

MiniFinder® Pico 4G

User Manual

English



Thank you!

Thank you for purchasing a MiniFinder® product. We believe you made the right choice. MiniFinder® Pico 4G is full of smart features that help you monitor, protect and locate your loved ones remotely.

Before you start using your Pico 4G, **please read this manual in its entirety.**

PACKAGE CONTENTS

1. Pico 4G
2. Magnetic Charging Cable
3. Power Adapter



PRODUCT OVERVIEW

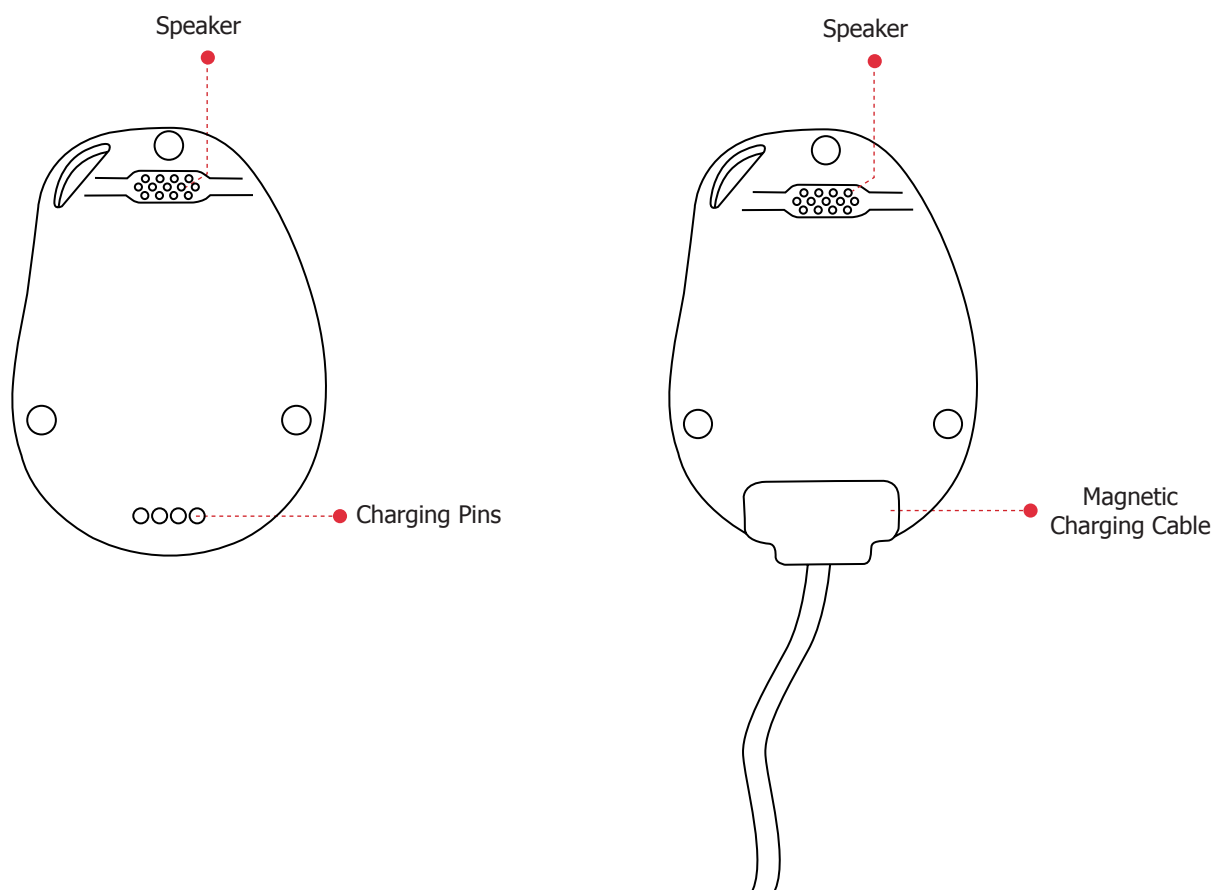
1. On/Off & Call Button
2. Voice Message Button
3. Panic Button (SOS)
4. Microphone
5. GSM LED Light
6. GPS LED Light
7. Power LED Light
8. Speaker
9. Charging Pins



PRODUCT MANAGEMENT

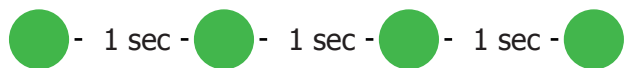
- A. Please charge your device for 4 hours before using for the first time.
- B. During charging, the blue LED is steady.
- C. Red LED light goes out when fully charged.
- D. **START** the unit by pressing ON/OFF button for 3 seconds.
- E. **TURN OFF** the device by **pressing and holding** SOS and ON/OFF buttons for 2 seconds.

Place the magnetic charging cable to the charging pins to charge. See the picture below.

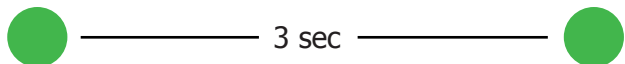


EXPLANATION OF LED LIGHTS

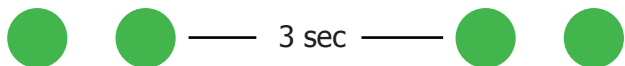
GREEN LED:



Slow blink = *Calling*

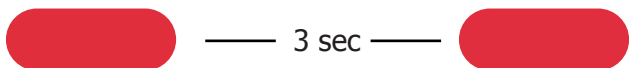


Single blink = *Searching GSM network*

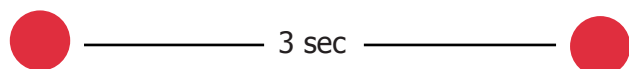


Double blink = *Connected to GSM network*

RED LED:



Slow blink = *Charging*



Single blink = *Connected to Bluetooth*

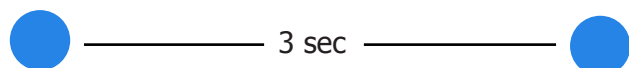


Steady blink = *Fully charged*

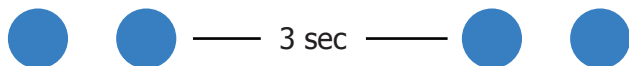


Press the On / Off button once when the device is on, the light indicates the approximate battery life. 5 flashes = about 100%, 4 flashes = about 80%, and down to 1 flashes = about 20%.

BLUE LED:



Slow blink = *Searching for GPS signal*



Single blink = *Connected to satellite*

EXPLANATION OF VOICE NOTIFICATIONS

1. **"Your mobile alarm is charging"**
= Pico 4G starts charging.
2. **"Your alarm has been activated, press the SOS button to stop"**
= Pico 4G has detected an SOS / panic alarm. Click the SOS button to cancel the alarm.
Voice is repeated 3 times.
3. **"Battery is low, please recharge your battery"**
= Pico 4G has low battery level. Voice is repeated 3 times.
4. **"Fall alarm has been activated, press the SOS button to stop"**
= Pico 4G has detected a fall. Click the SOS button to cancel the alarm. Voice is repeated 3 times.
5. **"Calling contact number 1"**
= Fallarm has been detected, Pico 4G calls authorized number 1.
Call is activated in case of fall alarm and SOS alarm.
6. **"Calling contact number 2"**
= Pico 4G dials authorized number 2 by pressing & holding the power button for 3 seconds.
7. **"Voice prompts are turned on" och "Voice prompts have been turned off"**
= When activating and deactivating all voice messages.

DOWNLOAD MINIFINDER GO APP

To set up and track your MiniFinder® Pico 4G, you need to download MiniFinder GO Tracking System APP.



If you read the documentation on your mobile phone, please click on the link below to download the APP.

Apple iPhone: <https://apple.co/2P3oYxN>

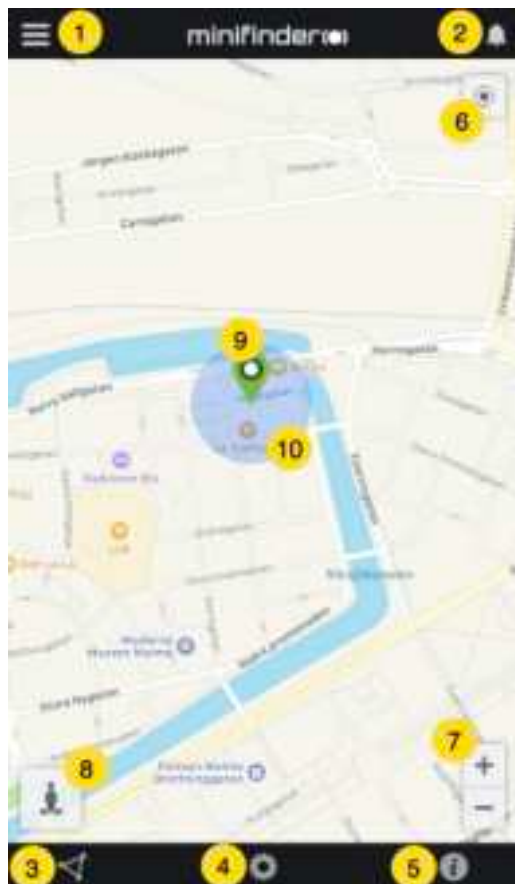
Android: <http://bit.ly/2IengsS>



Download the app by searching the **"MiniFinder GO GPS Tracking"** in Apple App Store or Google Play store. Install the app to log in with your created or assigned login details.

APP Overview

After logging in the MiniFinder GO APP, you will see the view as shown below. This consists of 10 different parts:



1. Menu (Device list)
2. Alarm notification
3. Create / Edit GeoFence
4. Applications settings
5. Application info & Help
6. View the position of my mobile phone
7. Zoom in / out
8. View street information of a selected GPS device
9. GPS device location indication on the map
10. Margin of error shown when connecting to WiFi

Menu/Device List

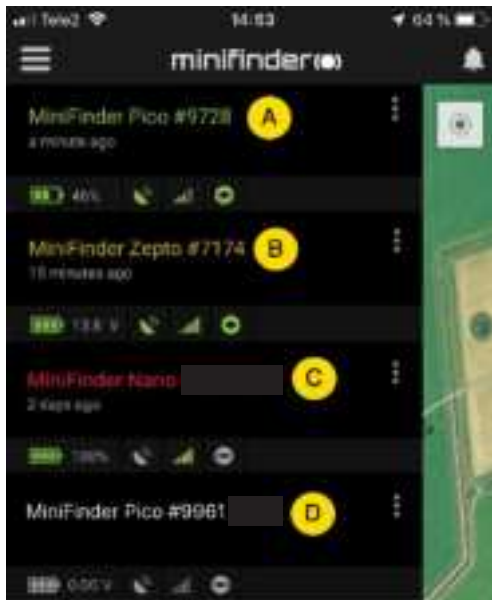
Click the menu icon to open the menu. The menu consists of one or more devices (GPSs) depending on how many licenses you have in the system.



1. Unit name
2. Time for the last position
3. Status icons:
Battery, GPS signal, GSM signal and motion
4. Action menu (history, settings, ...)

Device Status

A GPS unit can have three different colors indicating status. Green (**Online**), Orange (**Passive**), Red (**Passive**) and White (**Offline**).



- A) Green: The device is online and sending position right now.
- B) Orange: The device is passive and has sent last position more than 10 minutes ago.
- C) Red: The device is passive and has sent last position more than 1 hour ago.
- D) White: The device is offline.



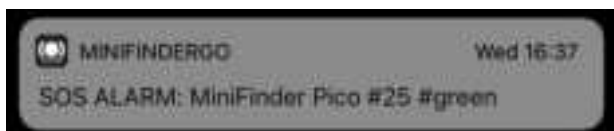
Regardless of the device's status, you can always press the device row to display the latest position on the map.

Alarm Notification

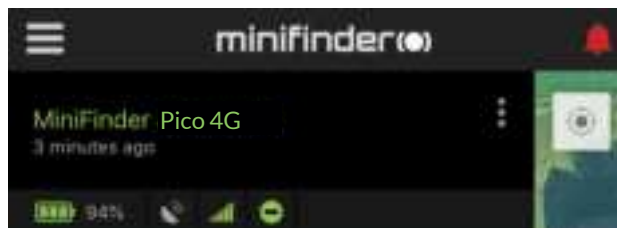
MiniFinder GO APP supports various types of alarms: Geofence alarm, Fall alarm, SOS / Panic alarm, Low battery alarm and speeding alarm. All alarms send an alarm notification to the phone's or tablet's screen. Audio alert, vibration and flashing alarm can be activated when opening the APP.

Images below show examples of alarm notifications:

- An example of notifications on a phone's screen.



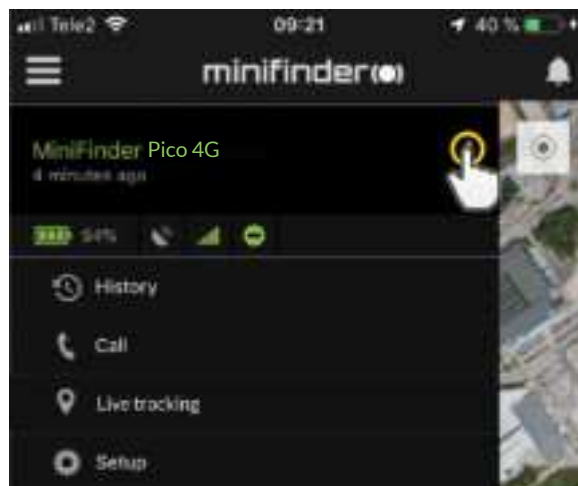
- A flashing alarm bell at the top right corner of the app.



- Click on the flashing alarm bell to see active alarms. Click on active alarms to confirm and move them to the alarm history.

Action Menu

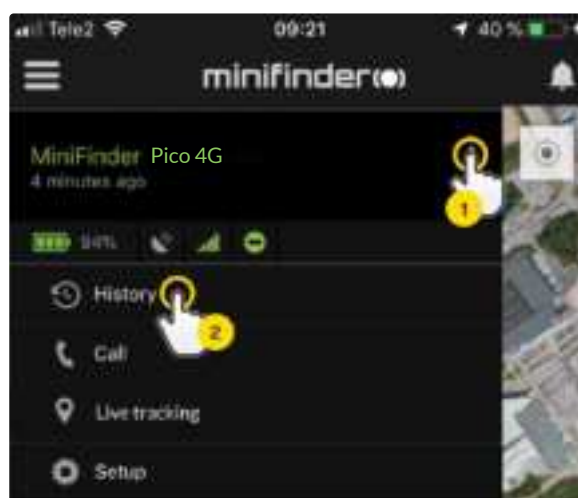
At the far right of the row of units is an Action Menu (three vertical points). In the Action Menu you can see history (History), call (Call), activate live tracking (Live tracking) and change settings (Setup).



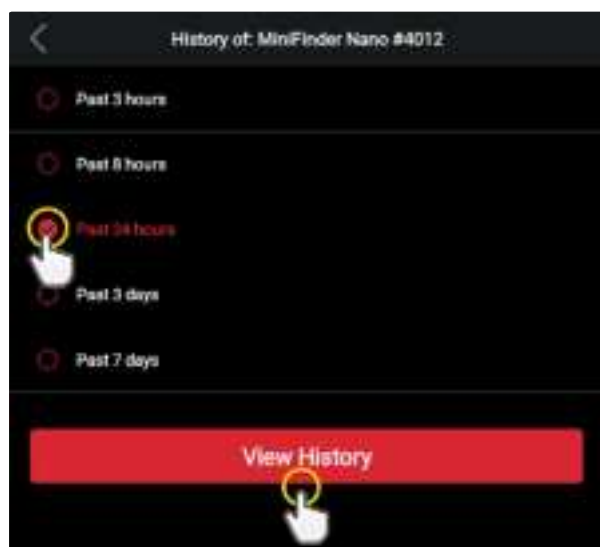
History

See positioning history on the map based on date and time.

- Start by clicking Action Menu (1), then click "History" (2).



- Select a time period and then click "View History" to display the device's positioning history.

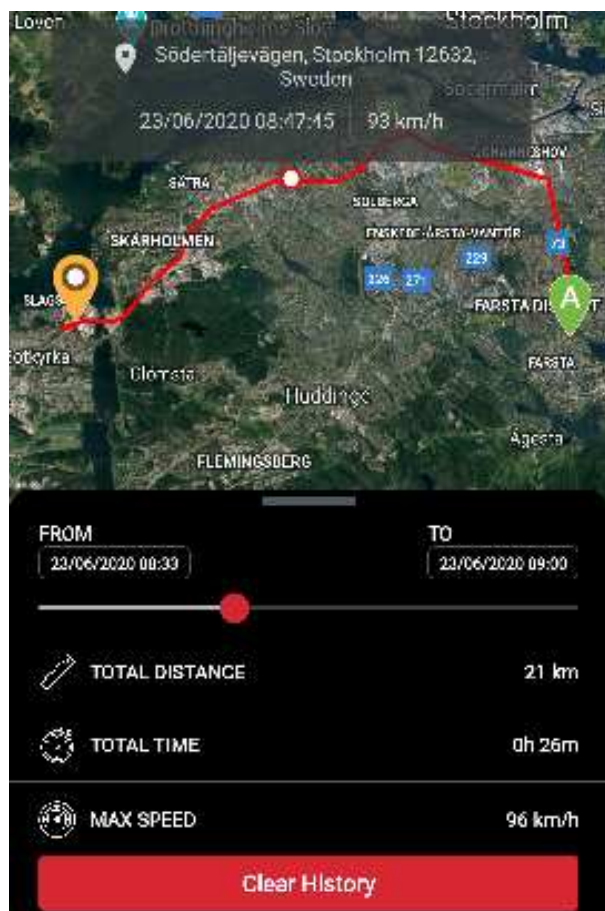


- The following information is displayed for positioning history:



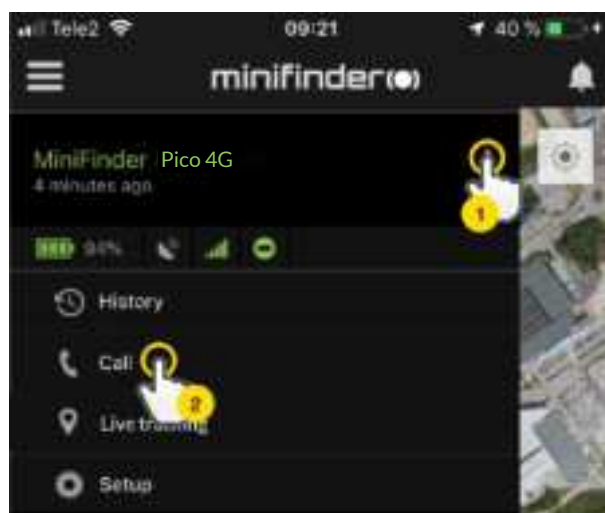
1. A is the start position
2. B is the end position
3. Indicates a particularly selected position
4. The start date and time
5. The end date and time
6. Drag the blue dot to see a particular position (3) on the map.

- When bringing up the sub screen, the detailed statistics are shown, including total distance, total time and max speed. To clear the selected history, simply click "Clear History"



Call the Device

To ring your device from your telephone, simply click on Action Menu (1) and then click on "Call" (2) to start calling.



Live Tracking

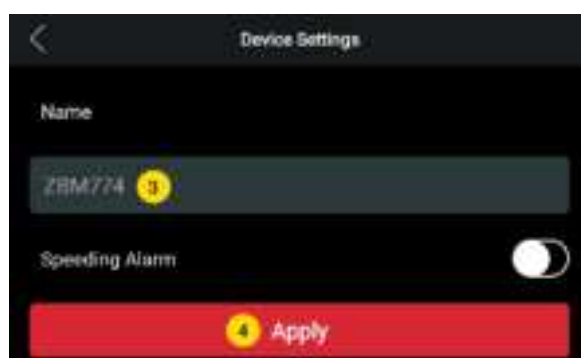
Live tracking allows users to track their MiniFinder Pico 4G in real time in a quick and easy way over a short period of time. By clicking on Action Menu (1) and then Live Tracking (2), the position update intervals change to **10 seconds for 10 minutes**. After that, the tracking returns to the previous selected position update interval.



Rename Device

Edit device name through Device Setting.

Click the Action Menu (1) and then click on the "Setup" (2). Edit device name (3) with your preference. Then click "Apply" (4) to save the changes.

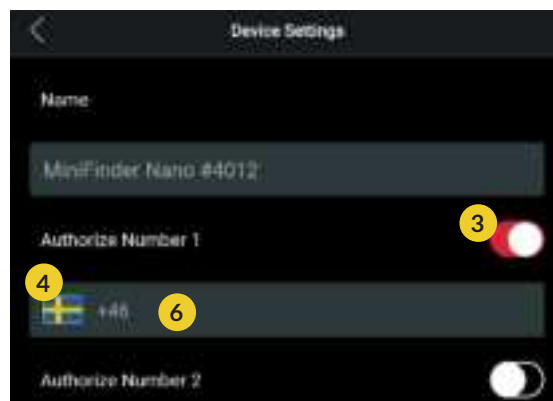
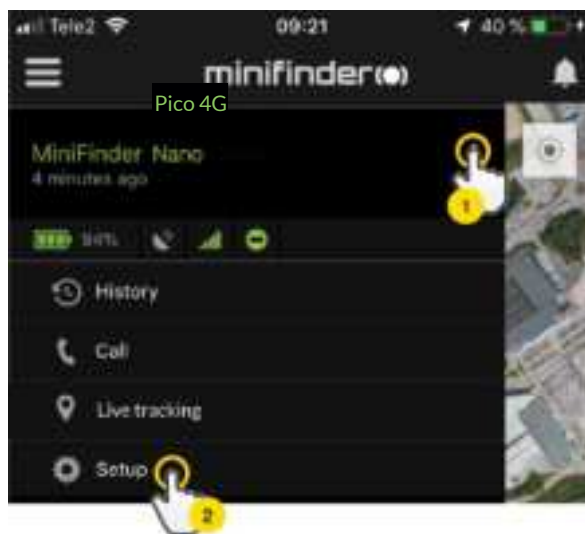


Authorize Telephone Numbers

To be able to call or receive calls from the device, one or more phone numbers need to be authorized in the device. Telephone number 1 is used as the first alarm receiver of the panic alarm (SOS button). Only phone number 2 receives calls from the call button.

- Open MiniFinder GO APP, click the Action Menu (1) and then click on the "Setup" (2).

NOTE! All MiniFinder devices include a roaming-free SIM card with a foreign telephone number.



- Enable authorization (3).
- Click on the flag (4) to select a country code.
- Select a country in the list (5).
- Enter a telephone number (6) to receive alarms.
- Click "Apply" to save the settings.

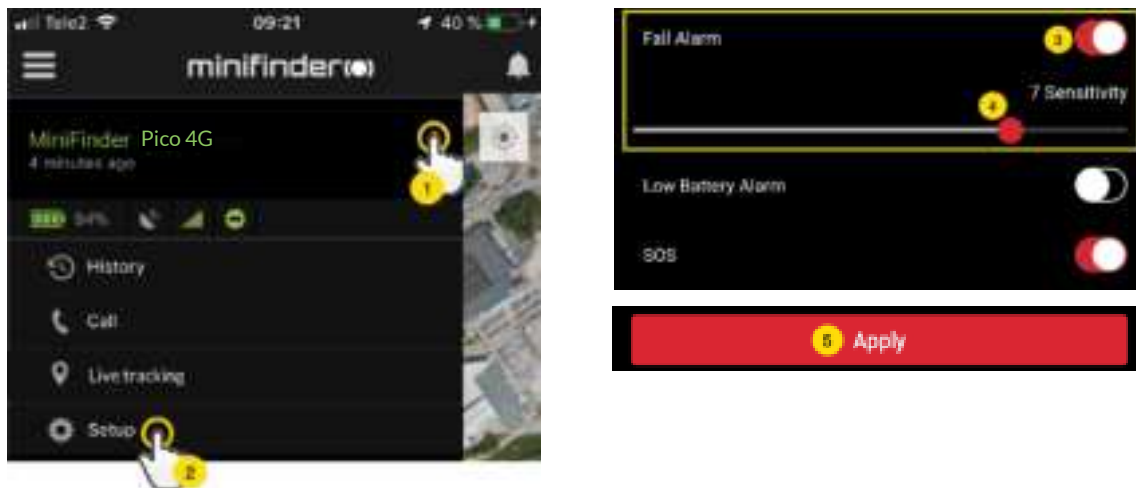


Make A Call

To make a call, please press and hold the on/off button for 3 seconds. The unit emits an indication, the green LED starts blinking, and begins dialing to the authorized phone number 2. **To end the call on a telephone**, press "1".

Fall Alarm

An accidental fall can cause devastating consequences. When an accidental fall occurs, the MiniFinder remote sensor sends an alarm to the APP in the form of an alarm notification on the mobile device's screen and an alarm bell in the APP.



- To enable the Fall Alarm, click the Action Menu (1) and then select "Setup" (2).
- Activate "Fall Alarm" (3) and drag the circle to a desired sensitivity (4), then click "Apply"(5) to save.



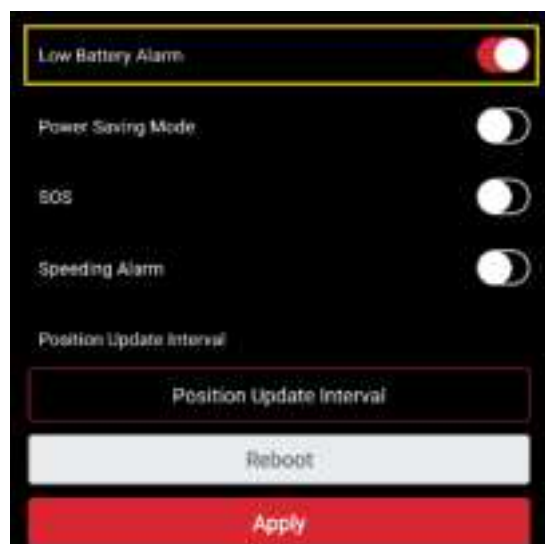
"1" indicates the lowest sensitivity, "9" indicates the highest sensitivity.
To end an ongoing fall alarm, press SOS button once.

Low Battery Alarm



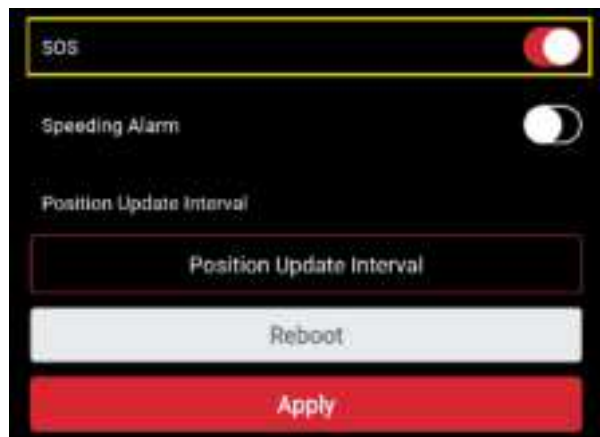
If a device's battery level falls below 10%, you are alerted with an alarm notification and the battery icon in the menu starts flashing to indicate low battery level.

- To activate Low Battery Alarm, click Action Menu, and select the "Setup".
- Turn on "Low Battery Alarm" and then click "Apply" to save the settings.



SOS

After SOS function is activated, an alarm notification is sent to the MiniFinder GO APP if the SOS / panic alarm is activated on the device. The alarm is followed up with telephone calls to authorized telephone numbers or a local alarm center.



To enable SOS, click the Action Menu and then select "Setup", and activate "SOS" according to the image above and click "Apply" to save the settings.

MiniFinder Pico 4G rings the phone for 20 seconds. If the alarm is not answered, the call is forwarded to the next telephone number. Hang up an alarm by pressing button 1 on the phone.

Keep in mind that the voicemail can affect how long the MiniFinder rings the phone before the alarm is switched on. It is therefore important to check the setting of the number of seconds before activating the voicemail.

Adjustment can be performed by MiniFinder if necessary.

Alarm via Panic Button (SOS)

Press and hold the panic / SOS button for 3 seconds. There will be a beep sound and the unit's green light starts blinking. A SOS message is sent to the MiniFinder GO APP and is displayed as an alarm notification on the mobile device's screen.

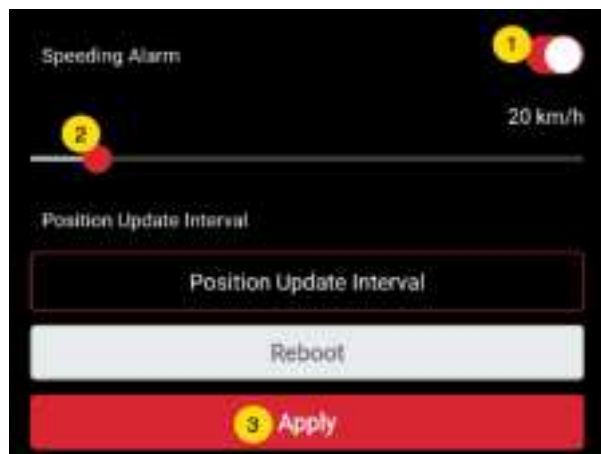
When the SOS alarm is activated, the unit starts dialing authorized telephone numbers according to chronological order. If MiniFinder fails to connect the call to the first phone number, dialing rings the next authorized phone number.

The dialing cycle is interrupted if the device does not connect to any alarm receiver. The process resumes after 5 minutes and continues until someone receives the alarm.

To end the call on a telephone, press "1". If the call is ended by pressing the hang-up button, the unit's dialing cycle will continue.

Speeding Alarm

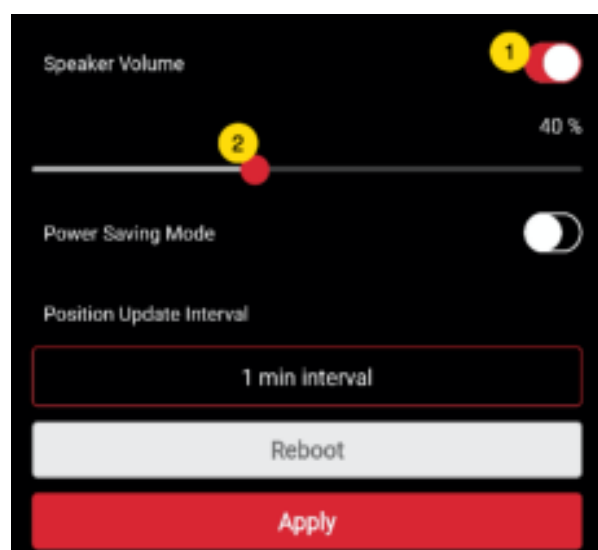
Click Action Menu (1) of the device that you want to set Speeding Alarm to, and then click "Setup" (2).



Activate "Speeding Alarm" (1). Drag the circle to a desired speed (2). Finally, click "Apply" (3) to set the alarm for speeding.

Speaker Volume

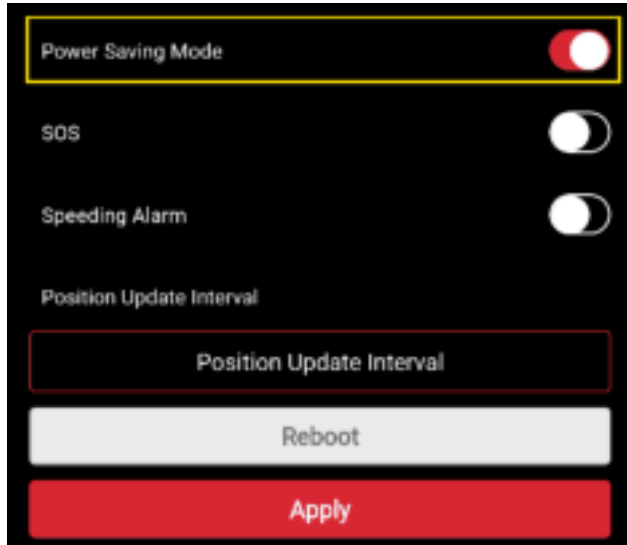
Click the action menu in the device list for the device you want to set up the speaker volume, and then click "Setup".



Activate the "Speaker volume" (1) and drag the circle on the speaker volume line (2) to a desired volume. Click "Apply" to save the settings.

Power Saving Mode

Power Saving Mode is an effective way to optimize battery life. GPS and GSM modules will only be activated in case of an alarm or event occurs, otherwise, stay deactivated.



Enable Power Save by clicking on the Action Menu and then selecting "Setup". Turn on "Power save" and then click "Apply" to save the settings.

Position Update Interval

The device can be tracked by different time interval depending on different requirements. Longer time interval consumes less battery usage.

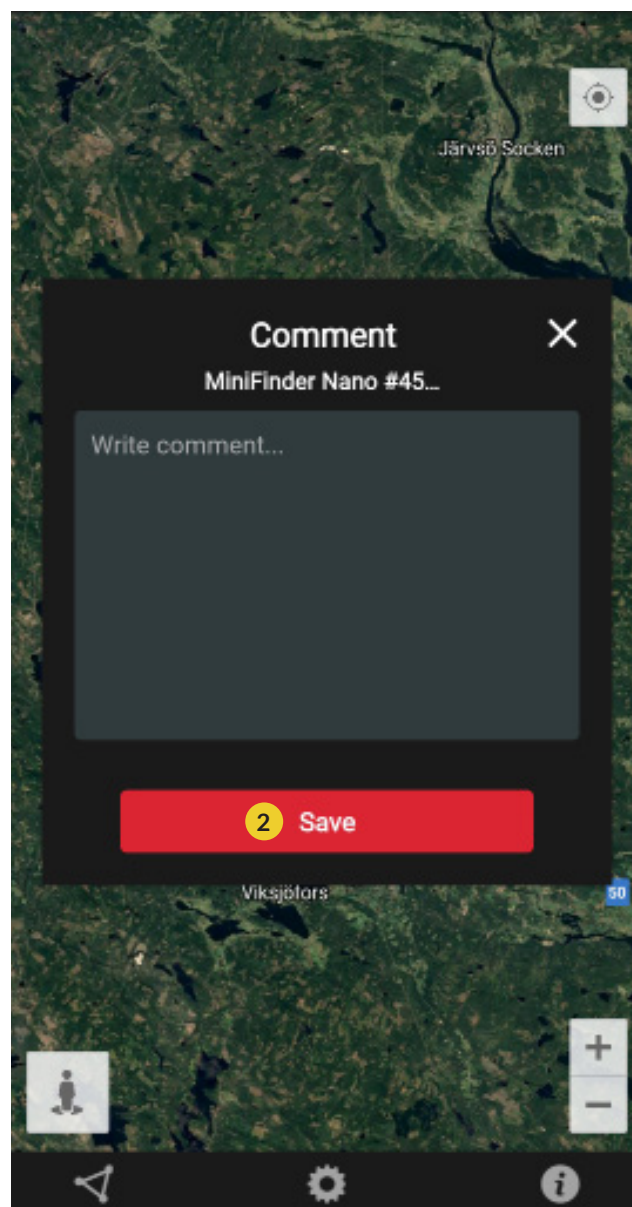
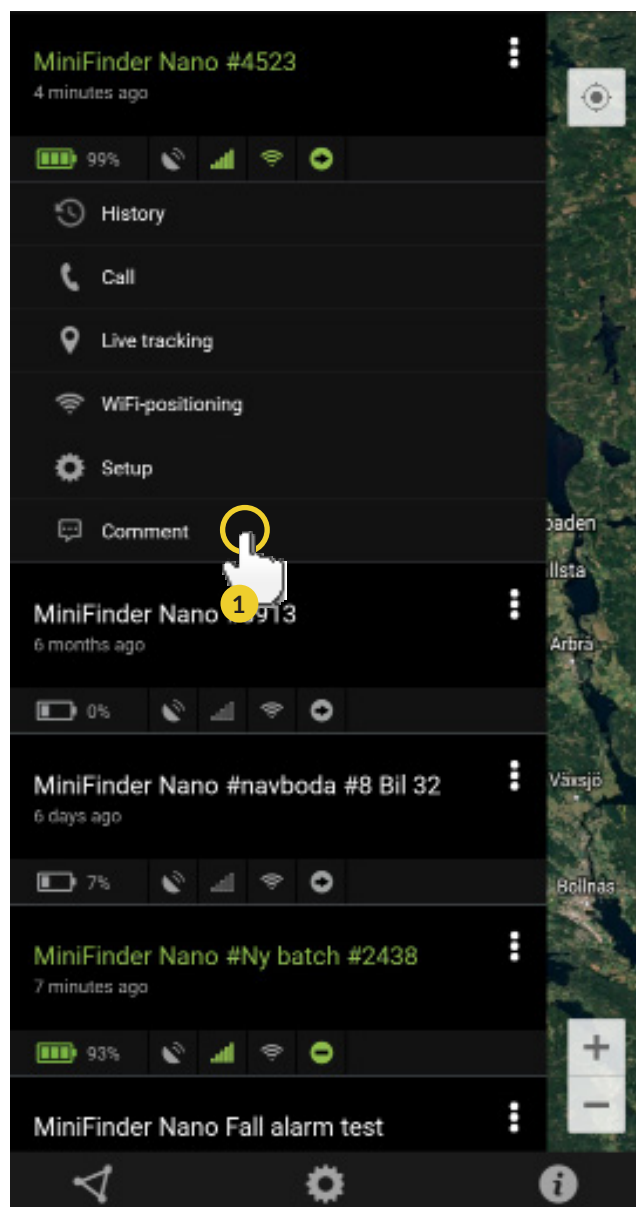


To change the update interval, click on the Action Menu and select "Setup". Then click "Position Update Interval", select a desired interval and click "Apply" to save the settings.

Comments

In the comment section, you can add additional information about your MiniFinder.
To create a comment:

- Click on the action menu and then click on "Comment".
- Enter your comment in "Write comment" and then click "Save".



Geofence Alarm

Geofence is a virtual limited area on the map. When a GPS device leaves a defined area, an alarm notification, a ringing and an e-mail are sent according to the preferences in the setting.

1) Create a GeoFence

- Start by clicking on the Geofence tab (1) and click "Create" (2) as shown below.



- Then draw an area as a GeoFence on the map.



- A) Press once on the map as starting point of the area.
- B) Press again to place the second point of the area.
- C) Press again to place the third point of the area.
- D) Press again to place the fourth point of the area.
- E) Complete the area by pressing the starting point (point A).
- F) Name the area and select which units to connect, select "Enter" or "Leave" or both to create an alarm. Then click "Create" to finish the process.



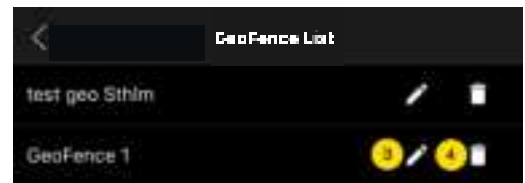
💡 If you are not satisfied with the location of a point, click "Back" to delete or hold to delete all and start over.

2) Edit a GeoFence

- Start by clicking on the GeoFence tab (1) as shown below. Then click "Edit" (2).



- In the list, select a GeoFence that you want to edit (3).
- To delete a Geofence, click on the dustbin (4).
- Create/Change a Geofence area's name (5) in the text field.
- Click on "Edit area" (6) to edit the area's size or location.
- Select "Enter"(7) or "Leave"(8) or both to create an alarm
- Select (9) the units to be affected by the area.
- Finish editing by clicking "Save".



💡 To disable a geofence without removing it, deselect all units when edit.

Tooltip

Infobox (so-called "Tooltip") contains information of the most recent position.



- A) Click the pushpin (or on the device in the menu) to bring up the properties box.
- B) Unit name
- C) Location
- D) Speed
- E) Altitude
- F) Battery level
- G) Distance between you and the selected device

Tag Function (Mark Places)

On the map in the MiniFinder GO APP, you can mark places with particular information.

- Long press on the place where you want to mark on the map. (1)
- You can give a name (2), a description (3), an icon (4) on the map and even attach an image (5).
- Press "Create" (6) to save.



- Press the icon on the map (1) to edit the marked place and save the changes (2) or delete (3).

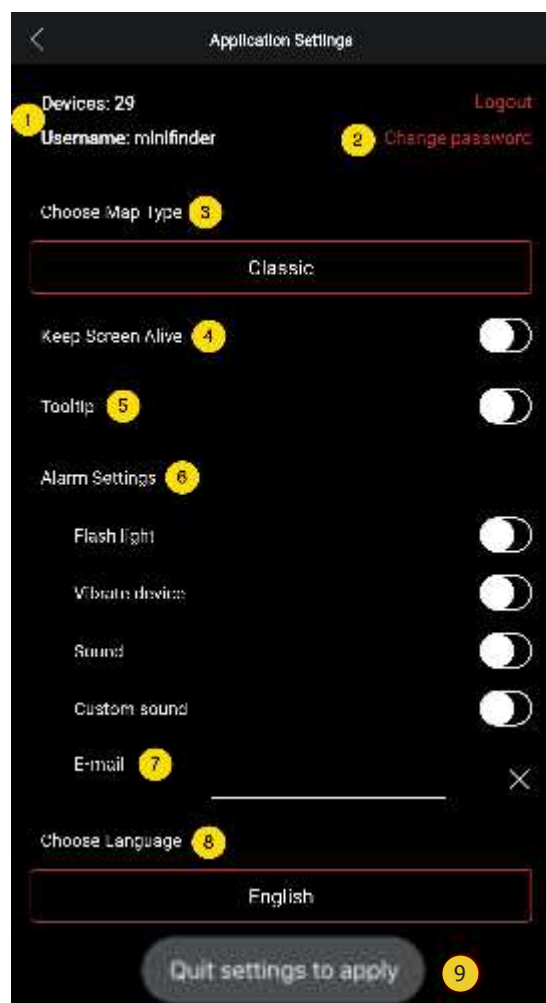


APP Settings

- Click on the gear symbol to make settings in the MiniFinder GO APP.



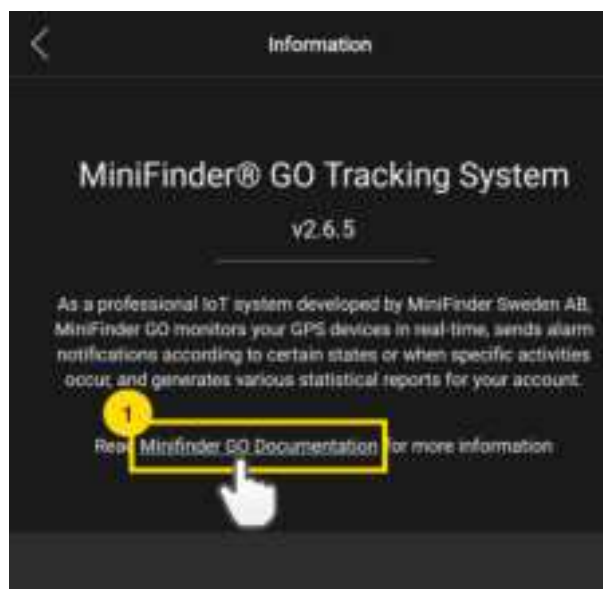
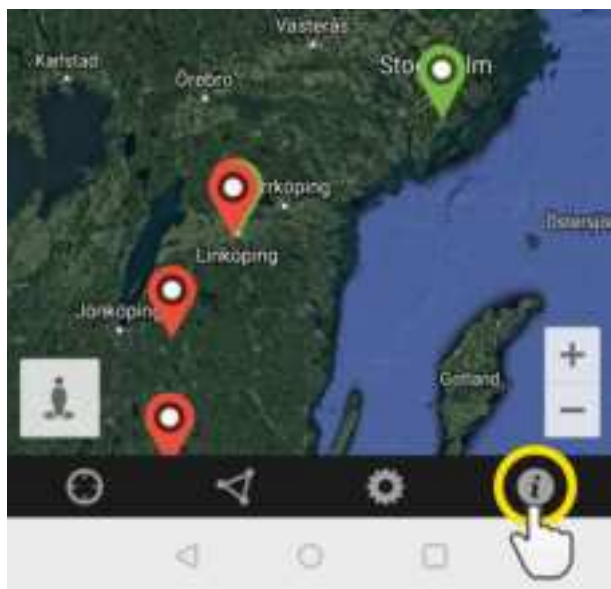
- Settings Menu.



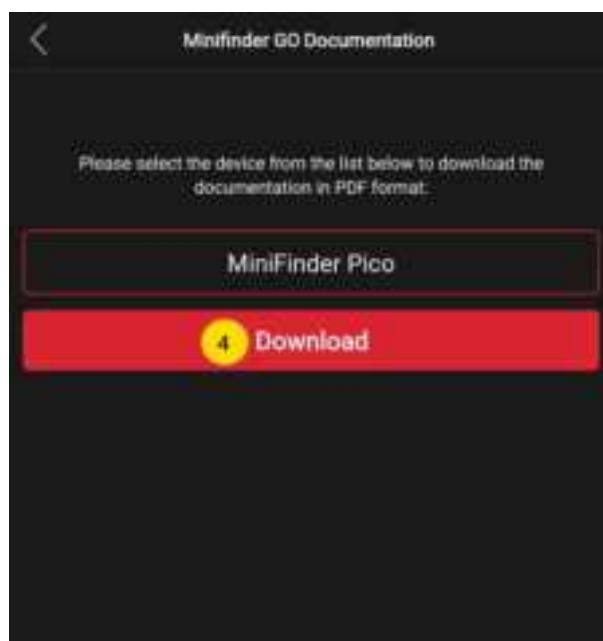
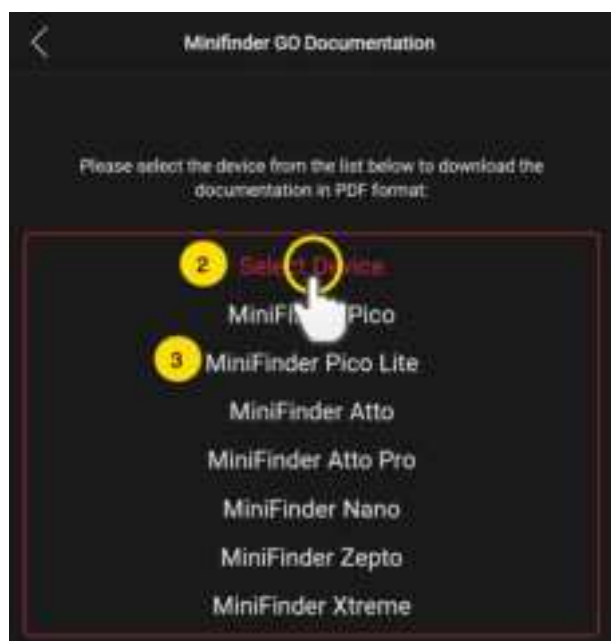
1. Number of licenses and your username.
2. Change your password.
3. Map selector (Classic, Hybrid, Terrain and Satellite)
4. "Keep Screen Alive" keeps your mobile device's screen on until it is turned off manually. The setting may involve increased battery usage for your mobile device depending on settings.
5. "Tooltip" shows information of your GPS above the map pin. Disable this if you do not wish to view the information.
6. Alarm settings defines what your mobile device would react when alarms are triggered.
7. Enter an email address to receive emails notification when alarm are triggered.
8. Change a language:
English, Swedish, German, Finnish, French.
9. Simply quit the settings to apply changes.

User Manuals

- Click on the "i" symbol to read more information about MiniFinder GO and get access to the user manuals for all our products.
- Press on "MiniFinder GO Documentation" (1).



- Press on "Select Device" (2) and select which device's user manual (3) you would like to read.
- Press on "Download" (4) to download the user guide for selected device.



MEMORY FUNCTION

The unit has a built-in 1 MB flash memory. The memory stores GPS information when coverage of GSM networks is omitted (eg in sparsely populated areas, indoors, underground locations, etc.). Stored positioning data is automatically transmitted as soon as GSM coverage is available again. This function depends on the additional service of MiniFinder GO. Contact your dealer for more information.

SAFETY STATEMENT

This equipment has been tested to comply with safety certificate in accordance with the specifications of the standard: EN 60950-1: 2006 + A12: 2011.

IMPORTANT SAFETY INSTRUCTIONS

- Please read these instructions.
- Please keep these instructions.
- Please follow all instructions.
- Please take heed of all warnings.
- Do not open the unit. Substances in this product and / or the battery can damage the environment, and / or human health if handled improperly.
- Do not tamper with your MiniFinder®.
- Do not use abrasive cleaners to clean your MiniFinder®.
- Do not put your MiniFinder® in a dishwasher, washing machine or dryer.
- Do not expose your MiniFinder® to extremely high or low temperatures.
- Do not bring your MiniFinder® into a sauna or a steam bath.
- Do not leave your MiniFinder® in the direct sunlight for a long time.
- Do not place your MiniFinder® near an open flame.
- Do not throw your MiniFinder® in a fire. The battery can explode!
- Do not attempt to disassemble a MiniFinder®, it contains non-replaceable components
- Never let children under 3 years of age play with MiniFinder®. Small components can be a choking hazard for them.

BUILT-IN BATTERY PRECAUTIONS

- Do not attempt to open the built-in battery by force.
- Do not try to replace your MiniFinder® battery. It is built in and can not be replaced.
- Please charge the battery in accordance with the instructions provided with this guide.
- Use only CE certified charger to charge the battery. **NOTE:** DO NOT use a so-called "Fast Charger".
- Please charge your MiniFinder® with the help of a certified computer, hub or power supply.

RECYCLING INFORMATION



The symbol on the product or its packaging means that this product must be disposed of separately from ordinary household wastes at its end of life. Please be aware that this is your responsibility to dispose the electronic equipment at recycling centers to help conserve natural resources.

Each country in the European Union should have its collection centers for electrical and electronic equipment recycling. For information about your recycling drop off point, please contact your local electrical and electronic equipment waste management authority or the retailer where you bought the product.

Le symbole sur le produit ou sur son emballage signifie que ce produit à la fin de sa vie doit être recyclé séparément des déchets ménagers ordinaires. Notez que ceci est votre responsabilité d'éliminer les équipements électroniques à des centres de recyclage afin d'aider à préserver les ressources naturelles. Chaque pays de l'Union européenne a ses centres de collecte et de recyclage pour le recyclage des équipements électriques et électroniques. Pour plus d'informations ou trouver un centre de recyclage, contactez votre commune ou le magasin où vous avez acheté le produit.

- Do not dispose of the MiniFinder® with household waste.
- Batteries are not to be disposed of in municipal waste stream and require separate collection.
- Disposal of the packaging and your MiniFinder® should be done in accordance with local regulations.



Li-ion



EU (European Union)

Declaration of Conformity with Regard to the EU Directive 1999/5/EC

MiniFinder Sweden AB is authorized to apply the CE Mark on MiniFinder®, thereby declaring conformity to the essential requirements and other relevant provisions of Directive 1999/5/EC.



Compliant with the standard R&TTE 99/CE/05
Conforme à la norme R&TTE 99/CE/05

TECHNICAL SPECIFICATION

Dimensions	61mm x 44mm x 16mm
Weight	40g
Battery	Rechargeable, 3.7V 850mAh
Power source	5V DC
Frequency band for GSM	LTE-FDD B1/B3/B7/B8/B20 GSM/GPRS.EDGE 900/1800MHZ
GPS chip	uBlox MAX M8 (AGPS support)
Fixed time against GPS	Active 1s, Warm 5s, Cold 15s
GPS sensitivity	Warm -148dBm, Cold -162dBm
WiFi	802.11 b/g/n, 2.4G
Bluetooth	BT5.0 LE
Operating temperature	-20°C to +60°C
Humidity	5% to 95% Non-condensing
Standby	72 hours (under normal environmental conditions)
Memory	Built-in 1Mb flash
IP class	IP67, waterproof

NOTES

This image shows a blank sheet of white paper with horizontal ruling lines. The lines are evenly spaced and run across the width of the page. There are no margins, text, or other markings on the paper.

minifinder ®

www.minifinder.com