



TP03

User Manual





1. Insert SIM card

Before the SIM card is inserted, you should ensure that it is not protected by a PIN-code. This is done by inserting it into a phone.

Remove the large screw on the back side. Open the cover. Remove battery. Slide in the SIM card and reassemble.

Start by following the points 4a to 4c.



2. Switches and charging

In the front you see a SOS button. When pressed shortly, the indicators will light up. These are turned off after two minutes to save power.

Hold the SOS button for three seconds, and the unit will send alert to the SOS numbers (4a). Shortly after this, the unit will call the SOS number and activate its built-in microphone.

On the top of the unit you see a USB plug for charging and two switches. The rightmost switch turns the unit on and off. The "PK" switch activates vibration alarm (parking mode). For the sensitivity of the vibration alarm, see 4h.



3. Indicators

On the front side there are three indicators. After two minutes indicators are switched off to save power. Press the SOS button shortly to turn them back on.

The leftmost (green) light indicates if there is GSM signal. It is flashing quickly when GSM data is being received, flashing slowly when GPRS connection is established and is constant bright when the internal microphone is in use. If it is constant turned off, it means there is no connection or SIM card is not correctly installed.

The rightmost (blue) light indicates if there is GPS signal. It flashes quickly when searching for GPS signal and flashes slowly when signal is found. If it is constant turned off, it means there is no GPS-signal.

The SOS button flashes every two seconds, when working normally and flashes quickly when the unit needs charging. The button will be constant bright while charging and flash slowly when fully charged.

When "PK" is on (parking), all three indicators will flash in turn every two minutes.

4. SMS commands

The unit is configured by texting. If your number is not an SOS number, the units password has to be entered.

a) SOS numbers

SOS numbers are allowed to configure the unit and ask for location. Furthermore the SOS numbers will receive vibration alerts and alerts when the SOS button is pressed for three seconds.

By calling the unit for 10 seconds, SOS numbers are allowed to listen to the build in microphone.

You can add up to four SOS numbers.

Syntax:

SOS,A,12124040# adds this number.

SOS,D,12124040# removes the number.

b) Server and language

The unit needs to be configured to send locations to our server and to use English language.

Text these commands one at the time:

SERVER,1,S.GPS1.DK,88,0#

LANG,0#

c) APN - Internet connection

The connection to Internet has to be set up according to the supplier of the SIM card.

Syntax:

APN,adr,username,password#

Username and password are seldom used.

Example: APN,internet#

d) Password

Changes the units password. This has to consist of six digits.

Syntax:

PASSWORD,666666,999999#

Changes the old password (666666) to the new (999999).

e) Timer

This changes how often position is uploaded to the server.

Most of the time the unit will retrieve position from an GPS satellite. If no satellite is found it will try to estimate its location using close by mobile masts (LBS)

Syntax:

TIMER,LBS interval, GPS interval, Pause #

LBS interval can be 1-60 minutes.

GPS interval can be 10-18000 seconds.

When GPS signal is lost "Pause" indicates how long time it should wait before trying again. This can be 5-300 minutes.

Sample: TIMER,60,10,5#

The unit will upload GPS position every 10 seconds. Is GPS connection lost it will upload LBS position every 60 minutes. After 5 minutes it will try to reconnect to the GPS satellite.

f) Location

URL#

The unit will text you its current position.

If you are using a smart phone, there will be a link in the message to a map pinpointing its position..

g) Sleep/wake

With these two commands the battery will last much longer.

SLEEP#

The unit will go off-line.

WAKE#

The unit go back on-line. It can take a couple of minutes before it has a GPS signal!

h) Vibration alarm

There are three ways to activate this alarm.

Either by switching on "PK", texting or calling the unit for less than 10 seconds.

Syntax: 111# Activates

Syntax: 000# Deactivates.

The vibration alarms sensibility can be adjusted by texting:

LEVEL,n# (where n can be 0-3)

j) Geo-fence

Geo-fence alerts the SOS numbers when the unit is leaving a defined area.

Syntax:

FENCE,ON,0,0,0,radius#

The units present location will be the center of the fence, which will have the given radius.

Radius can be 1=100m, 2=200m etc.

FENCE,ON,latitude,longitude,radius#

The fence will have its center defined by latitude and longitude.

Alerts are sent both when entering and leaving the area.

FENCE,ON,latitude,longitude,radius,OUT#

Alerts are sent only when the unit is leaving the area.

FENCE,ON,latitude,longitude,radius,IN#

Alerts are sent only when the unit is entering the area.

FENCE,OFF#

Turns off fence.

SEEFENCE# Informs you about present fence.

k) Trouble shooting

FACTORY# (reset to factory settings)

RESET# (reset unit)

6. On-line tracking

Visit: www.gps1.dk

Log in with user name and password.

If you have more than one unit, and wishes to give someone access to one, they can log in with the units IMEI number and the password 123456

Each unit is shown as icons on the map as well as in the list to the left.

By clicking one, you can choose between some options:

a) Tracking

This option gives you a map, showing movement. The unit will have a green tail showing where it has been.

b) Playback

Choose date and time for start and end - then press "Play".

GPS data is stored two months back.

c) Geo-fence

Here you can add circular areas, where the unit is restricted to stay.

If the unit leave the area, you will be alerted inside the tracking portal.

d) Target info

Here you can edit information about the unit and choose a different icon shown on the map.



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