Create Group'
2. Name the group: 'Please enter group name'
3. Add members: 'Go select' terminal devices (single/multiple/all selection allowed)
4. Tap 'Create'.

Note: Group names may contain Chinese characters, letters, numbers, or combinations thereof, with a maximum of 11 characters.



■Join Group

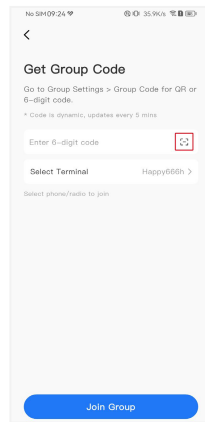
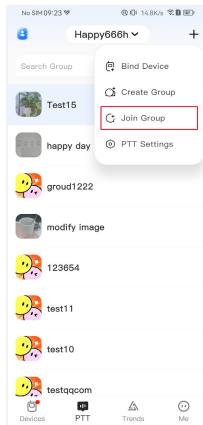
Add devices to a new group or invite new members to join an existing group.

APP Path: PTT >> + >> Join Group;

1. Select 'Join Group'
2. Obtain the group code: POC devices scan the QR code or enter the 6-digit group code manually
3. Select the terminal to join (single selection only)
4. Tap 'Join Group'.

Note: Enter group settings, tap the group code to obtain the dynamic QR code or 6-digit numeric code.

**Group codes are dynamically generated and update every 5 minutes*



■Group Settings

Select a group to add or remove members, rename the group, update group settings, etc.

APP Path: Walkie-Talkie >> Select Group;

1. Tap a group (e.g., 'Baofeng Electronics')

2. Enter Group Settings

2.1. Tap + to add members;

2.2. Tap - to remove members;

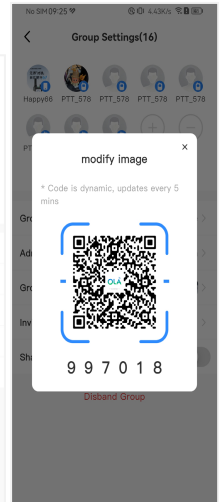
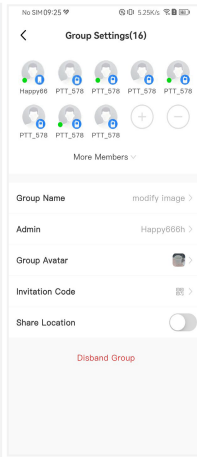
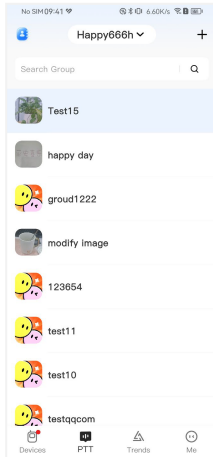
2.3. Group Name: Rename the group alias

2.4. Group Owner: Update the group owner

2.5. Group Avatar: Update the group profile picture

2.6. Group Invitation Code: Share the group invitation code

2.7. Dissolve Group: Dissolve the current group

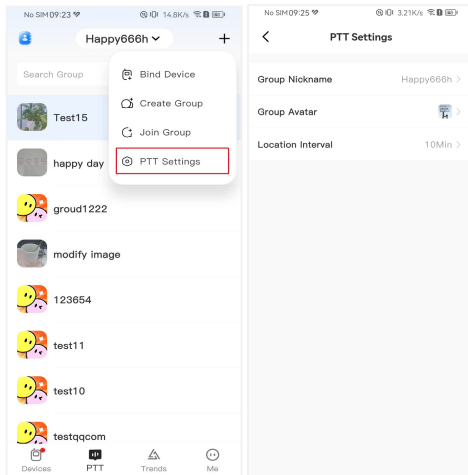


Note: Online members are marked with a 'green dot'.

■PoC Settings

APP Path: PTT>> Bind Device;

1. Select 'PTT Settings'
2. Group Nickname: Allows modification or renaming of nickname
3. Group Avatar: Allows updating group avatar.
4. Location Reporting Interval Settings





| Handheld Terminal Operation

First-time use requires creating a group via the app or on the terminal device and adding members. For app operations, refer to “APP Operation”; for terminal device operations, refer to the “Menu Functions: ‘Create Group’ and ‘Join Group’” sections and the “Quick Menu” section.



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  icon will appear on the screen.

Only the PTT key will remain functional.

To unlock the keyboard, press and hold the  key for 2 seconds. All function  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.




4.1 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.

4.2 Making a Private Call

Method 1

Press the 'SK Members' key briefly to browse 'Online Members' within this group; press the  /  key to select a member from the list, then press the  MENU key briefly to confirm selection.



Press the PTT key briefly to gain talk time.



Hold the PTT key to initiate a call to that member (red light illuminates), enabling a 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 single-call mode. Alternatively, either party pressing the Return key will exit the single-call mode, restoring the original group status.

Method 2

Press the  ShortCut key briefly to enter the quick menu, select the member list, then press the  key to confirm and enter the member list.





Press the  /  keys to browse members. Members marked with ★ are group owners. Members marked with green are online. Select a member marked with green, Press the PTT key briefly to gain talk time. Then Press and hold the PTT key to make a call to that member (red light illuminates) for a private call.

In private call mode, press the  key briefly to exit private call mode.



Note: If no operation is performed on the walkie-talkie for 30 seconds, it will automatically exit single-call mode. Alternatively, either party pressing the  key will exit the single-call mode, restoring the original group status.

4.3 Temporary Session

Press the 'SK_Member' key briefly to enter the member list.







- 1) Press the  /  keys to select a member, then press 'Select' to check the member.
- 2) Press the  /  keys repeatedly to select online members, then press 'Select' to check multiple members. Press the PTT key briefly to gain talk permission.
- 3) Press and hold the PTT key to initiate a temporary conversation 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.

■All Groups

Press the  key to enter the main menu. Use the  /  keys to navigate to the All Groups option and press . Use the  /  keys again to select different groups.

■Create Group

In standby mode, press  to enter the main menu >> Create Group >> Prompted 'Yes or No?'

>> Press  OK to generate the sharing code. The display will show:

Group Name: G-xxxxxxx.

Group ID: XXXXXXX (7 digits total).

Sharing Code: NNNNNN (6 digits total).

Remaining Validity: 300S (maximum duration 300 seconds).






■Join Group

This operation applies to devices accepting invitations.

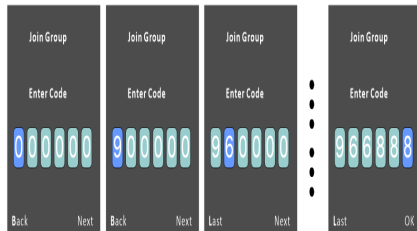
In standby mode, press the  key to enter the main menu

>> Join Group. The screen shown appears; enter the sharing code.

Press the  /  keys to set the first digit, range 0–9, increment value 1;

Press the  Next key to proceed to the next digit setting, range 0–9, increment value 1;

Repeat the above steps to enter the full 6-digit sharing code (the sharing code is the group access code).



■System Settings

1. Voice Options

This menu option improves call smoothness during network fluctuations. Options:

- Smooth Mode
- Real-time Mode

Default: Smooth Mode.

2. Backlight Settings

This menu option sets the delay time before the backlight turns off after inactivity. If no radio buttons are pressed, the backlight will automatically shut off after this time elapses.

Options: Always, 10 sec, 20 sec, 30 sec, 60 sec. Default: 10 sec.

Note: When set to 'Always', the backlight remains illuminated after powering on the radio.

3. SIM Card Selection

When two SIM cards are installed, select the preferred SIM for use. Options: Card 1, Card 2, Auto.

Note: The top line of the screen will display or . These indicate the currently active SIM card sequence is or , respectively.

4. Power Save Mode Settings

This menu option configures the device's sleep mode to conserve power. Options:

- Battery saver: Deep sleep mode for greater power savings, may experience slower wake-up times.
- Monster: Light sleep, real-time mode.

Default is Battery saver.

5. Key Tone

Configure whether audible feedback sounds when end-users operate keys (top keys, side keys, panel keys). Option descriptions:

- Close: No audible feedback when operating keys (top keys, side keys, panel keys).
- Tone 1 to Tone 4: Four selectable key press tones available.

6. PTT Tone

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

- Close: No PTT transmission beep when the user presses PTT to transmit.
- Tone 1–Tone 4: Four PTT transmission beeps available for selection.

7. Time Zone Settings:

Access your current time zone. Press the  /  keys to select the correct time zone from the list.

8. RX Backlight Settings

Configure whether the backlight activates when receiving POC calls. Option descriptions:

- Close: The backlight remains off during incoming calls to conserve battery power.
- Open: The backlight automatically illuminates during incoming calls.

9. Version Update

Check the current version of the terminal device. If a new version is available, press the OK key to confirm and update via OTA.

10. Device Unbinding

Proceed with caution. After unbinding, you must rescan the QR code to rebind. Device owners may perform a forced unbind, which restores factory settings.


11. MIC Gain

Set the microphone sensitivity during terminal transmission. Option:
Level 1 to Level 5, default is Level 2.

■About This Device

Access device information including application version, plugin version, intercom version, modules, module versions, ICCID with QR code, IMEI with QR code, and RSSI/RSRP/RSRQ/CSQ signal strength.

| Member Shortcut Keys

In standby mode, press the  Short Cut key to access member shortcut operations.

Member List



Browse all members of this group. View member aliases and ID numbers. Where:



★ indicates the group owner.

Green indicates online members. Allows initiating private or temporary calls to online members.

Gray indicates offline members.

Temporary Call

Press the  /  key to select members and press 'Select' to check them.

Press the  /  key repeatedly to select the next online member and press 'Select' to check multiple members.

Press the PTT key to gain speaking rights.

Hold the PTT key to initiate a temporary conference call with these members.

Invite Members


Use the group share code to invite new members to join the group.

Invited members must enter the same share code within the valid time-frame to join the group.



Exit Group

Use this action to exit the group.

If you leave all groups, the status will display as "No Groups Joined." Briefly press the  key to show "No Groups."

Specifications

Model	PoC-AT1
Frequency Range*	FDD-LTE: B1/B3/B7/B8/B20/B28 ● TDD-LTE: B38/B40
Tx Power	● FDD-LTE (B1/B3/B7/B8/B20/B28): 24dBm ● TDD-LTE (B38/B40): 24dBm
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	2200mAh (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.

NOTE: Please note that frequency bands may vary depending on hardware versions.

| 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 keys, LCD display, or LED indicator do(es) not work normally	The keys, LCD display, or LED indicator may fail to function temporarily.	Restart the radio.
	The keys, LCD display, or LED indicator may be damaged.	Contact your dealer or Hytera technicians for maintenance.

The radio fails to be unlocked	The keys may fail to function temporarily.	Restart the radio.
	The keys may be damaged.	Contact your dealer or Hytera technicians for maintenance.
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 dirty 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.

| Care and Cleaning

To guarantee optimum performance as well as a long service life of the radio, follow the tips below.

1. Product Care

- Do not pierce or scrape the radio.
- Keep the radio far away from substances that can corrode the circuitry.
- Do not hold the radio by the earpiece cable.
- Close the accessory connector cover when no accessory is in use.

2. Product Cleaning

Turn off the radio and remove the battery before cleaning.

- Clean up the dust and fine particles on the radio surface with a clean and dry lint-free cloth or a brush regularly.
- Use neutral cleanser and a non-woven fabric to clean the keys, knobs, and front case after long-time use. Do not use chemical preparations such as stain removers, alcohol, sprays, or oil preparations. These may result in surface case damage.
- Make sure that the radio is completely dry before use.

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