



User Manual
EASY Finder 2.0



Comment:

Thank you for the purchase of our finder. This guidance will show you the handling and operation of the product. Please keep this manual for future reference purposes.

Is this manual too small for you?

For this guidance, we have chosen a particularly small print format, so that you will be able to put it in your pocket or in your car, without requiring too much space.

If this manual is too small for you, it is possible to find a current version of it as a PDF here:

www.paj-gps.de/user-manual-englisch

You can display the file in any size and even search for individual keywords.

Are you familiar with your EASY Finder 2.0?

We recommend using the PAJ Finder App to easily create commands.



Still not satisfied?

Then contact us! We will take care of your problem as soon as possible, so that you can be satisfied!

Contact:

Phone: +49 (0) 2292 39 499 59

E-Mail: info@paj-gps.de

We would be pleased if you did not directly open a case or leave a negative feedback, but give us first the opportunity to find a solution to your problem. This would be of benefit to both parties. Contact us and we will gladly help you! 😊

Satisfied?

If you are satisfied with our product, then we would be very happy to get a positive feedback or 5 stars from you!

Kriterien	Bewertungen
Artikel wie beschrieben	★ ★ ★ ★ ★
Kommunikation	★ ★ ★ ★ ★
Versandzeit	★ ★ ★ ★ ★
Versand- und Verpackungskosten	★ ★ ★ ★ ★

Best regards and many thanks,

your PAJ team

Quick start – *PAJ EASY Finder 2.0*

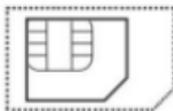
Step 1: activation of the SIM Card

In order to use the EASY Finder 2.0, you need a SIM Card. This is not included in the standard scope of delivery. We recommend using a prepaid card, as costs will be charged from the direct use only. Activate your card and make sure that it works. Please write down the phone number of this SIM Card.

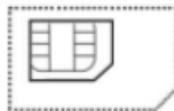
The SIM card used for the EASY Finder 2.0 must be in the standard format.



Standard

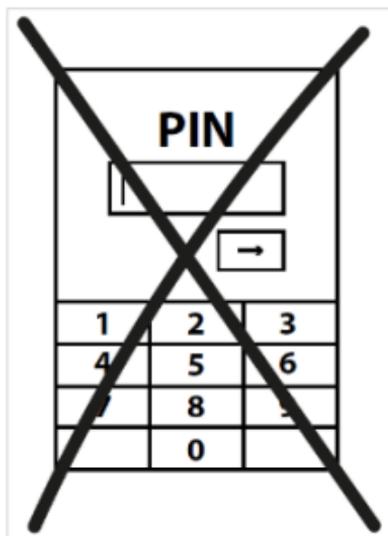


Mikro



Nano

Step 2: Disable PIN-Code and voice mail of the SIM Card



Insert your SIM Card in your mobile phone. Disable the PIN Code request of the SIM Card over the security setting on your cell phone. For most providers, it is possible to disable the voice mail by calling **##002#**.

For further details, please refer to the instructions of use of your mobile operator or network provider.

SIM-PIN



##002#

Step 3: Insert the SIM card in the EASY Finder 2.0

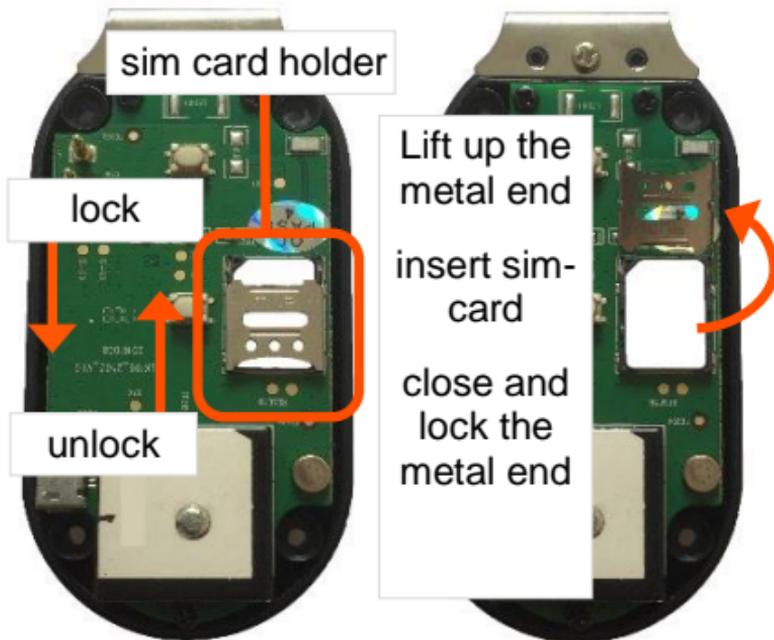


First, the front housing of the PERSONAL finder has to be removed. To do this, unscrew the four small **screws** on the back of the unit with the enclosed screwdriver. The EASY Finder 2.0 is **splash-water protected**. For this reason, the screws are

equipped with a rubber seal. The housing also has this protection. For this purpose, the rubber edge is adhered to the edge of the front cover and **is not removed** even when taking off the cover.

To open the case, gently pull the back side of the case away from the device right from rubber band.

Once open, you'll find the silver buckle holding the sim card in the mid-section. Use nano sim-cards only for the finder.



Unlock the sim card holder by gently (1) sliding up and then (2) lifting up the metal end. Insert the sim card with the contact points facing down (towards the finder). For further orientation, make sure the angled corner is in the right place.

To **lock** the card holder reverse the abovementioned process, closing the metal end and sliding it back into its initial position.

Subsequently, put the case back onto the device. Make sure the rubber band is seated correctly, in order to prevent water from flowing into the EASY Finder 2.0.

Use nano sim-cards only for the EASY Finder 2.0

Step 4: Loading



Before the first use of the EASY Finder 2.0, the device must be **fully charged**.

The charging cap with USB cable is used for this purpose. Push the flat side of

the metal buckle into the finder until it clicks into place. The parallel projections on the loading cap serve as guide aids and fit exactly into the opening of the metal buckle.



After loading, the charging cap can be removed and stored in its original packaging. To do so, the metal rail must be **raised slightly**. The charging adapter can be withdrawn again. Please store the charging adapter well. For this purpose, we recommend the original packaging.

Step 5: Launching the product for the first time

Press the upper button on the front side of the EASY Finder 2.0 to turn it on/off.

Turning the PERSON finder on / off. Press this button until the LED lights start to light up.

Meaning of the LED lights:

GREEN

GPRS / GSM status

BLUE

GPS status

RED

Battery status

Step 6: Call and track your EASY Finder 2.0



Call the number of the SIM card that you inserted in the GPS finder in order to request a location.

After that, the finder will send you an SMS with the coordinates and a link to Google Maps directly to your mobile phone. As soon as you use click on the link, the finder shows the precise location.

Please make sure that your unit has sufficient reception power and is not located on a covered space at the beginning.

The team of PAJ-GPS wishes you lots of fun with your EASY Finder 2.0!

For more detailed information, please read the user manual on the following pages.

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1 Scope of delivery

The scope of delivery includes:

- EASY Finder 2.0 by PAJ
- USB charging attachment including protective cap
- Screwdriver
- User Manual
- Adapter for the socket

We are constantly improving our products. Therefore, the contents of the manual may change. The latest version can be found on our website at:

www.paj-gps.de/user-manual-englisch



2 Grounds

Based on the GSM mobile network and the GPS satellites, this product can transmit its location via SMS or GPRS.

The EASY Finder 2.0 offers you numerous possibilities for position finding. For more information about how to implement them, please go to chapter 6.

SIM cards with contract term can also be used. However, we recommend using a prepaid SIM card for the GPS tracker. Please do not use SIM cards that charge automatically as soon as they reach a specific account balance. This prevents you from incurring increased costs due to an incorrect setting.

Recommended for the first start of the EASY Finder 2.0 are places that **are not covered**, such as the garden or terrace (not in the apartment, garage, cellar or similar). Please note that the **GSM signal** is not supplied in some locations by the respective network provide

Please enter the **uppercase** and **lowercase** of the letters when entering the commands. In addition, the plus characters (+) and the quotation marks (") **are not to be sent**. If you receive an error message, the command was not accepted. Please check the entries carefully and then repeat the procedure.

3 Product graphics



© PAJ UG (haftungsbeschränkt)

Metal buckle

Rubber surround for splash protection



EASY Finder 2.0 v.2.0ENG
© PAJ UG (haftungsbeschränkt)

4 Technical data

Dimensions	70,4 mm x 30,6 mm x 10,8 mm
GPS accuracy	Up to 5 meters
Standby time	about 3-7 days
Battery	3,7V 500 mHa Li-ion
Weight	50 g including metal buckle
Time to start	Coldstart: 1-3 min Standby: 35 s in operation: 5 s
Network	GSM/GPRS
Band	850/900/1800/190MHz
GPS chip	UBLOX G6010-ST, 50 channel
GSM/GPRS module	Simcom Sim900
GPS reception	-159 dBm
Charger	110-220V, AC, 50 Hz input 5 V, DC output
Storage temperature	from -40 °C to +55 °C
Operating environment	from -20 °C to +55 °C
Air humidity	5%-95%

The GPS accuracy depends on the GPS reception of the finder.

The EASY Finder 2.0 offers you a running time from 3 to 7 days, without loading in the meantime! Using a new software, it is possible to reduce the battery consumption. However, please note that the runtime depends on the utilization of the finder.

5 Starting up

5.1 DEACTIVATION OF THE PIN CODE/MAILBOX

- (1.) Insert the SIM card into an ordinary mobile phone and then deactivate the PIN code request of the SIM card. You usually have to do this under the menu item Settings or security settings of your mobile phone. A single input of the PIN code when switching on the mobile phone is not enough.

For a detailed description of how to disable the PIN code request, please refer to the manual of your mobile phone. Please also note that the PIN code query is not the screen number lock on your phone.

- (2.) Turn off the mailbox to avoid any incurring costs for the calling mobile phone. By most providers, the mailbox can be deactivated by calling "##002#".
- (3.) Please note that you can only receive a confirmation from the EASY Finder 2.0 when you are providing your call number with a call. Switch on the number transmission (also caller ID) of your mobile phone.

5.2 INSERTION OF THE SIM CARD

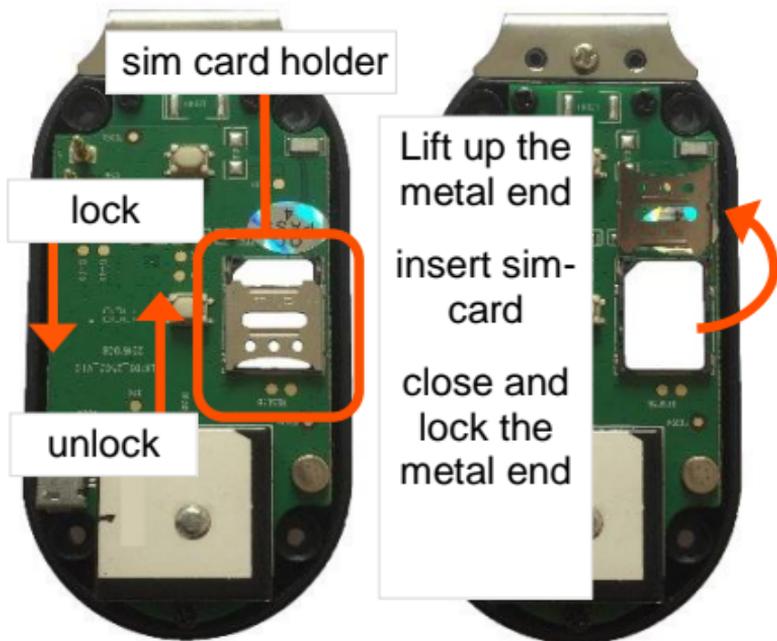


First, the front housing of the PERSONAL finder has to be removed. To do this, unscrew the four small **screws** on the back of the unit with the enclosed screwdriver. The

EASY Finder 2.0 is **splash-water protected**. For this reason, the screws are equipped with a rubber seal. The housing also has this protection. For this purpose, the rubber edge is adhered to the edge of the front cover and **is not removed** even when taking off the cover.

To open the case, gently pull the back side of the case away from the device right from rubber band.

Once open, you'll find the silver buckle holding the sim card in the mid-section. Use nano sim-cards only for the finder.



Unlock the sim card holder by gently (1) sliding up and then (2) lifting up the metal end. Insert the sim card with the contact points facing down (towards the finder). For further orientation, make sure the angled corner is in the right place.

To **lock** the card holder reverse the abovementioned process, closing the metal end and sliding it back into its initial position.

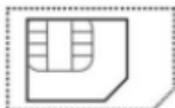
Subsequently, put the case back onto the device. Make sure the rubber band is seated correctly, in order to prevent water from flowing into the EASY Finder 2.0.

You can then screw on the cover again. Pay attention to the correct seat of the **rubber edge** so that the EASY Finder 2.0 keeps its **splash protection**.

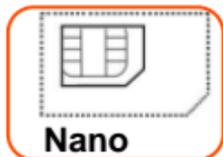
Use nano sim-cards only for the EASY
Finder 2.0



Standard



Micro



Nano

5.3 LOADING



Before the first use of the EASY Finder 2.0, the device must be **fully charged**.

The charging cap with USB cable is used for this

purpose. Push the flat side of the metal buckle into the finder until it clicks into place. The parallel projections on the loading cap serve as guide aids and fit exactly into the opening of the metal buckle.



After loading, the charging cap can be removed and stored in its original packaging. To do so, the metal rail must be **raised slightly**. The charging adapter can be withdrawn again. Please store the charging adapter well. For this purpose, we recommend the original packaging.

5.4 LAUNCHING THE PRODUCT FOR THE FIRST TIME, TURNING ON AND LED SIGNALS

The EASY Finder 2.0 has two vertical buttons on the front. The top button is used to start and stop the PERSONAL finder. The underlying  button with the **SOS** lettering fulfills the purpose of an emergency alarm button. For more information see point 6.8.

5.5 MEANING OF THE LED LIGHTS

To indicate the status of **GSM reception**, **GPS reception**, as well as the **battery status**, three different colored LED lights in a circle around the on / off switch of the EASY Finder 2.0 give different signals. The meaning of these **identifiers** is listed below:

Green LED - GPRS / GSM status

SIGNAL	MEANING
	GSM module available
The green LED is constantly up	In case the green LED does shine constantly and the Finder still is unavailable please check the following: PIN-Code is deactivated SIM card is fully activated
The green LED is off	Standby mode
The green LED flashes every 2-3 seconds	GPRS module available (Only in conjunction with the Tracking portal required) See point 10

Blue LED - GPS status

SIGNAL	MEANING
The blue LED flashes every 2-3 seconds.	GPS reception available.
The blue LED is off.	Standby mode If the GPS tracker doesn't move, the GPS signal will turn off. If you call up the GPS tracker, you will get the location where the GPS tracker is located. As soon as this GPS tracker is moved again, the GPS signal automatically switches back on. Unless the GPS tracker is in "sleep mode" (point 6.5+6.6).
The blue LED lights constantly.	No signal available. GPS tracker searches for a signal.

Red LED – Battery status

SIGNAL	MEANING
The red LED flashes every 2-3 seconds.	Battery low.
The red LED is off.	Battery is fully charged or battery level is not empty
The red LED lights constantly.	GPS-Tracker loading.

If the EASY Finder 2.0 does not receive a signal, first check the functionality of your SIM card. You should also check whether the PIN query is switched off. You should also change the location if the signal condition does not change after a long wait.

For the first start of the EASY Finder 2.0, we recommend places that are not covered, such as the garden or terrace (not in the apartment, garage, cellar or similar). Please note that in some locations, there is not enough GSM signal from the respective network provider.

5.6 AUTHORIZATION

Important: You must authorize your phone number so that you can use the GPS Tracker and avoid misuse!

SMS facility

(1.) Send an SMS containing

„**admin+Password** white space
your mobile number“

in order to authorize a number.

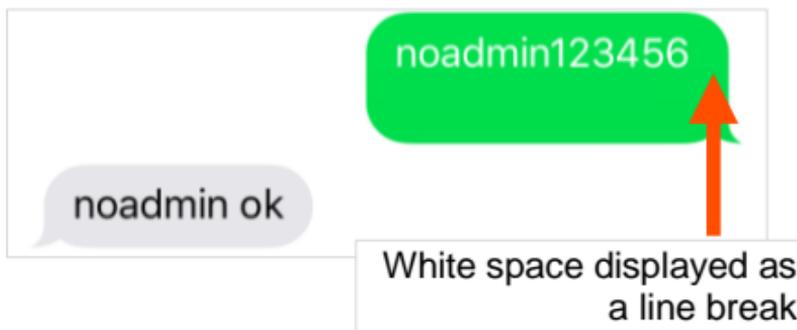
Example:

„**admin123456 01751234567**“

Your mobile phone number is not the number of the SIM card, which is in the GPS tracker, but the one with which you call the GPS tracker!

Sample picture of the SMS you receive from the GPS tracker:

White spaces can be **displayed as a line break** in a sent SMS. Please pay attention to this note if you use the SMS representations shown below as an aid



- (2.) If you now **call** the device to retrieve the location, the admin number (your mobile number) will receive a **message** (see stand-by location request). You will also receive the alarms on this telephone number.

There are differences in the **authorization of the telephone number** in relation to network services from home to abroad, as well as from abroad to your home country. If necessary, make sure that the spelling of the authorized telephone number is followed by **country code**.

Example: If your EASY Finder 2.0 is abroad and should send information to a German telephone number, which is authorized for this purpose, the number must be included in the following format in the command:

+491751234567

- (3.) If you want another mobile phone to receive the alarms, please send the following SMS command to the device:

**„sos,your mobile phone number,
second mobile phone number,“**

Example:

„sos,016012345677,0160123456789,“

- (4.) Delete the SOS number (s):

Simply sent the following command:

example: „sos,,,“

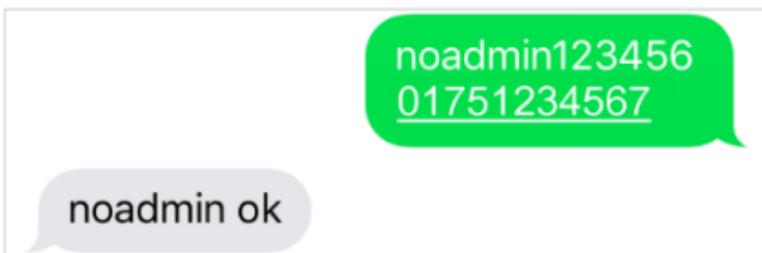
Example: „noadmin123456 01751234567“

5.7 PASSWORD CHANGE

For your own **safety**, it is very important that you change the password directly at the beginning of use. In this way, you will be the only user who can make further settings on the device.

The password must always contain **6 digits**. Standard password: **123456**

Send an SMS with the following content to the FINDER to change the password:



**„password+old password white space
new password“**

Example: To change the password from
"123456" to "654321", send an SMS
containing

„password123456 654321“

to the EASY Finder 2.0.



- ✓ This newly set password is now generally valid for every entry of a command for which your EASY Finder 2.0 requires the password.

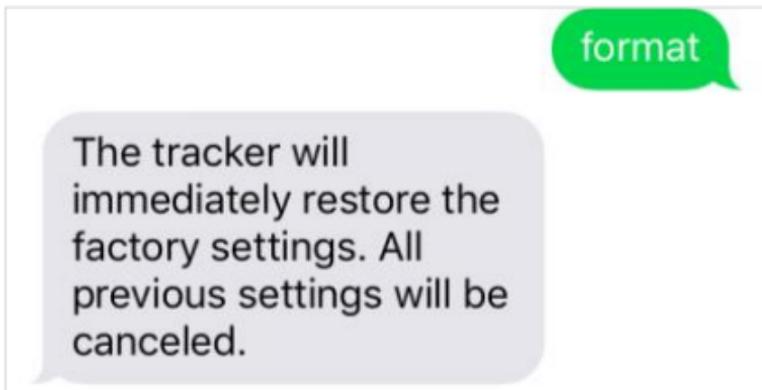
5.8 RESETTING TO THE FACTORY DEFAULTS

Send an SMS with the following:

„format“

to the EASY Finder 2.0. This restores the EASY Finder 2.0 to the factory setting. This operation can only be performed by the Admin number. The Admin number is then automatically deleted.

Example: „format“

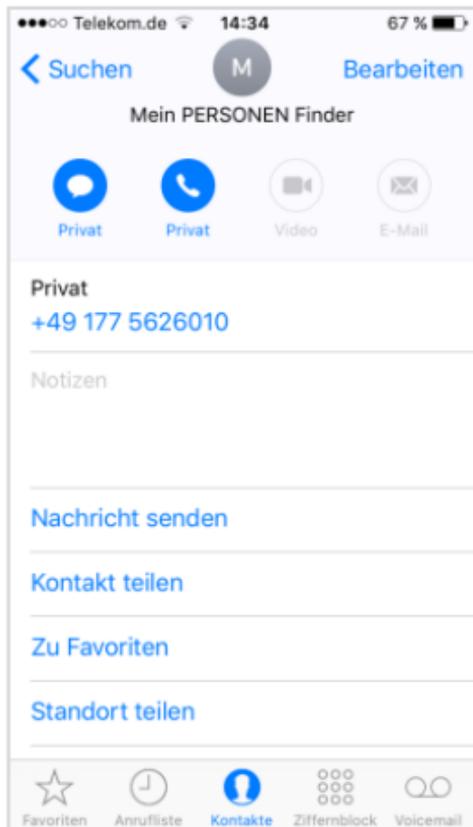


6 Machine setup and commands

Please note that the commands are **case-sensitive**. In addition, the quotes in the SMS are not to be sent. These are only for the purpose of the command. If you receive an error message, the command was not accepted. Please check your entries carefully, then try again.

Tip:

Save the phone number of the GPS Finder **as a contact** in your mobile phone. This allows you to quickly and easily send commands to your EASY Finder 2.0 and also perform a location query.



6.1 LOCATION REQUEST

With a call

If no authorized number is stored when the EASY Finder 2.0 is called, it transmits its **information by SMS** to the caller for each call. If an Admin number is stored, the EASY Finder 2.0 sends information exclusively to this Admin number.

The EASY Finder 2.0 will then answer the call. Afterwards, it sends an SMS with the GPS information. If the device does not answer to a call, please send an SMS containing the following:

„LAG1“

to the GPS-Tracker. This function will be consequently enabled.

By SMS

You can also send an SMS to the query.

Send an SMS with the content:

„G+password+#“

It then sends an SMS with the GPS information.

Example: „G123456#“

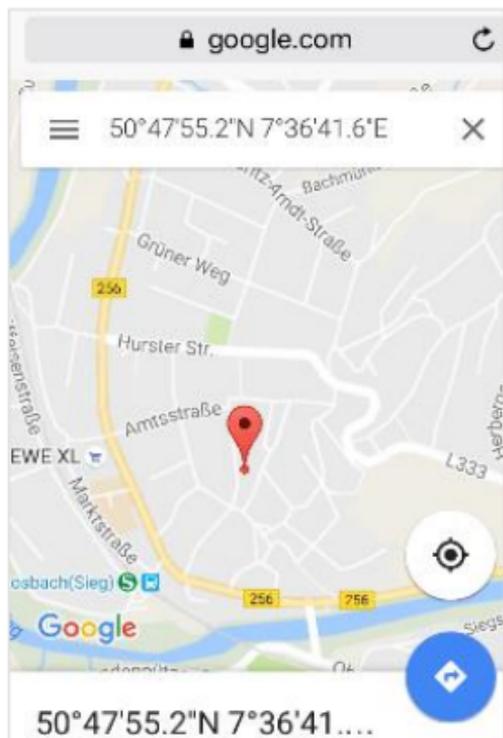
The SMS with the GPS information contains the following information:
Depending on the manufacturer / operating system, the view may vary.

Preview

G123456#

POS! <http://maps.google.com/maps?q=50.79871%2c007.61160> V:A,
2017-07-19 10:27:34 S:000km/h,Bat:40%,
[4106040859](#),S16G05;p:[26203](#),
l:[32601](#), c:[46608](#)

SMS CONTENT	MEANING
POS!	Position query
http://maps.google.com/maps?q=50.79885%2c007.61184	Direct link to the search using Google Maps
V:A	V:A GPS signal available; V:V No GPS signal
2017-07-19 10:27:34	The date will be displayed in the English format (19th July 2017)
speed: 001km/h	Speed in which the EASY Finder 2.0 moves. Due to the rotation of the earth and the influence of the weather, small deviations are possible. In addition, this may cause the GPS tracker to stop and display a speed between 0-5 km / h. This is completely normal due to measuring tolerances.
Bat:40%	Battery status
4106040859	IMEI number (device number)
S16G05;p:26203, l:32601, c:46608	Information about the cell phone



The geodata consist of latitude and longitude. Via the above link / Google-Maps-Display, you can directly have access to the current location of the device with an **internet-enabled** smartphone.

Example of a Google Maps image on the smartphone.

6.2 RADIUS ALARM

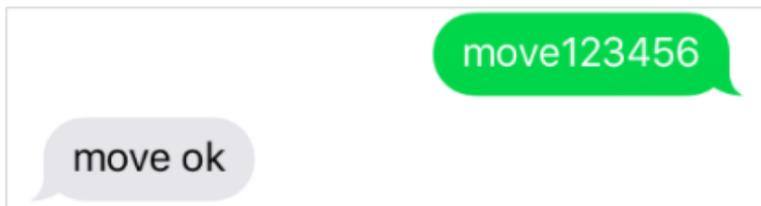
The EASY Finder 2.0 has the function of sending an SMS to the authorized numbers as soon as it leaves a **predetermined radius**.

SMS facility

Send an SMS with the content:

„move+Password“

Example: „move123456“



to the EASY Finder 2.0. This answers with "move ok". Afterwards, the EASY Finder 2.0 must not be moved for **10 minutes** at the point to activate an alarm radius of 500m. If

the GPS Tracker leaves this area after the activation, the alarm is triggered.

In case of alarm, an SMS with the content

move alarm!+information“

will be sent to the authorized number.

If you want to modify the radius, please send the following message:

Example: „move0300“

0300 complies with 300 meters. Please make sure that the radius is not too small, in order to prevent a false alarm. We recommend leaving the setting of 500 meters. Please also ensure that the number always has four digits. The Finder answers

"OK! Move alarm: on "

If the alarm was triggered once, then this function is set to the **wait state**. After the

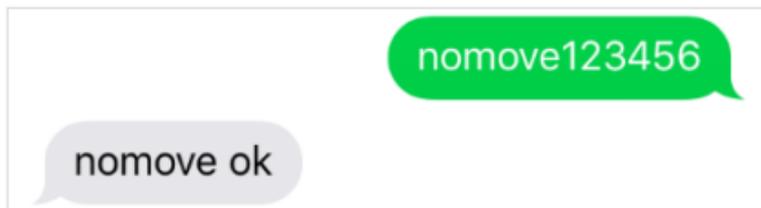
GPS tracker has not been moved for 10 minutes, the alarm will automatically turn on again. The radius comes back to the position where the GPS tracker stays for 10 minutes. If the GPS tracker then leaves this area, you will receive an alarm message again.

Delete the function:

Send an SMS containing

„nomove+password“

Example: „nomove123456“



To avoid false alarms, the device reacts only after approximately 500 meters and after about 3-10 minutes.

If you want a faster feedback during a vibration, we recommend the vibration alarm (see point 6.4).

6.3 ALARM FOR OVER SPEEDING

This function allows you to send an SMS to the authorized numbers when exceeding a certain speed.

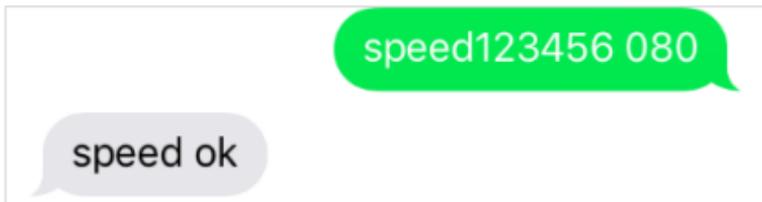
Facility:

Send an SMS containing

„speed+password white space 080“

to the EASY Finder 2.0, if you want to enter a limit of 80 km / h.

Example: „speed123456 080“.



If the speed is exceeded, the EASY Finder 2.0 sends the following SMS to the authorized numbers:

„speed alarm!+informations“

The minimum speed must be 050 (50 km / h). Please also ensure that the number is three digits.

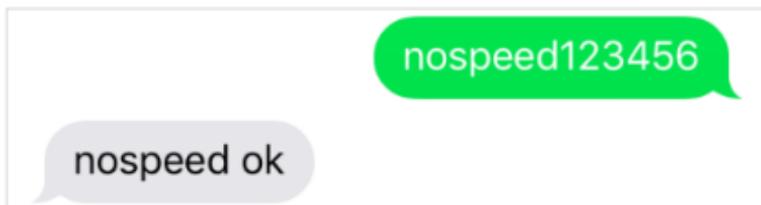
Delete the function

Send an SMS containing

„nospeed+password“

Example: „nospeed123456

to the EASY Finder 2.0.



6.4 SHOCK ALARM

The EASY Finder 2.0 is equipped with a **shock sensor**. In the event of a movement of the EASY Finder 2.0, you will be notified immediately by SMS.

Once the alarm is triggered, this function is set to a **wait state**. After the GPS tracker has not been moved for 10 minutes, the alarm will automatically turn on again. If the GPS tracker is then moved again, you will receive an alarm again.

SMS facility

In order to receive an alarm SMS in case of a shock, please send an SMS with the content:

„vibalm+password“

Example: „vibalm123456“

Afterwards, the EASY Finder 2.0 must not be moved for 10 minutes at the point to be set so that the shock alarm is activated.

Delete the function

To disable the vibration alarm, send an SMS with the content:

„novibalm+password“

Example: „novibalm123456“

6.5 STANDBY MODE

To save **energy** and extend the **runtime**, the finder can be set to standby mode

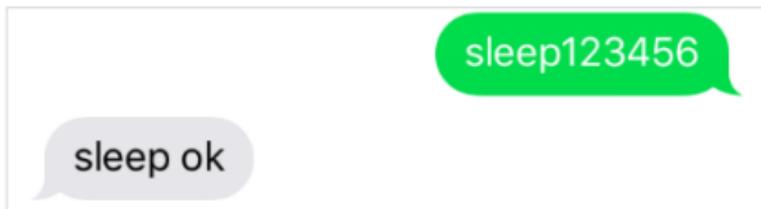
SMS facility

Send an SMS containing:

„sleep+password“

to the EASY Finder 2.0. This answers with "sleep ok". The EASY Finder 2.0 turns off the GPS signal. Now only the GSM signal is available. If you now query the Finder, it is activated again and finds a GPS signal.

Example: „sleep123456“



Please note that the GPS data can not always be exact immediately after the standby mode. Wait a moment and ask the EASY Finder 2.0 again to make the coordinates more accurate.

6.6 GPS-SIGNAL ON MOTION (RECOMMENDED SETTING)

You can set the GPS Tracker to search for a **GPS signal** as soon as it is moved. If the GPS tracker is not moved, the GPS module turns off and the **power consumption is reduced**.

With this setting, the GPS signal is improved when moving, but electricity is saved when the GPS tracker is not moved.

Please send an SMS with this content:

„sleep+password white space shock“

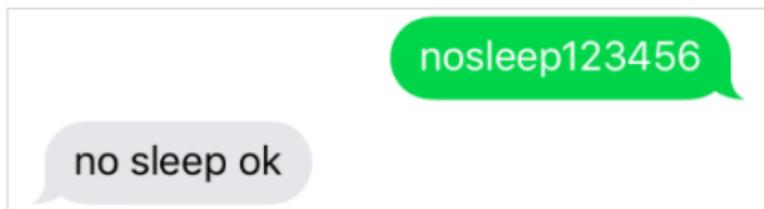
Example: „sleep123456 shock“

Delete the function:

In order for the EASY Finder 2.0 to reconnect to the GPS network again, please send an SMS with the content:

„nosleep+password“

Example: „nosleep123456“



6.7 SOS BUTTON

Place a telephone number to which the EASY Finder 2.0 will send an alarm in case of emergency.

Device:

Send an SMS with the content

**„sos+password white space
mobile phone number“**

in order to authorize a number.

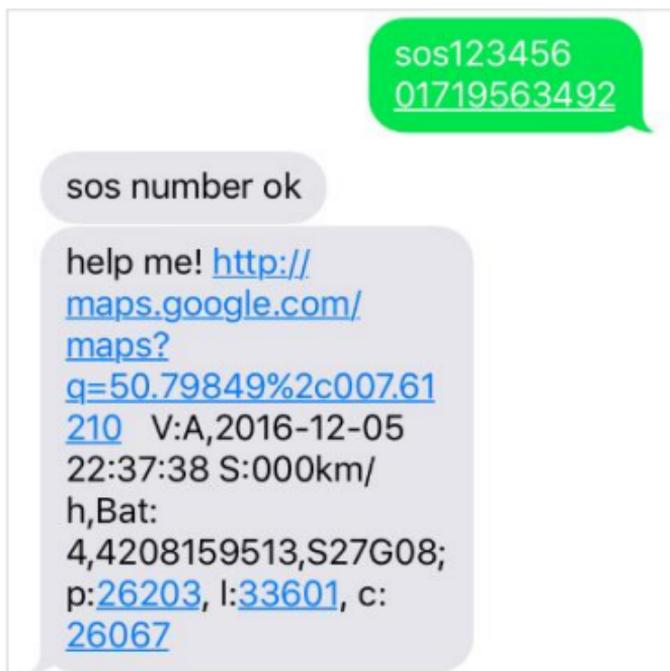
Example: „sos123456 01751234567“

This number is not the number of the SIM card, which is in the GPS tracker, but the call number, which is to receive the alarm!

When the **SOS button** on the EASY Finder 2.0 is pressed for **3 seconds**, the unit sends an SMS containing

“helpme!+information“

to all authorized numbers.



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6.8 LOW BATTERY POWER

If the finder's **battery performance** is reduced, the finder will send an SMS containing:

„lowbattery+information“

to the authorized numbers. This function is **permanent** and can not be removed.

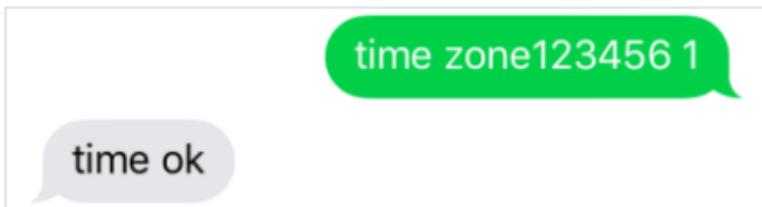
6.9 TIME ADJUSTEMENT

Depending on where the EASY Finder 2.0 is, it could be in a different time zone. Send an SMS containing:

„**time** white space **zone+password**
white space **time zone**“

to set the appropriate / desired time.

Example: „**time zone123456 1**“.



The value of the time for Germany is "1" or "2" during the summer time. On the homepage www.zeitzonen.de you can find more information about the timezone you are currently in.

6.10 THE MOST IMPORTANT COMMANDS IN THE OVERVIEW

FUNCTION	SMS INPUT	EXAMPLE
Factory setting	format	Format
Save authorized numbers	admin+password <i>white space</i> number	admin123456 015123456
Location request	G+password+#	G123456#
Change password	password+old password <i>white space</i> new password	password123456 654321
Radius alarm	move+password	move123456
SMS in case of vibration	vibalm+Contraseña	vibalm123456
Time adujstement	time <i>white space</i> zone+ password <i>white space</i>	time zone123456 1

	time zone	
Speed alert	speed+ password <i>white space</i> 080	speed123456 08 0
Standby mode	sleep+ password	sleep123456

A detailed description of the settings as well as the remaining commands can be found in the individual sub-items in the manual.

Please note that the commands are case-sensitive. If you receive an error message, the command was not accepted. Please check your entries carefully, then try again.

7 Frequently asked questions

(1.) What to do if the LED is continuously lit?

- ✓ Change location
- ✓ Check whether the PIN code request of the SIM card has been drawn up before it is inserted into the EASY Finder 2.0
- ✓ Charge the EASY Finder 2.0 directly over the long term using the charging cable and then switch it on again

(2.) Why do I receive an error message via SMS?

- ✓ Please note the uppercase and lowercase of the letters for the commands. Also the plus signs (+) and the quotation marks (") are not to be sent. If you receive an error message, the command was not accepted. Please check your entries carefully, then try again.

(3.) How do I reset the EASY Finder 2.0 to factory setting?

- ✓ See point 5.8.

- (4.) Do the quotes in the manual have to be sent as well?
- ✓ No! This only serves to confine the command.
- (5.) Do I have to set the line breaks shown in the displayed SMS too?
- ✓ No! Spaces in sent SMS can be displayed as line breaks. Please note the spelling in the example.
- (6.) Are there any differences in the use of the finder abroad?
- ✓ Yes! The format of the telephone number to which the alarms are to be sent must be adapted. For a detailed description and an example, see page 41.

8 Safety

Turning on

Do not switch on the unit if the use of GPS trackers is prohibited, it can cause interference or danger.

Interferences

In the case of mobile devices, malfunctions can result from interferences that can affect performance.

Turning off

Please note all bids and prohibitions and switch off the EASY Finder 2.0 immediately in danger areas. Furthermore, it should not be used near medical devices, fuels and chemicals, as well as in explosive areas.

Waterproof

The EASY Finder 2.0 is not protected against moisture and water. Please use and store it only in a dry environment.

Qualified customer service

The repair and installation of the EASY Finder 2.0 must only be carried out by qualified personnel.

Monitoring

It is punishable to monitor third parties without their consent by means of a GPS tracker.

9 Notes for the disposal of waste batteries

The following note is intended for those who use batteries or products with built-in batteries and are no longer reselling them in their form (end-users).

9.1 FREE WITHDRAWAL OF USED BATTERIES

Batteries must not be disposed of via household waste. You are legally obligated to return old batteries, so that a proper disposal can be ensured. You can dispose of old batteries at a local collection point or in the trade on the spot. As a distributor of batteries, we are also obligated for the withdrawal of old batteries, whereby our obligation only restricts to the type of waste batteries which we have led or managed as new batteries in our assortment. Old batteries of the type mentioned above can therefore be returned to us by paying for a

postage or delivered directly to our dispatch warehouse at the following address (free of charge):

PAJ UG (haftungsbeschränkt)

Am Wieschen 1

51570 Windeck

Germany

E-Mail: info@paj-gps.de

9.2 MEANING OF THE BATTERY ICONS

Batteries are marked with the symbol of a crossed-out bin (see illustration below). This symbol indicates that batteries must not be disposed of with household waste. In the case of batteries containing more than 0.0005% by weight of mercury, more than 0.002% by weight of cadmium or more than 0.004% by weight of lead, the chemical name of the particular pollutant used is also underneath the refuse bin symbol. The abbreviation "Cd" means cadmium, "Pb"

stands for lead, and mercury is abbreviated with "Hg".

CE

FC



RoHS





10 PAJ location portal

10.1 REGISTER PORTAL ACCESS

Secure your access

**SIMPLE, CONVENIENT and
PROFESSIONAL**

In order to easily track your GPS station online, we have developed a location portal for you. For example, here you can request the position in intervals, set up a geo-fence and much more.

Our location portal can be found directly in our shop:

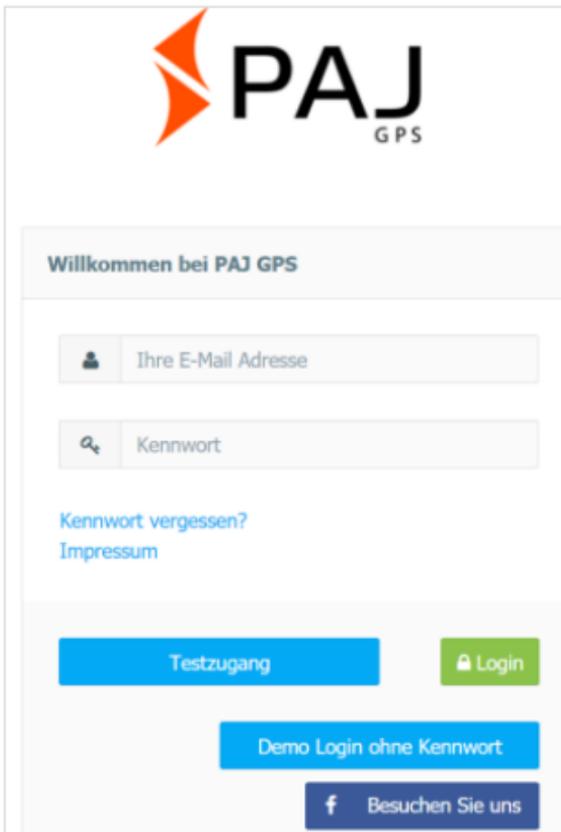
» WWW.PAJ-GPS.DE »

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- ✓ If you do not have access yet, you can also test our location portal for **14 days without obligation and free of charge.**
- ✓ On the following pages, we will describe in detail how you have to proceed in order to use your GPS tracker with the location portal.

- (1.) Go to the following website and click on "Test access"

» **PORTAL.PAJ-GPS.DE** »



The screenshot shows the login interface for PAJ GPS. At the top is the PAJ GPS logo, consisting of an orange stylized arrow pointing right and the text "PAJ GPS". Below the logo is a grey header bar with the text "Willkommen bei PAJ GPS". The main content area contains two input fields: the first is labeled "Ihre E-Mail Adresse" with a person icon, and the second is labeled "Kennwort" with a magnifying glass icon. Below these fields are two links: "Kennwort vergessen?" and "Impressum". At the bottom, there are four buttons: a blue "Testzugang" button, a green "Login" button with a lock icon, a blue "Demo Login ohne Kennwort" button, and a dark blue button with a Facebook icon and the text "Besuchen Sie uns".

IMEI = Device number on the GPS Finder
(under the bar code)

- (2.) Please fill in the form for the registration of your test access
- (3.) You will then receive an e-mail in which we confirm the creation of the access.
- (4.) In this e-mail, you must click on the activation link to ensure that you have requested access.
- (5.) You will also receive your username and password in the same e-mail. Here you can login directly at portal.paj-gps.de/mobil.

Example:

Dear Mr. Mustermann,

Your PAJ GPS portal access has been set up.

Before you can use your account, you must confirm the reception of this e-mail.

Please click on the following link:

<http://portal.paj-gps.dexxxxxxxxxxxxxxxxxxx>
You need to confirm this link in your e-mail.

After that, you can get the following access data at the address Portal.paj-gps.de/mobil.

Your username is: [Your email address]

Your password is xxxxx

- (6.) Before you can connect the GPS tracker to the location portal, you must ensure the following points:
- ✓ You have already activated the SIM Card
 - ✓ You have disabled the request of a PIN Code
 - ✓ Insert the SIM card into a mobile phone. Use the security setting on your mobile phone to deactivate the SIM card's general PIN code query. For details, please refer to your phone's user manual.
 - ✓ Your SIM card has a data volume

- ✓ For example, for SIM cards of: Blue, Netokom, O2 and Alditalk, this is usually given automatically. For SIM cards from Congstar, Telekom or Vodafone, you usually have to open it again manually.
- ✓ The SIM card is inserted into the finder as intended.
- ✓ The FINDER is switched on or connected to the external power supply.

10.2 CONNECT YOUR EASY FINDER 2.0 WITH THE LOCATION PORTAL

We have prepared the following configuration commands for you. Please send these commands by SMS to your locating device in the given order.

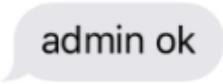
SET ADMIN TELEPHONE NUMBER

admin123456 01751234567

Instead of the 01751234567 please call the phone number of your mobile phone. Please make sure that you DO NOT take the phone number of the SIM card that you inserted into the FINDER.



admin123456
01751234567



admin ok

SET THE PORTAL SERVER ADDRESS AND THE PORTAL SERVER PORTS

adminip123456 82.223.7.208115

adminip123456
82.223.7.208115

adminip ok

SET APN DATA

Please remember that the details APN_NAME, APN_PASSWORT and APN_BENUTZER are exemplary and must be adapted to the SIM card you are using. In the following three illustrations, we have stored the data of Blau.de as a sample. In the table beginning on page 96, you will find an overview of the possible APN data that suit you.

apn123456 APN_NAME

Through the APN, the GPS tracker knows which network provider must send the data to the location portal. With the respective APN you define the network access point.

apn123456
internet.eplus.de

apn ok

apnuser123456 APN_USER

apnuser123456 eplus

apnuser ok

apnpasswd123456 gprs

apnpasswd123456 gprs

apnpasswd ok

**SWITCH GPS TRACKER IN GPRS
MODE**

gprs 1

gprs1

OK! GPRS ON!

SET STAND-BY MODE

sleep132456 shock

sleep123456 shock

sleep shock ok

SET THE SENDING INTERVALS IN MOVEMENT

run,60

run,60

OK!acc on GPRS
Reptime: 60S

SET THE SENDING INTERVALS WHEN STATIONARY

stop,60

stop,60

OK!acc off GPRS
Reptime: 60S

If you set different settings or exchange the above-mentioned information, we can no longer ensure a smooth communication with our positioning portal servers.

Product	Provider	APN	Username	Password
Blau Netzclub, kostenlos 1&1	Blau	internet.eplus.de	eplus	gprs
	Netzclub	pinternet. interkom.de	not required	not required
Notebook Flat	1&1	mail.partner.de	not required	not required
Simyo	Simyo	internet.eplus.de	simyo	Simyo
Congstar	Congstar	internet.t-mobile	tmobile	Tm
Telekom Vertrag	Telekom	internet.t-mobile	tmobile	Tm
Telekom Prepaid	Telekom	internet-t-mobile	tmobile	Tm

Aldi Talk	Aldi	internet.eplus.de	eplus	gprs
NettoKOM	Netto	internet.eplus.de	nettokom	Nettokom
n-tv go!	n-tv	gprs.gtcom.de	not required	not required
ePlus	ePlus	internet.eplus.de	eplus	Eplus
Vodafone	Vodafone	web.vodafone.d e	not required	not required
Fyve	Fyve	web.vodafone.d e	not required	not required
Tchibo	Tchibo	wapmobil1	not required	not required
Alice	Alice	internet.partner1	not required	not required
O2 Vertrag	O2	Internet	not required	not required

O2 Prepaid	O2	pinternet. interkom.de	not required	not required
Tele Ring	Tele Ring	Web	not required	Web
A1	A1	A1.net	not required	Ppp
yesss!	yesss!	web.yesss.at	not required	Pp
One Orange	One Orange	web.one.at	web	Web
Bob	Bib	bob.at	data@bob. at	Ppp
Drei	Drei	drei.at	not required	not required
Sunrise.ch	Sunrise.ch	Internet	not required	not required

- (7.) If all this has worked, you will receive a confirmation by e-mail in the next step

Example:

Dear Mr. Mustermann,

We are pleased to inform you that your locating device with the IMEI number 123412341234 has just transferred a first data record to our locating servers. This means that you can now log on as required with the access data you have already sent.

- (8.) Then you can use the location portal with its numerous functions.



If you want to use the location portal beyond the test phase, you can simply extend this via our shop.

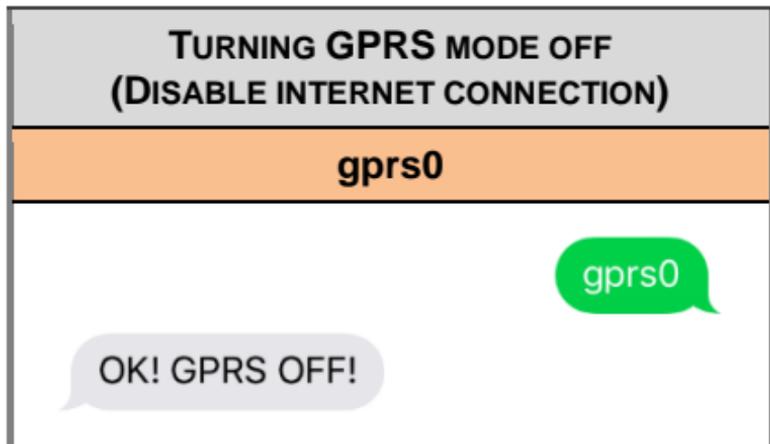


Here is the shop:
» WWW.PAJ-GPS.DE »

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10.3 DEREGISTRATION/DISCONNECT THE INTERNET CONNECTION

If you want to interrupt or disconnect the data transmission of your EASY Finder 2.0 to the positioning portal, you can do this by switching off the data connection (switch off GPRS mode).



10.4 TEST ACCESS AND PERMANENT USE OF THE PORTAL ACCESS

The test access offered by us gives you an insight into all the functions and areas of the PAJ positioning portal. This version is free and limited to 14 days. After this deadline, the free test access will be terminated automatically.

For the permanent use of the PAJ location portal, you can create an individual access according to your needs in our shop (page 101).



Do you have questions?

Simply contact us,
We are here to help you!

PAJ UG (haftungsbeschränkt)
Am Wieschen 1
51570 Windeck
Germany

Mail: info@paj-gps.de
Phone: +49 (0) 2292 39 499 59
Web: www.paj-gps.de

Best regards,
Your PAJ team

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