



**USER MANUAL  
EASY FINDER**



**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/downloads-anleitungen.de](http://www.paj-gps.de/downloads-anleitungen.de)**

You can display the file in any size and even search for individual keywords. Ist Ihnen diese Anleitung zu klein?



## 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

# 1 Quick guide EASY Finder

## 1. PREPAIR SIM CARD

- ⇒ Insert your SIM Card in a common mobile phone
- ⇒ Turn off the PIN code check
- ⇒ Switch the mobilebox off
- ⇒ Remove the SIM card from the mobile phone

## 2. MAKE YOUR EASY FINDER READY

- ⇒ Insert the SIM card from the top into the EASY Finder
- ⇒ golden contacts face inwards
- ⇒ The chamfered edge points to the upper left
- ⇒ Fully charge the EASY Finder's battery using the charger



⇒ Insert the fully charged battery into the EASY Finder

### 3. START EASY FINDER

⇒ Place the EASY finder in an uncovered place, e.g. garden or terrace

⇒ After inserting the battery, the EASY Finder turns on automatically.

### 4. MEANING OF THE LED LIGHTS

<b>LED lights</b>	<b>Meaning</b>
flashes every 2-3 seconds	GSM signal available
flashes twice, short pause, flashes again 2x, short pause, etc.	GSM and GPS reception available
lights constantly	No signal available

## 5. LOCATION QUERY

- ⇒ Call Easy Finder
- ⇒ The call is automatically turned off
- ⇒ The EASY Finder sends an SMS to the calling mobile phone
- ⇒ The link in the SMS leads directly to the location query in Google Maps
- ⇒ If you do not have an internet-enabled mobile phone, enter the coordinates manually via a PC or similar on Google Maps

For more detailed information, please read the full instructions on the following pages.

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



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## 2 Scope of delivery

### EASY Finder

- Two 3.7V 1000mAH Li-ion batteries
- Charging cable
- Charging cradle
- Bag with holder for protection against splashing water
- Second cover with inserted magnets
- User Manual

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/downloads-anleitungen](http://www.paj-gps.de/downloads-anleitungen)**



### 3 Grounds

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

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 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 provider.

#### ATTENTION:

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.

## 4 Starting up

### 4.1 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 when you are providing your call number with a call. Switch on the number transmission (also caller ID) of your mobile phone

## 4.2 INSERTION OF THE SIM CARD

Insert the SIM card into the EASY Finder. The contacts of the SIM card must face inwards. If the GPS Tracker is located in front of you as shown below, the chamfered edge of the SIM card (as shown) must be at the bottom left.

In order to insert the SIM Card deeply enough, please use a sharp object. Please ensure that the contacts are correctly positioned.

- ✓ The SIM card must be in the standard size



- ✓ Insert the SIM card from the left side

*(The contacts must face inwards and the oblique edge should be on the bottom left)*

- ✓ Please ensure the correct position of the SIM card



### 4.3 SD CARD COMPARTMENT

This has no function in the EASY finder. The EASY Finder has the same hardware as the GOLD Finder, but a different software.

### 4.4 LOADING

Before the first use, charge the battery for about eight to twelve hours. Please do not leave the battery completely empty and charge it in time. A longer lifetime of the batteries can be guaranteed only in this way.

### 4.5 LAUNCHING THE PRODUCT FOR THE FIRST TIME

Make sure that the battery and the SIM card are correctly inserted.

The EASY Finder takes approximately 90 seconds to establish contact with the GPS and GSM signals for the first time. The LED light will begin to flash.



<b>LED lights</b>	<b>Meaning</b>
flashes every 2-3 seconds	GSM signal available
flashes twice, short pause, flashes again 2x, short pause, etc.	GSM and GPS reception available
lights constantly	No signal available

If GSM and GPS signals are available, continue with point 5.

If the EASY finder does not receive a signal, first check the functionality of your SIM card. 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, we recommend places that are not covered, such as the garden or terrace (not in the apartment, garage, cellar or similar).

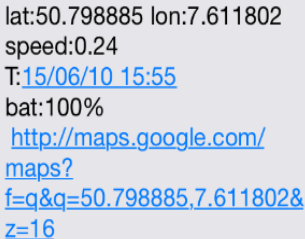
Please note that in some locations, there is not enough GSM signal from the respective network provider.

## 5 Commands

Please note that all commands sent to the EASY Finder are written in lowercase. If you receive an error message, the command was not accepted. Please check the entries carefully and then repeat the procedure.

### 5.1 LOCATION REQUEST

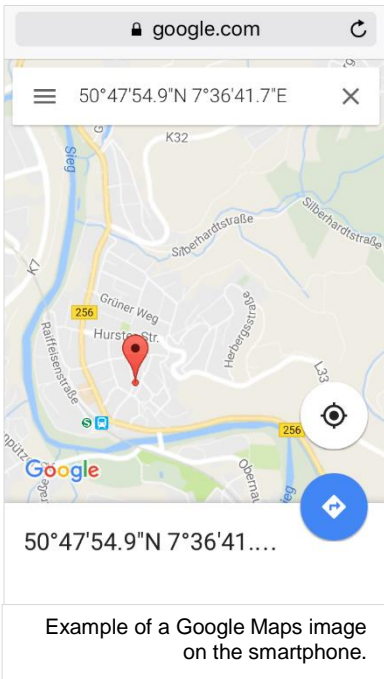
Call the EASY Finder by selecting the mobile phone number of the SIM card, which you have already inserted as described in section 3.2. It answers the call and automatically ends the call. Subsequently, he sends an SMS to the caller in this format:

A light blue rounded rectangular box containing text representing an SMS message. The text includes location coordinates, speed, time, battery level, and a Google Maps URL.

lat:50.798885 lon:7.611802  
speed:0.24  
T:[15/06/10 15:55](#)  
bat:100%  
[http://maps.google.com/  
maps?  
f=q&q=50.798885,7.611802&  
z=16](http://maps.google.com/maps?f=q&q=50.798885,7.611802&z=16)

<b>Lat:50.798885</b>	Latitude
<b>lon:7.611802</b>	Longitude
<b>speed:0.24</b>	Speed in which the EASY finder 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.
<b>T:15/06/10 15:55</b>	The date will be displayed in the English format (10th June 2005).
<b>bat.100%</b>	Battery Status
<b><a href="http://maps.google.com/maps?f=q&amp;q=50.798885,7.611802&amp;z=16">http://maps.google.com/maps?f=q&amp;q=50.798885,7.611802&amp;z=16</a></b>	Direct link to the search using Google Maps

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.



If you do not have an SMS flat rate, SMS costs can be charged.

## 5.2 NO GPS SIGNAL

If your EASY finder has not received a GPS signal yet and you call it for the location request, then this will send you the old coordinates as well as the mobile cell. With these data, you can go to the police in an emergency in order to carry out an evaluation. If the transmitted GPS data is

Last:  
lat:50.798372  
lon:7.611558  
T:20:12  
[http://maps.google.com/  
maps?  
f=q&q=50.798372,7.611558&  
z=16](http://maps.google.com/maps?f=q&q=50.798372,7.611558&z=16)  
Now:  
Lac:164 e60a  
T:  
bat:100%

inaccurate, please call the EASY Finder again after 3 minutes. This makes the signal more precise.

SMS CONTENT	MEANING
Last:	Last coordinates
Lat:50.798885	Latitude
lon:7.611802	Longitude
<a href="http://maps.google.com/maps?f=q&amp;q=50.798885,7.611802&amp;z=16">http://maps.google.com/maps?f=q&amp;q=50.798885,7.611802&amp;z=16</a>	Direct link to the search using Google Maps with the old coordinates
T: 15:55	Time
Now:	current
Lac:164 e60a	mobile cell
T:	Time is not specified here
Bat.100%	Battery status

If you do not receive a GPS signal several times, please check the location. This should not be roofed. A suitable location would be, for example, the garden or the terrace (not in the apartment, garage, cellar or similar). Please note that in some locations, there is insufficient GSM signal from the respective network provider.

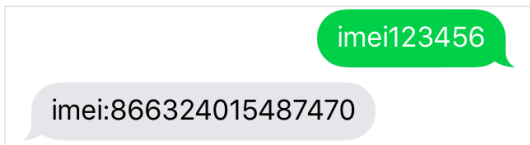
### 5.3 IMEI CHECK

Send an SMS with the content

**„imei123456“**

to your EASY Finder to find the IMEI number.  
This is used to identify the device.

**Example: imei123456**



### 5.4 TIME ADJUSTEMENT

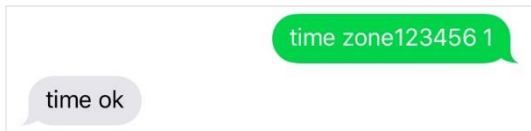
Depending on where the EASY Finder is, it could be in a different time zone. Send an SMS containing:

**„time white space zone123456white 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](http://www.zeitzonen.de)** you can find more information about the timezone you are currently in.

## 5.5 RESETTING TO THE FACTORY DEFAULTS

Send an SMS with the following:

**„begin123456“**

to the EASY Finder. He responds with "**begin ok**" and resets to the factory setting. Now you can start working again on the EASY Finder.

**Example: „begin123456“.**



## 5.6 INSTALLATION INSTRUCTIONS FOR THE KZF CHARGER CABLE 6-36V (*OPTIONAL - NOT INCLUDED IN THE STANDARD SCOPE OF DELIVERY*)

We offer you the possibility to attach the EASY Finder to a car, motorbike, boat or scooter with a car charger cable (voltage converter). This eliminates the need to charge the EASY Finder's battery manually. The car charger cable is not included in the scope of delivery for the simple design of the EASY Finder, but can also be ordered directly at [www.paj-gps.de](http://www.paj-gps.de) or directly at our website.

To avoid damage to the vehicle or the EASY finder due to incorrect current, the car charger cable is equipped with a standard fuse. If it happens that this fuse blows once, then you can simply order a new one from us in the shop under the category Accessories.

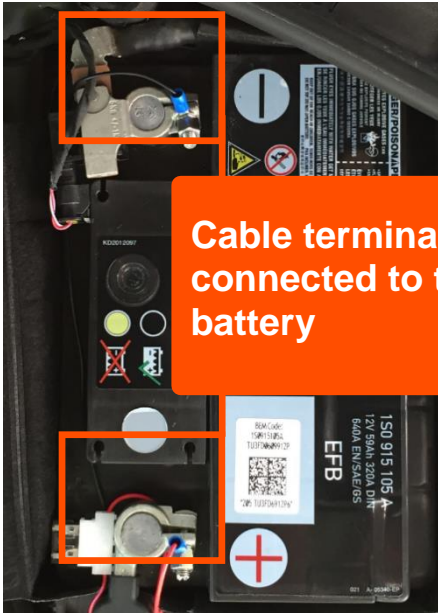
The voltage converter is connected directly to the battery. Should you install the EASY Finder in connection with the voltage converter, for

example, in the engine compartment of the car, we recommend the additional use of a small protective box. Please always observe the manufacturing requirements of your vehicle during installation. Claims for replacement due to incorrect connections are hereby excluded.

The fact that the EASY Finder is connected directly to the battery makes it possible to discharge the vehicle battery. In order to prevent this, please check whether your vehicle has a discharge protection and equip it if necessary.

## Installation:

Connect the voltage transformer to the battery (6-36V) using the cable clamps.



Important:

The red line with the fuse is plus (+).

The black line without the fuse is minus (-).

The poles must never be interchanged.  
Otherwise, damages to the charger cable and  
EASY finder may occur.

Ensure that the voltage transformer is not installed near fuel lines or other combustible objects in the engine compartment. We recommend the PAJ protection box for this.

Fasten the voltage transformer or the protective box so that no other components in the vehicle are damaged or disrupted.

## 5.7 THE MOST IMPORTANT COMMANDS IN THE OVERVIEW

FUNCTION	SMS INPUT	EXAMPLE
Factory setting	begin+Passwort	begin123456
IMEI check	imei+Passwort	imei123456
Time setting	time+Leerzeichen+ zone+Passwort+ <i>white space</i> + Zeitzone	time [ ] zone 123456 [ ] 1

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.

## 6 Frequently Asked Questions (FAQ)

### (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
- ✓ Charge the EASY Finder 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 to factory setting?

✓ See point 5.6.

(4.) Do the quotes in the manual have to be sent as well?

✓ No! This only serves to confine the command.

(5.) Can the charging cable be connected directly to the EASY Finder?

✓ Yes! The battery does not have to be charged with the charging tray.

(6.) Why can not the EASY Finder be turned off?

✓ While the EASY Finder is searching for a GPS signal, it can not be turned off. If you want to switch the EASY Finder off, please remove the battery.

(7.) Why does the LED light turn off after 5 minutes?

- ✓ If the EASY finder is not used for about five minutes, the finder automatically switches to standby mode. This means that the LED light is no longer lit. The EASY Finder turns off the GPS signal, but keeps the GSM network upright. This process can save battery power. If you then call the EASY Finder or send an SMS, the EASY Finder will switch back on automatically. The LED light turns on and the EASY Finder will then search for a GPS signal.

(8.) What is the SD card slot?

- ✓ The SD card slot has no function with the EASY Finder. The EASY Finder is based on the same hardware as the "GOLD Finder", but with a different software.

## 7 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 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 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 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.

## 8 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).

### 8.1 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

### 8.2 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"



# **RoHS**

EASY Finder v.1.1ENG  
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**Do you have questions?**

Simply contact us,  
We are here to help you!

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Best regards,  
Your PAJ team