

Manual SiteraPtt

V1.3

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1 INTRODUCTION.

The communication platform SiteraPtt adds the already proven advantages of the communication world between radio terminals as the use of PTT (Push To Talk) and the group calls.

PTT allows having the microphone muted when you are not talking, useful in noisy environments and especially in group calls, this allows you to hear who is talking without the background noise of the other participants. PTT also removes the necessity of waiting to the establishing of the call from the caller and the necessity of answering from the called one done. The audio starts reproducing to the recipients the moment the button is pressed.

The group calls allows to spread the audio between all the participants simultaneously, without the need to do a conference call.

To this radio communications benefits joins the ones that the mobile telephony has, such as the wide coverage or the internet access.

2 PREVIOUS REQUIREMENTS.

SiteraPTT requires:

- Android 10 (Q, API 29) or higher.

- Terminal needs to allow SIP connections.

- WIFI, LTE or 4G internet connection required.

- Its recommended that the terminal has a physical PTT button. (See the approved terminals at annex)

Permissions:

- Internet Access (required)

- Calls management (required)


- Microphone usage (required)

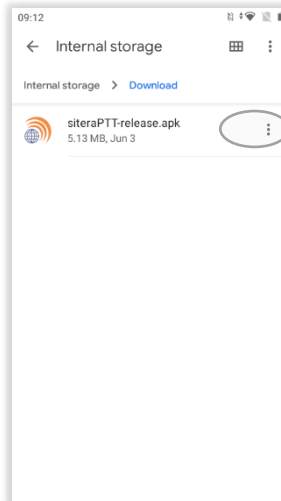
- File Storage usage (required)

- Location use (If location is granted)

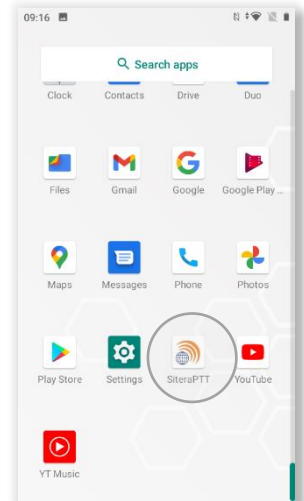
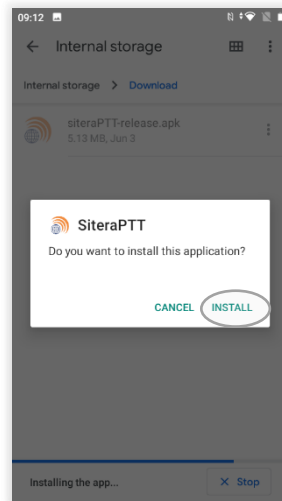
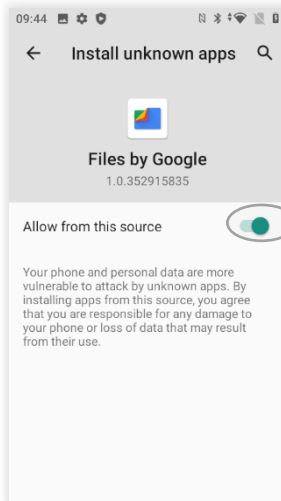
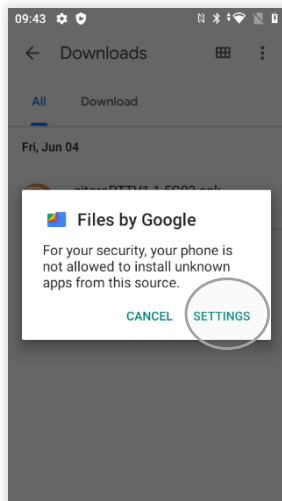
3 INSTALLATION.

The steps indicated in detail below may not correspond to your terminal. According to the Android versión and customization of each manufacturer the options could be located in another menú.

- 1) Download the apk file in a folder (usually the Downloads folder).
- 2) Tapping on  choose install. Follow the indications.

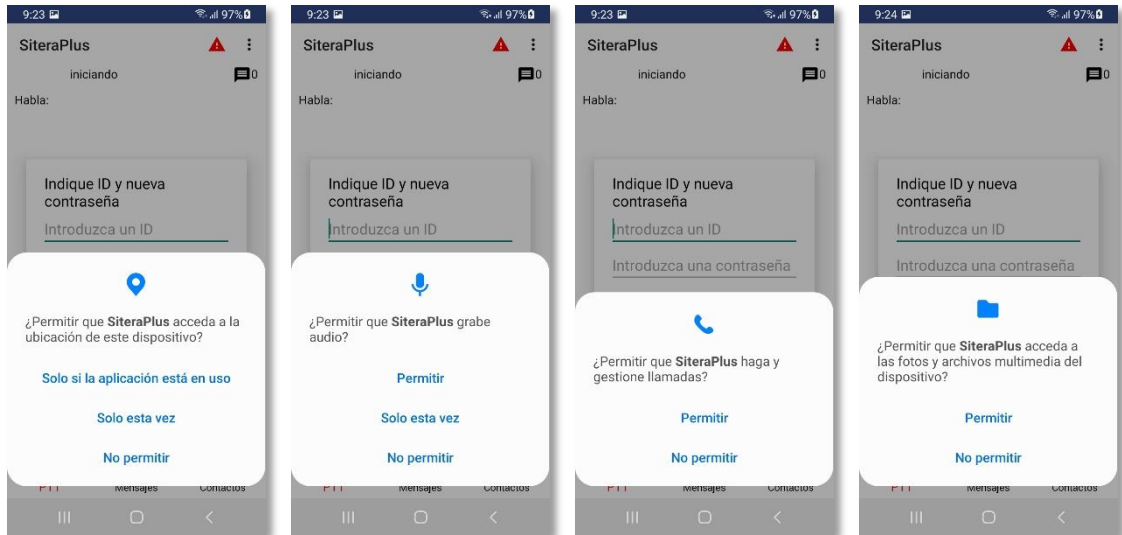


- 3) Allow to install applications from this source.



4 SET UP.

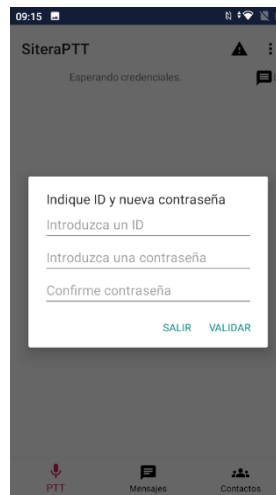
After the installation you will be asked about permission to Access your calls via internet, the usage of the microphone and the GPS location.




It is necessary too to introduce an identifier (ID) that will associate with the APP.

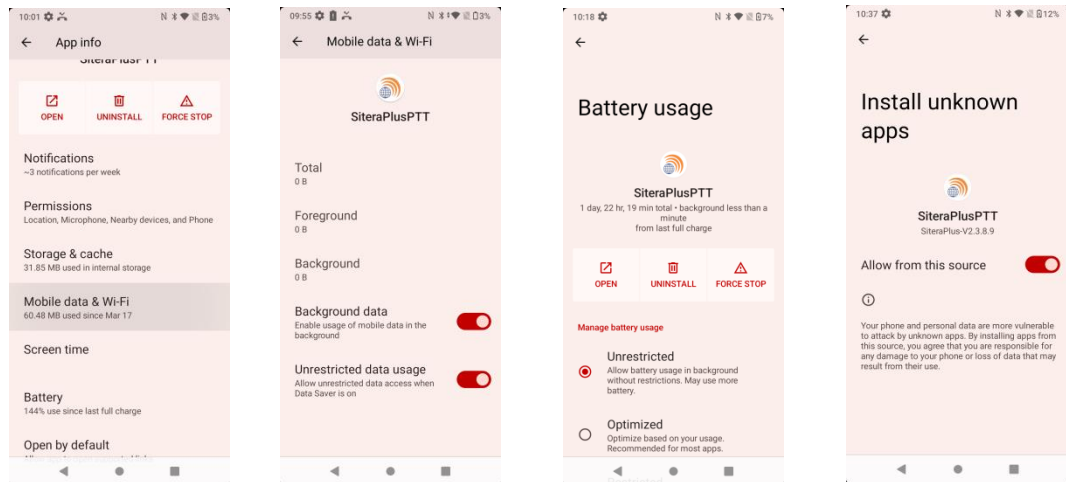
This ID is provided by the Fleet Administrator and is unique for each APP of the fleet, do not indicate the same ID to more than one APP, because only one APP with the same ID can be active at the same time.

To avoid uncontrolled use of the application you must set a password with at least 5 characters (alphanumeric). This password will be asked every time the application is launch.

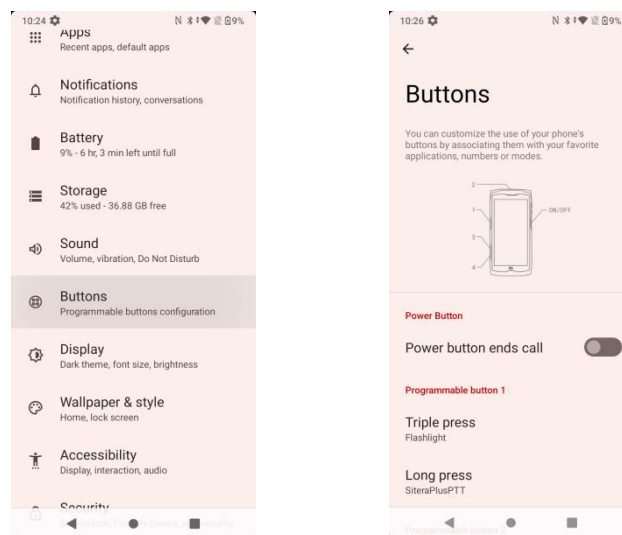


 **WARNING:** The password does not transmit. If you forget or lose it, it cannot be recovered and it obliges you to reinstall the application. This would erase all your application data(messages and settings).

You will likely want to check in the Application info that the Mobile data usage is set to Unrestricted as well as the battery usage. (This may vary in each terminal) Also let it install from unknown origin.



It is recommended to also go to the buttons settings to check that everything is set up correctly.



Usually the settings are :

PTT Button -> Short Press action -> Select SiteraPlusPtt

SOS Button -> Short Press action -> Select SOS

Checking that the Wake device option is enabled.

5 FUNCTIONING.

5.1 Call window



When pressing on the group selector it will display all available groups for this terminal, the names that shows up can be customized by the fleet Administrator.



If you have a Bluetooth headset, it needs to be paired before launching the application to be recognised.

Once paired if it is turned on at the application launch must be recognised and the speaker icon will turn off and then the next sequence of indications will appear.



1st: Connecting to Bluetooth

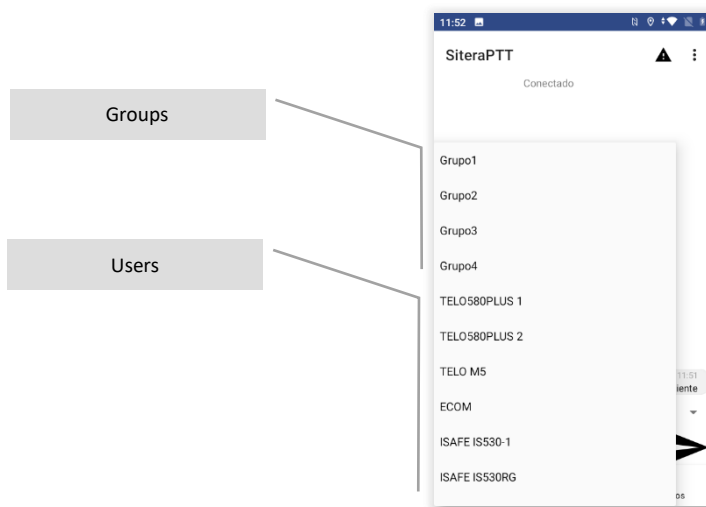
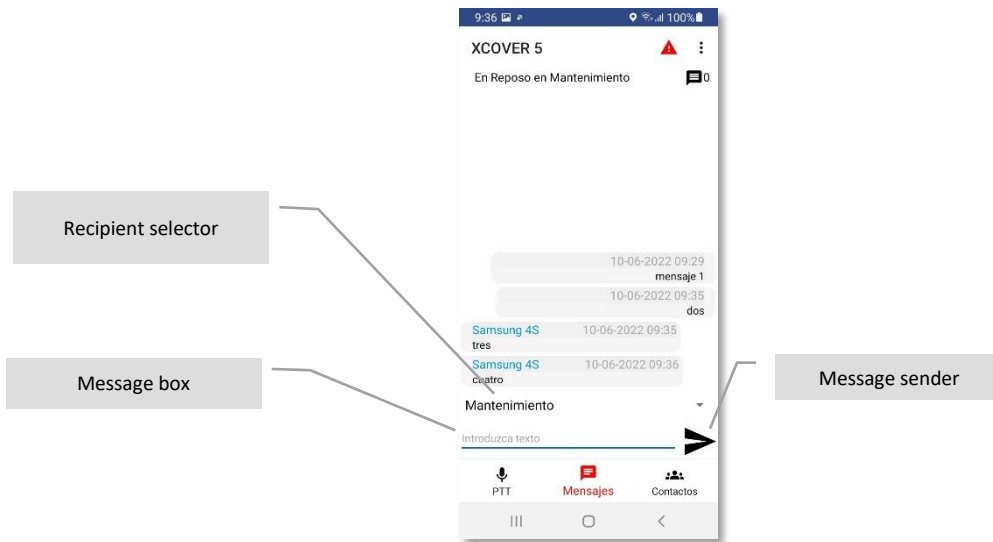
2nd: Connected , Waiting audio connection

3rd: Connected with audio

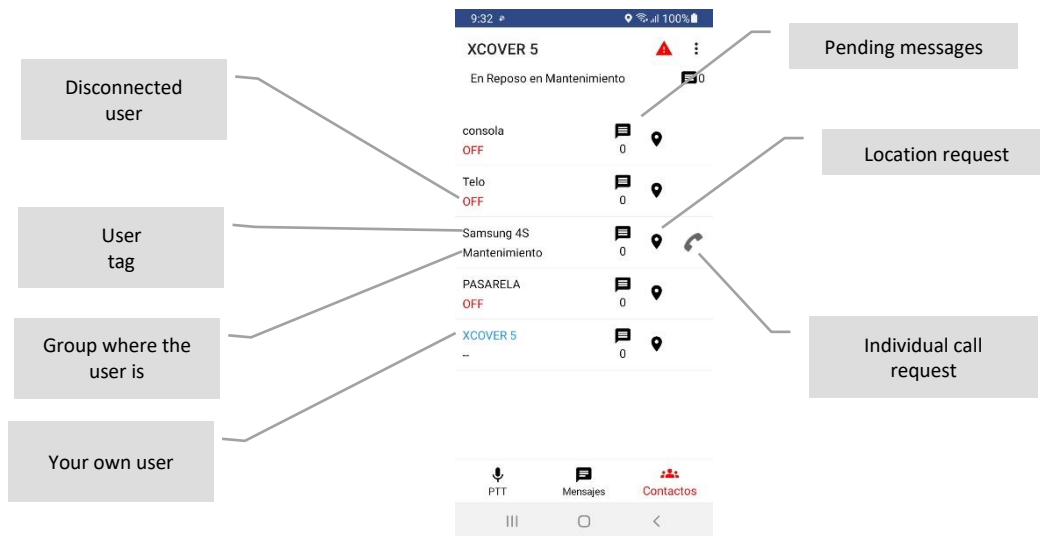
If after turning on the Bluetooth device, it remains in the first icon this means that the audio link could not complete because the device is not paired correctly, it is not compatible or there is more than one available Bluetooth device connected at the same time.

5.2 Messages window

In addition to the voice calls it is possible to send messages collectively to all group participants, As well as individually that will only be received by the user chosen.

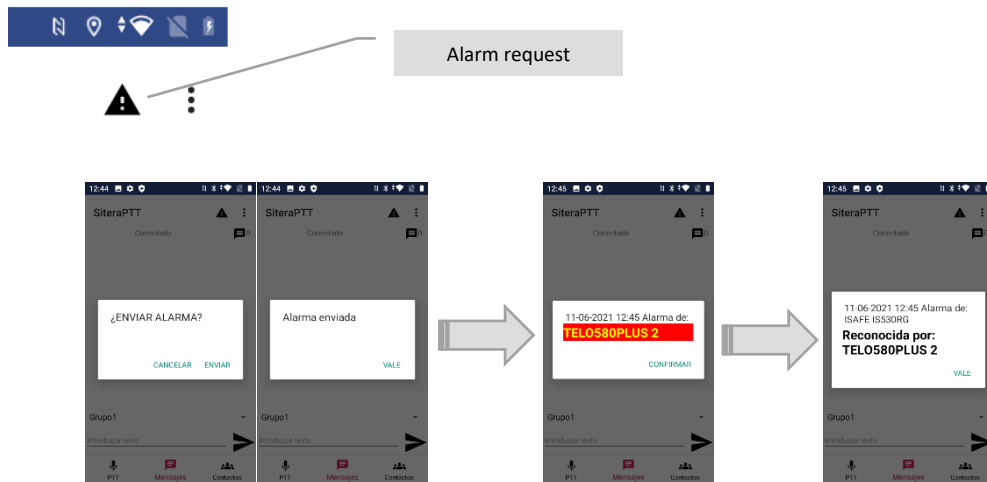


5.3 Contacts window



5.4 Alarms

It is possible to send a general alarm signal by any participant. This signal has priority over any functioning status and opens a window with who generated the alarm and when he did it. The window will stay permanent until it has been recognised, when it will change to show who recognised the alarm and when he did it.



The usual operative when receiving an alarm is switching to the groups that has been designated to emergencies by the participants that are responsible to handle it. The one who generated the alarm should be in that emergency group, if he is not there, Contacts indicate which was his last active group.

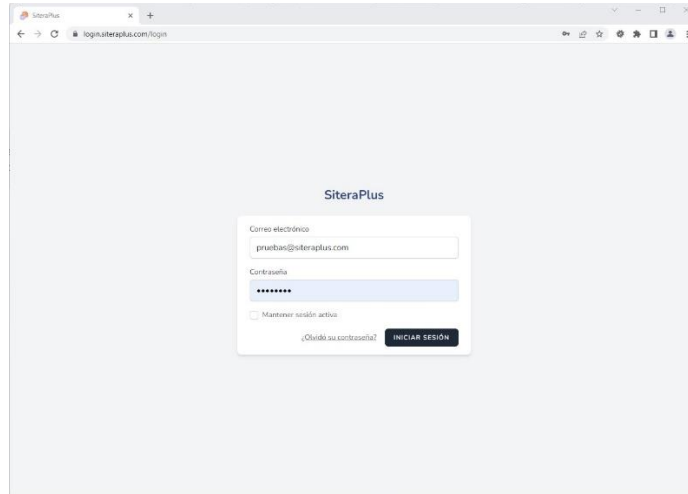


6 SETTINGS

The fleet administrator can configure the terminals and group availables in a WEB application. This application can be accessed through the address ***<http://login.siteraplus.com/>** after logging in with the mail and password given.

*In case you have intranet it is important to talk to the Technical Service to set up ports properly

*Consult the alternative addresses.




ID for the user APP

Fleet name

Group name

Pruebas

UID	CONFIG	ETIQUETA	ACTIVE	ID DISPATCHER	Mantenimiento	Camión	Almacen
(1)	KgH823a	consola	<input checked="" type="checkbox"/>	adminfleet11	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
(2)	8YmFxNa	Telo	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
(3)	Cs6TZMa	Samsung 4S	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
(4)	bxWNn9a	PASARELA	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
(5)	r6yym9a	XCOVER 5	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

ACTUALIZAR

Username that will appear in the application

Allows to activate or disable access to the user

Application schema

Checkbox to allow User to acces the group

7 DISPATCHER.

The screenshot displays the SiteraPlus Dispatcher interface. On the left, there is a list of operators (Operativo 1) with their status and battery levels. The central part of the interface features a map of the area around Ajuntament Mollet des Vallès, with several blue location pins indicating vehicle positions. On the right, there is a 'MENSAJES' (Messages) section showing a list of messages with timestamps and content. Below the map, there is an 'ALARMAS' (Alarms) section with a table of alarm events.

Operativo	Bateria
Operativo 1	57%
PM4 Operativo 1	64%
PM5 Operativo 1	63%
PM6 Operativo 1	61%
PM7 Operativo 1	67%
PM8 Operativo 1	53%
PM9 Operativo 1	61%
PM10 Operativo 1	65%
PM11 Operativo 1	73%
PM12 Operativo 1	62%
PM13 Operativo 1	56%
PM14 Operativo 1	72%
PM15 Operativo 1	60%
PM16 Operativo 1	80%
PM17 Operativo 1	23%
PM18 Operativo 1	66%
PM19 Operativo 1	84%
PM20 Operativo 1	67%
PM21 Operativo 1	11%
PM22 Operativo 1	84%
PM23 Operativo 1	33%

Fecha y Hora	Terminal	Evento	Datos
2023-01-18 14:30:35	PM5	reconoce alarma de	PM21
2023-01-18 14:30:27	PM21	Alarma	
2023-01-18 14:25:04	Despacho 1	reconoce alarma de	PM5
2023-01-18 14:25:00	PM5	Alarma	
2023-01-18 01:39:10	PM13	reconoce alarma de	reserva 1
2023-01-18 01:39:05	reserva 1	Alarma	

7.1 Menu

The screenshot shows the top navigation menu of the SiteraPlus Dispatcher interface. The menu includes the following tabs: DASHBOARD, DISPATCHER, FLOTA, OPCIONES, and RECORD. The 'FLOTA' tab is currently selected, and the user is logged in as 'fleet13admin1'.

The fleet, settings and record tabs are only available for the Fleet Administrator.

7.2 PTT



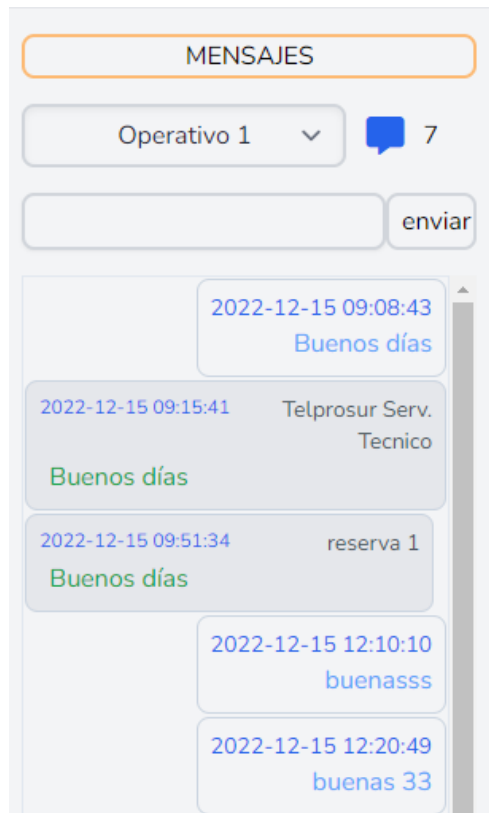
In this panel is indicated the connection status, your user, who is talking and on which group you are. Clicking in the group selector allows you to switch to another voice group.

7.3 Contacts



This panel shows the active users, in which group they are, the pending private messages they have. Also when clicking on the location button, if there is an available position it will show in the map the contact position. It's important to keep in mind that the position is not updated in real time, the sampling is taken every minute. If the terminal does not send any location the button will turn red. The battery level indicator also gets updated every minute and will change color to red when the battery level is below 20%.

7.4 Messages



In the text message panel you can consult individual and group messages. With the selector you can choose which message group will show.