

Realptt Android App Guide Manual

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1. Android console overview

1.1 Introduction of Android Dispatcher

REALPTT Android scheduling console is an Android visual scheduling system based on the REALPTT system. It has functions such as video chat, patrol check-in, private calling, sending messages and pictures, monitoring, and viewing location.

1.2 Description

- **Group:** A speech group refers to the group the account is currently talking to. Users can speak to other users in this group and receive intercoms from other users.
- **All call:** Pull all online group members to a temporary group chat
- **Broadcast:** All groups the account joins will receive broadcast messages.
- **Group broadcast:** Online group members will receive group broadcast messages regardless of whether they are in the group or not.
- **Video Handsfree:** Realize group changing, single calling, and forced pull operations through voice control
- **Group call:** After entering the group, you can make calls to all online users in this group, and you can also answer group calls. Calls from other users in the group

- **Temporary group:** select one or more online users to initiate an invitation, establish a temporary call group, and make calls to some users
- **Top Group:** You can select the group to stick to the top row to change the group sequence.
- **Private call:** The user invites another user to establish a temporary group to achieve one-to-one intercom
- **Default group:** Each user can define a default group and automatically enter this group after logging in.
- **Monitoring:** You can monitor the speeches of multiple groups, that is, the speeches of each monitoring group can be heard by the Android dispatch console
- **Video call:** Realize face-to-face call function, convenient for users to schedule and arrange on-site situations in real time
- **Patrol Check-in:** Users sign in at the patrol point, and the patrol record can be viewed in the management background.
- **Forced to join:** The dispatcher can forcefully pull a user into this group.
Forced demolition: The dispatcher can force a user to leave the group
- **Disconnected:** The dispatcher can force a user to leave the group
- **Stun User:** The dispatcher can force a user to go offline and suspend their use.

1.3 Describe of Icon Status



User Online: this user is online but not in this group, so cannot hear this group conversation.



User Offline: User offline, so cannot hear the group conversation.



User In Group: User online also in this group, so can hear and receive this group conversation.

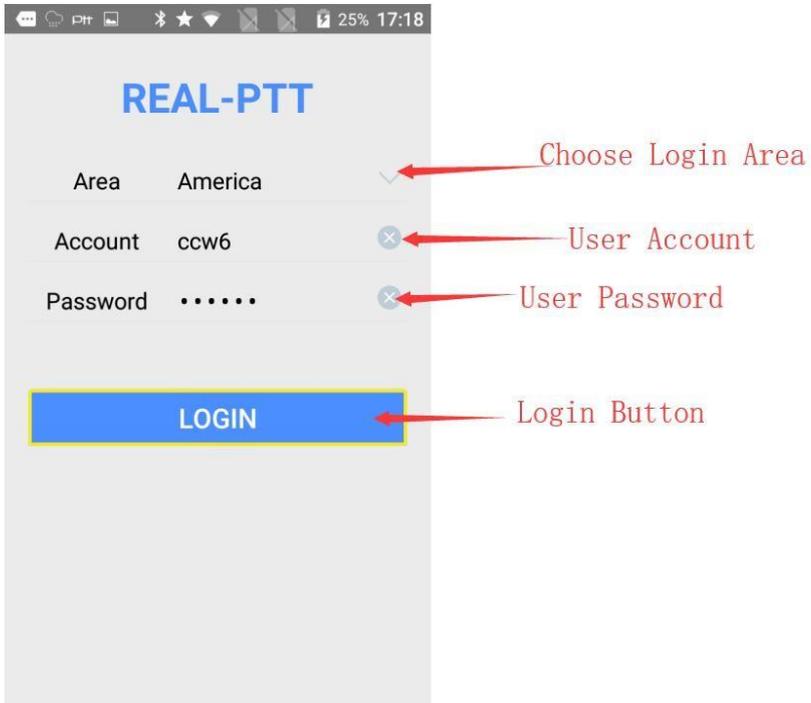


User is online but not in this group

2. Android Version Instruction

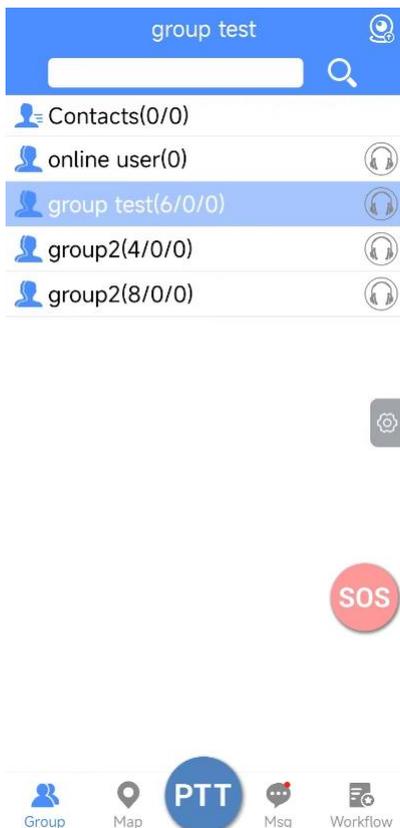
2.1 Log in Interface

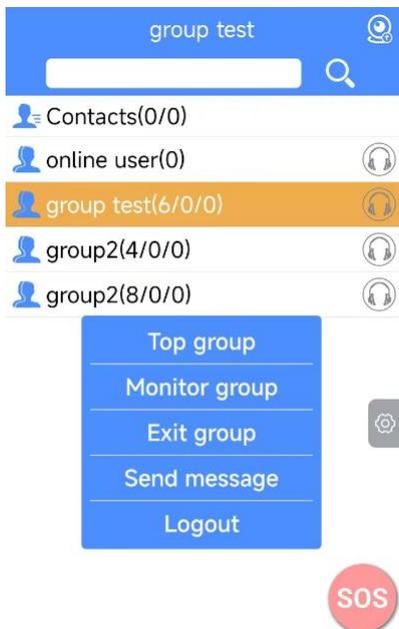
Android application login account is created from the REALPTT Company Management Platform.



2.2 Group List

In the group interface, you can see all the groups and friend lists that the user has joined. Click the group name to switch groups.



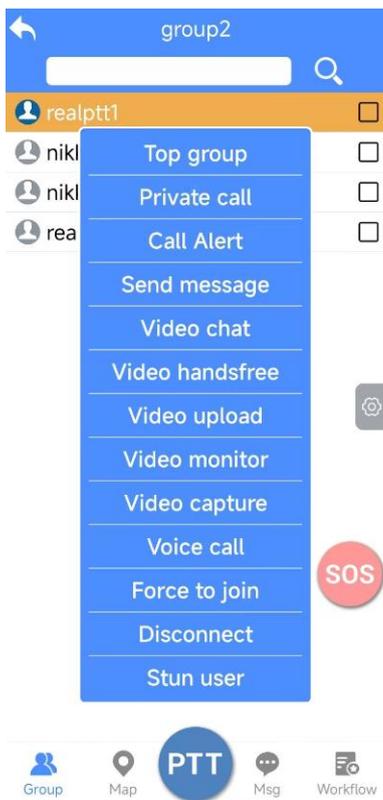


Long press the group to pop up the operation menu

- Top Group: Set the group to the top of the group list
- Monitor group: Monitor the group's speech, or use the group headphone icon to monitor the group
- Exit group: Exit the current group
- Send Message: Send the message into whole group
- Log out: Return to the login interface
- Member list: Number of friends/Number of online friends

2.3 Group Member

Display group member information and check whether group members are currently online or offline. Select an online member and long press to pop up a menu, where you can make temporary calls, call Alert, view tracks, send messages, video chat, force to join, Disconnect, and Stun User, etc.



- Top Group: Group members are displayed on the top
- Private call: You can select multiple users and establish a temporary session with them; Call reminder: Send a message requesting a call to the other party;
- Call Alert:
- Send message: Send a text or picture message to the user;
- Video chat: One-to-one video call with the user;
- Video hands-free: Forced video call without the other party accepting;
- Video upload: upload the video to the server or specified user;
- Video monitor: Video monitoring of the user;
- Video call: Video call the user; Voice call: One-to-one voice call;
- Force to join: Force the user to be pulled into this group;
- Disconnect: Force the user to be kicked out of this group;
- Stun User: Force the user to go offline and suspend the user, and the user needs to be reactivated on the enterprise platform before normal use.

2.4 Video Call

Select the user you want to make a video call with, press and hold, and select "Video Call" in the pop-up menu. The other party will receive a video call request, and the video chat will be established when the other party agrees. The video call interface can switch between the front and rear cameras. Click the small window in the upper right corner to switch the video interface between the other party and yourself.



2.5 Video Monitor

Long press the user, select "Video Monitor" or "Video Call" in the pop-up menu, and you can select multi-user video monitoring and calling. The video interface can switch resolution, mute, full screen display, etc.

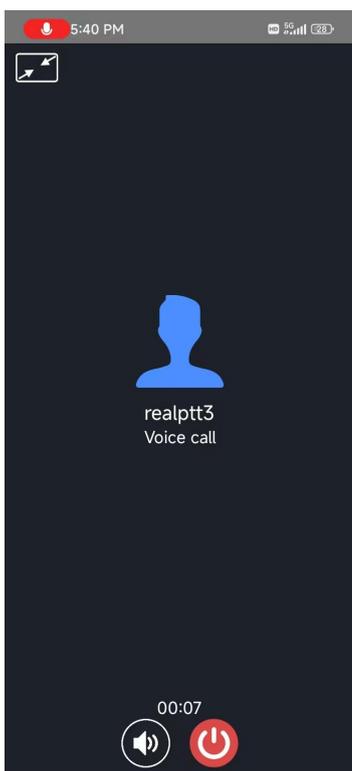
Video Monitor: No need to obtain the other party's consent, direct video monitoring, the other party is completely unaware.

Video capture: Wait for the other party to receive before calling the other party's video screen



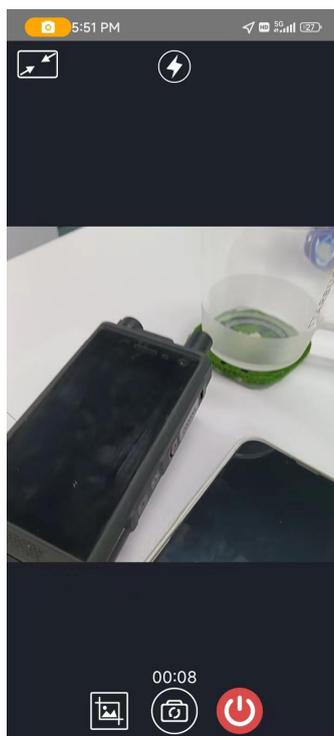
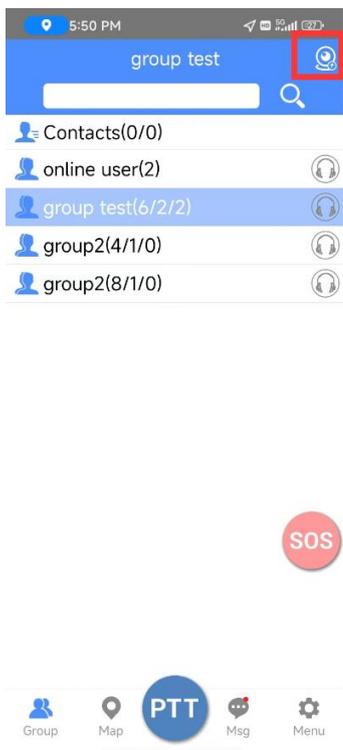
2.6 Voice Call

Select the user voice call, and after the other party answers, you can talk in real time, which is convenient and fast. There is a mute button on the interface. Click the zoom button on the upper left to zoom out the current interface.



2.7 Video Upload

Click the video icon in the upper right corner, and then click Video Upload to pop up the video upload interface. The video will be uploaded to the server in real time, and you can check the records on the enterprise platform or computer dispatch desk.



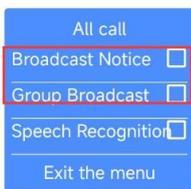
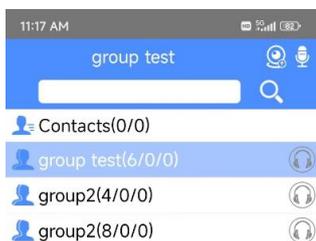
2.8 All Call

The microphone button in the upper right corner will pop up the all-call menu. Clicking on all-call will form a temporary call group with all online members.



2.9 Broadcast Notice and Group Broadcast

Click the microphone icon in the upper right corner, a menu will pop up, click Broadcast or Group Broadcast to check, after checking, exit the menu and a green microphone button will pop up, click the green microphone button to speak to the broadcast or group broadcast effect. Uncheck the green microphone and it will be turned off. (You can only select one of the broadcast and group broadcast voice recognition functions to use)



2.10 Speech Recognition

Click the microphone icon in the upper right corner, a menu will pop up, check the voice recognition and a green microphone button will pop up, press the microphone to operate the voice recognition
Voice recognition operation, press the green microphone and shout "Enter *****" or "Force to Join *****" "Private call *****"; "Enter" is followed by the group name, "Force to Join" and "Private call" are followed by the group member name.



2.11 Map

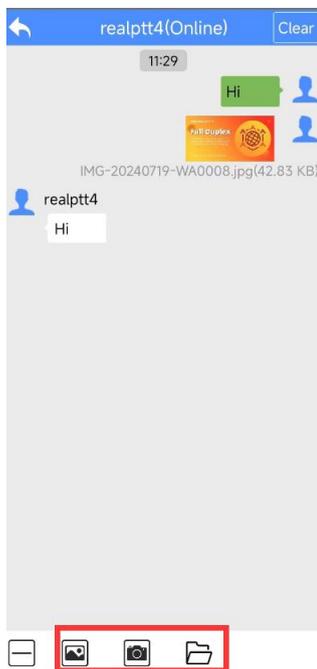
On the map interface, you can view the user's location, track information, and the current location of the device. If you check the "Focus on the speaker" checkbox, the map will move with the current speaker's location.



- Query track: First select the user, then select the time range, and finally click the track to query
- Real-time location: represents the actual location of the current group user within five minutes.
- Last location: the location of the current group user's last location.
- Online location: the location of the online user. If there is no real-time location, it is the location of the user's last location.
- Offline location: displays the location of offline users. Real-time location: displays the user's location uploaded in real time.
- SOS: Long press SOS, all users in the group can receive an alarm reminder,
- Fence: After clicking to draw a fence, you can select the range of the fence, and click the fence icon again to end. You can modify the fence name and color. The user will be alarmed when entering and exiting the fence. The fence can be managed in the fence management in the map in the settings
- Mark point: You can add a mark point on the map, set the name and icon, and the mark point can be viewed in the mark point management in the settings-map

2.12 Message

Select a user or group and long press it. Select "Send Message" in the pop-up menu to jump to the message sending interface. In the message interface, you can view received and sent messages and other prompt information, and you can clear the messages. You can send text and picture messages, or take photos and send them in real time.



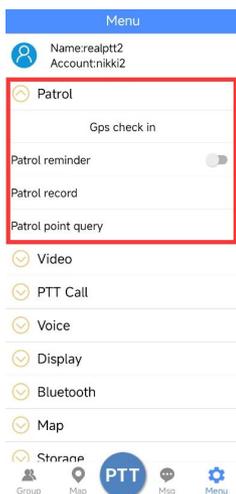
2.13 Patrol

2.13.1 GPS Patrol

When the patrol point is a positioning type patrol point, in the software settings, click "Patrol Sign-in" to perform a positioning patrol; after the patrol is successful, the patrol point will pop up.

2.13.2 NFC Patrol

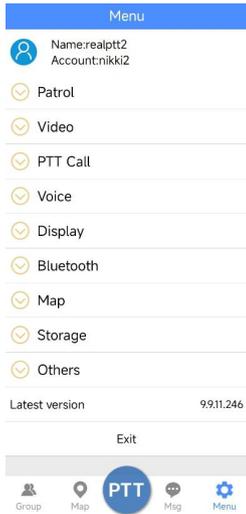
When the patrol point type is NFC patrol, bring the device close to the NFC patrol card for sensing; after the patrol is successful, the patrol point, patrol time, patrol task and task results will pop up, and you can choose to take photos, record audio and other files to upload.



1. The user is not bound to any patrol plan: Check whether the user is bound to a patrol plan on the enterprise platform. This prompt will also appear when the user is not bound to an NFC patrol point.
2. You have not bound a positioning patrol point: Check whether the user is bound to a positioning patrol point on the enterprise platform.
3. The patrol point is not registered: The NFC card is not bound to a patrol point.
4. The patrol point information verification failed: Confirm whether the installed version is the latest.

2.14 Setting Interface

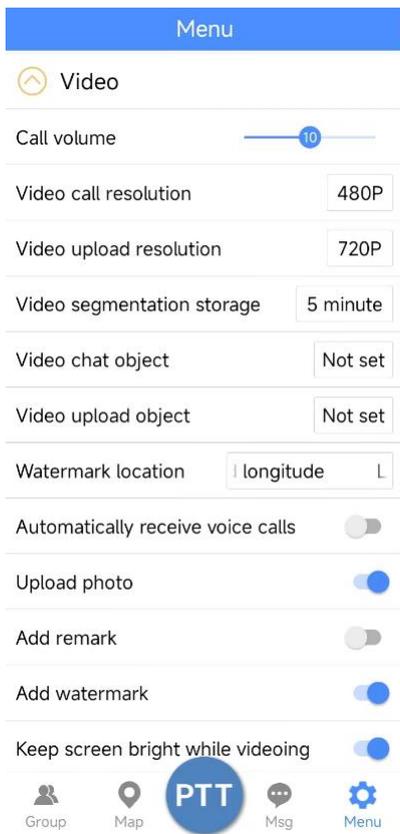
In the settings interface, it can be divided into patrol, video, PTT call, Voice, Display, Map, Storage, and others.



2.14.1 Patrol

- GPS patrol check-in: locate the patrol check-in button.
- Patrol reminder: during the patrol time, the patrol reminder box pops up and the patrol reminder voice is broadcast.
- Recent patrol records: view the punch-in records and uploaded multimedia files
- Patrol point query: can check the patrol points of the account, the status of the patrol points being checked in and not checked in

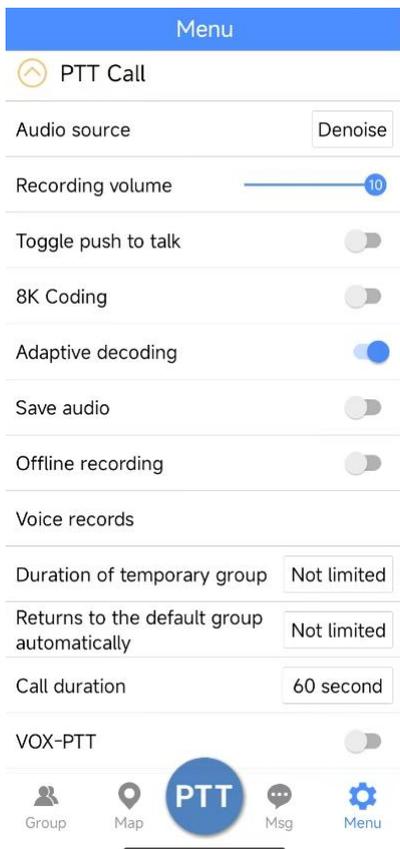
2.14.2 Video



- Call volume: adjust the volume of video calls.
- Video call resolution: you can choose from four types of clarity, from 320P to 1080P.
- Video segmentation storage: according to the set time, the video will be stored in segments after the length reaches that time.

- Video call object: after selecting the upload object, the video call will be sent to this specified object.
- Video upload object: after selecting the upload object, the video upload will be sent to this specified object.
- Watermark location: set the watermark for video and photo, you can choose latitude and longitude or geographic location.
- Automatically answer voice calls: automatically answer when receiving voice calls.
- Upload photos: select to take photos during the video process, and the pictures will be automatically uploaded to the background.
- Add notes: you can add text to photos when taking photos during the video process.
- Add watermark: you can turn on and off whether to add watermarks.
- Keep the screen on during video: the screen will not go off after turning it on.
- UVC Camera: Supports external UVC camera, and it will show connected after successful connection.
- UVC Camera Format: You can choose YUYV and MJPEG formats.

2.14.3 PTT Call

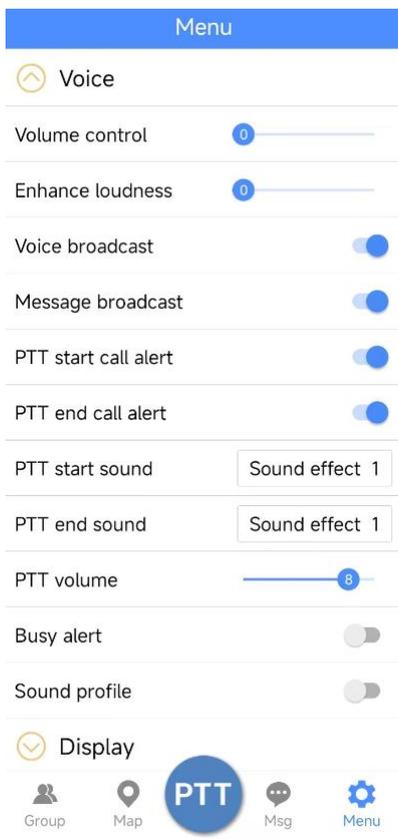


- **Audio source:** Software recording can choose noise reduction and normal types, and the recording volume of noise reduction source is smaller.
- **Recording volume:** The volume of the microphone when

talking or video.

- Toggle push to talk: After turning it on, press and release the PTT button to continue talking, and click the PTT button to cancel the talkback.
- 8K coding: Use the voice type of 8K encoding to obtain clearer sound quality effects. Both parties of the talkback need to be in the 8K encoding type.
- Adaptive decoding: Decode 4k and 8k, and the sound you hear is the normal sound after decoding.
- Save audio: Save the intercom voice locally on the device and you can view it in the message.
- Offline recording: Turn on and open the APP to play the recording 5 minutes before logging in.
- Voice record: After turning on the saved recording, view the local recording record,
- Duration of temporary group: After creating a temporary group, you can set how long to exit the temporary group.
- Automatically return to the default group: It will back to the default group for each account
- Call duration: Press and hold the ptt call duration. If the duration exceeds the duration, the call will be automatically ended.
- Voice PTT: No need to press the PTT button to speak, the microphone detects the voice and automatically presses PTT to send the intercom voice.

2.14.4 Voice

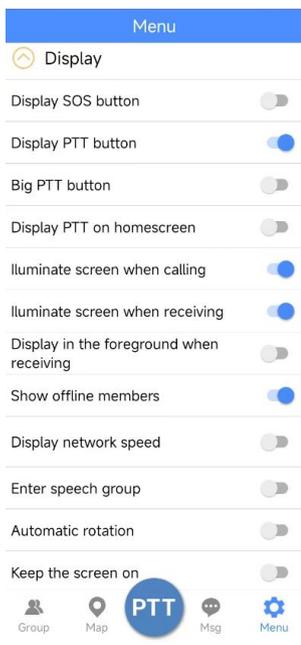


- Volume control: adjust the current volume.
- Enhance Loudness: enhance the current volume.
- Voice broadcast: system prompt voice broadcast for account login, group entry, temporary call, etc.
- Message broadcast: broadcast text content when receiving a

text message.

- PTT start call alert: the prompt sound when clicking the PTT intercom button to start intercom.
- PTT start call alert: the prompt sound when releasing the PTT intercom button.
- PTT start sound: PTT call initiation prompt sound.
- PTT end sound : PTT call end prompt sound.
- PTT volume: the start and end prompt sound volume can be adjusted.
- Busy alert: when pressing PTT to start intercom, if the intercom is currently being received, a busy tone prompt will be given.
- Sound profile: after opening, you can set the loudspeaker, handset, and mute modes.

2.14.5 Display

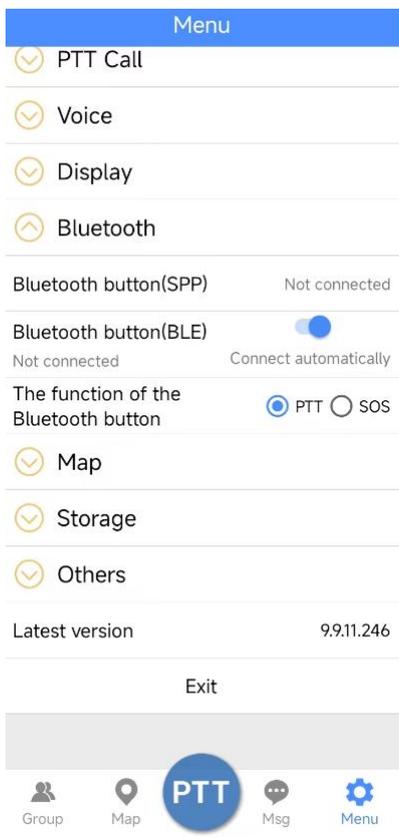


- Display SOS button: Display the SOS icon on the interface. Long press the SOS icon to sound an alarm. All members of the current group will receive an alarm prompt.
- Display PTT button: After turning it off, the PTT button on the interface disappears.
- Big PTT button: The PTT button on the interface becomes larger. After setting, you need to reopen the application to take effect.
- Display PTT on home screen: When the software is in the

background, a floating PTT button is displayed on the desktop.

- Illuminate the screen when calling: When initiating an intercom, the screen lights up.
- Illuminate the screen when receiving: When receiving an intercom, the screen lights up.
- Display in the foreground when receiving: When receiving an intercom, the app will actively pop up and jump to this application interface.
- Show offline members: Display offline members in the group member list.
- Display network speed: The network speed when using the software.
- Enter speech group: After turning it on, a blue icon will be displayed. After clicking it, you will enter the group where the current speaker is.
- Automatic rotation: After turning it on, the screen can be automatically rotated horizontally and vertically.
- Keep the screen on: The screen remains on after opening the APP.

2.14.6 Bluetooth

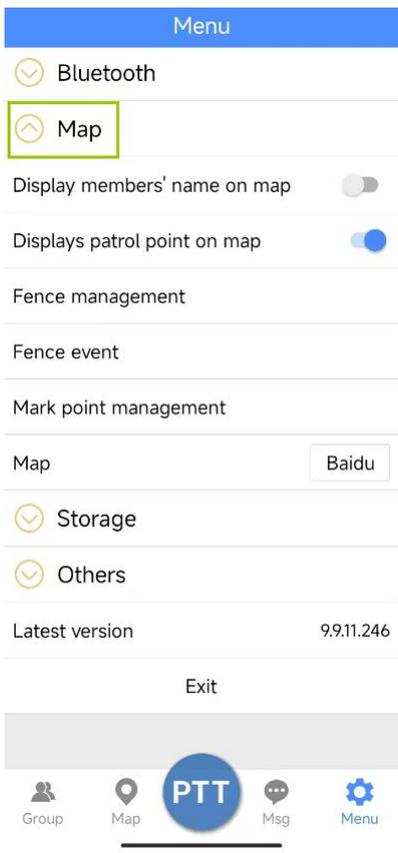


- Bluetooth button SSP: After the Bluetooth device is connected to the intercom device, it will be displayed as "connected" to indicate that it can be used normally.
- Bluetooth button BLE: used to connect to certain Bluetooth button devices, list the detected Bluetooth devices and select

the corresponding type to connect.

- The function of bluetooth button : The Bluetooth button can be selected as PTT or SOS function.

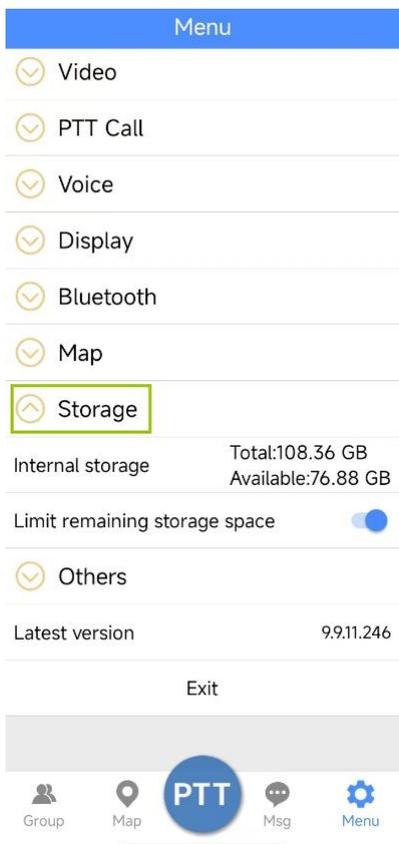
2.14.7 Map



- Display member name on map: After opening, the icon on the map will display the name.

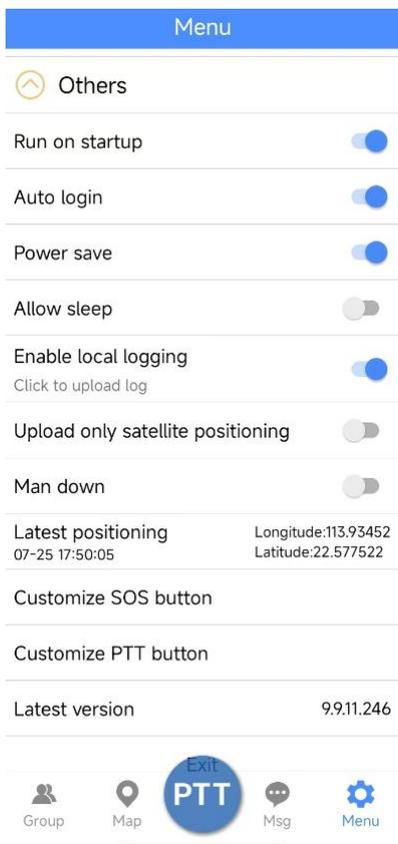
- Display patrol point on map: After opening, the map will display the associated patrol points.
- Fence management: You can manage the fences drawn on the map, upload and download fences, edit and delete fences, and set fence alarm users.
- Fence event: You can view the records of entering and exiting the fence.
- Mark point management: View the mark points on the map, and the mark points can be uploaded and downloaded.

2.14.8 Storage



- Internal storage: Displays the total storage capacity and available storage capacity of the device
- Limit Remaining Storage Space: When the machine memory is insufficient, the APP saves video and audio records and saves them in a loop

2.14.9 Others



- Run on startup: The software will automatically run after startup.
- Auto login: After the software is opened, it will automatically log in with the previously saved account and password.
- Power save: Reduce the power consumption of the software.

After turning it on, in order to save power, the frequency of positioning upload is reduced, and the reception of intercom may be delayed.

- Allow sleep: When not in use, the app will sleep to save power.
- Open today's log: Save the APP usage log, you can click to upload the log.
- Upload satellite positioning only: After turning it on, only upload satellite positioning (the device will have no positioning information indoors).
- Man down: After turning it on, an alarm will be sent if the device falls.
- Latest positioning: Display the latest positioning information.
- Customize SOS button: You can set the button on the phone as an SOS alarm shortcut key (such as volume button, lock screen button).
- Customize PTT button: You can set the button on the phone as a PTT intercom shortcut key (such as volume button, lock screen button).
- Latest version: If it is not the latest version, click this option to update to the latest version.

3. Authorization Settings

3.1 Software Authorization

After installing the software, directly grant all permissions for the software to run. This makes it convenient for the software to run in the background without being forced to close by the background after locking the screen.

