PAJ GPS

POWER FINDER



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Thank you for purchasing our FINDER!

Before starting:
Read the instructions carefully, before using the FINDER for the first time. Please keep this user manual in a safe place in case you may need it in the future.

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NOTE!
We update our user manuals on a regular basis, in order to keep them up to date. The latest version can be viewed at any time at:
paj-gps.com/finder

POWER Finder 4G by PAJ V 2.1 EN

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1.1 Scope of delivery

Your delivery will include:

- PAJ POWER Finder 4G
- USB charging cable
- USB wall plug
- M2M SIM card*



*the M2M SIM card is already inside your FINDER and is not replaceable.

1.2 Product description



NOTE!
To activate, you need the device ID. Please have it ready or write it down.



1.3 Instructions for charging

You should fully charge the FINDER before using it for the first time. Please proceed as follows.



1. Connect the supplied charging cable to the USB-C port of the FINDER.



2. Connect the other end of the charging cable to the USB port of the enclosed wall plug adapter.

(If no wall plug adapter is included, you can use any USB wall plug).

3. Plug the USB wall plug adapter into a power socket.





4. Wait for the end of the charging process. The unit is fully charged when the red LED goes out, see „1.9 Meaning of the LED lights" of this manual.

NOTE!

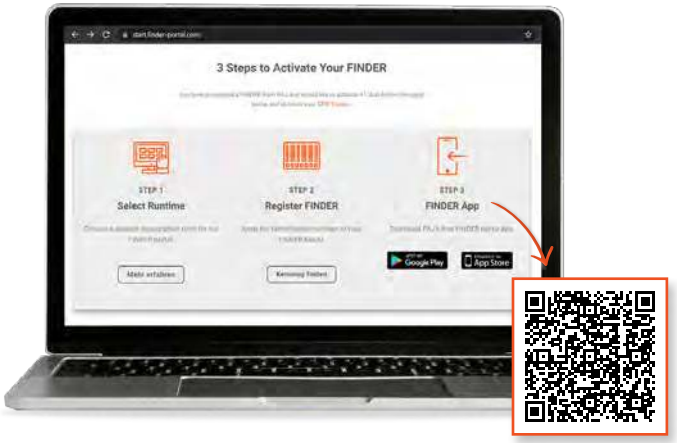
In rare cases, the LEDs do not indicate that the FINDER is fully charged when charging for the first time. If the LED lights still do not indicate the end of charging after 10 hours of charging, please disconnect the FINDER from the power supply and start using it. Then simply check the battery level in the FINDER-Portal.

The POWER Finder 4G offers a battery life of approx. 90 days, without charging in between! However, it should be noted that the runtime depends on the utilisation. The more the device is moved and the more alarms are sent, the higher the utilisation.

1.4 Activation

In order to use your POWER Finder 4G, you will need to previously activate it online. Enter the following link and follow the instructions:

start.finder-portal.com



1.5 Start-up

When the activation is successfully, you can start the POWER Finder 4G. The on/off switch is located under the protective flap.

Switch on:
To turn the FINDER on, slide the switch to the **right**. The LEDs then flash for 5 seconds. For information regarding the LED lights, see section „1.9 Meaning of the LED lights".

Switch off:
Slide the switch to the **left**. The FINDER then switches off.



NOTE!
We recommend that after you start your device for the first time you move it in an open space (for example during a walk or a short car ride). This can speed up the connection process, meaning that your device will connect to the best available network more quickly. A good network connection is required in order for the device to send and log data in the FINDER Portal.

1.6 Use



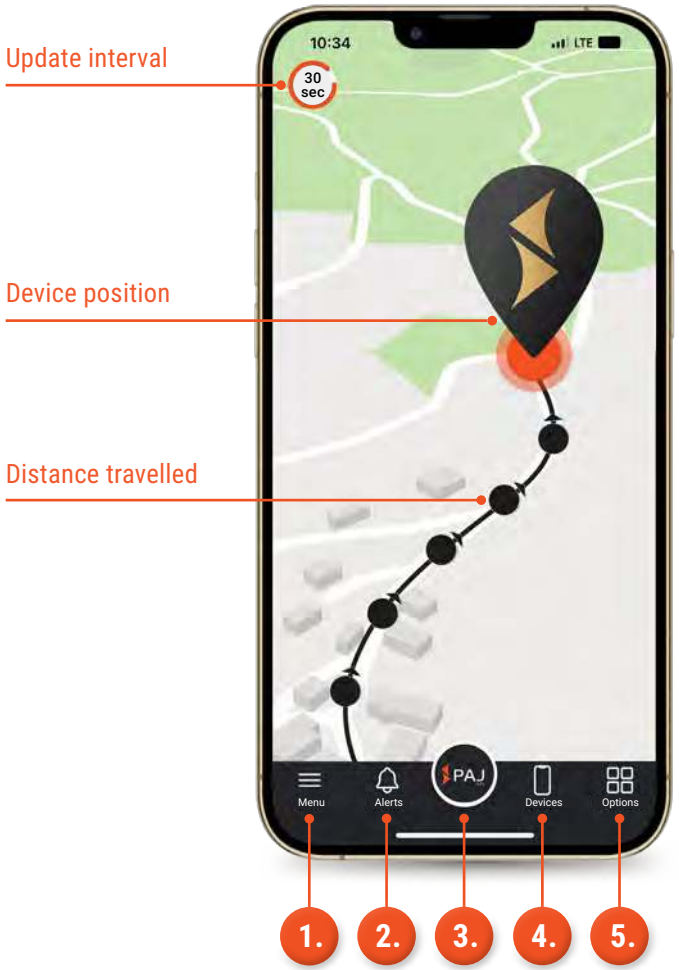
As soon as your device has been successfully activated, started up and has sent and logged data for the first time, you can place it wherever you choose and use your phone, tablet or PC to start tracking it! You will be able to do this in our App or enter the following link to the desktop version:

v2.finder-portal.com

Download on the App Store

GET IT ON Google Play

1.7 Short description FINDER-Portal



1. Application menu
View statistics,
device settings,
application settings,
alert summary,
extra features e.g.
logbook etc.

2. Alert notifications
View unread notifications

3. PAJ Logo
Update page/refresh

4. Device list
Overview devices,
alert settings,
travelled routes,
customize device display

5. Options
Map view options

Detailed instructions for the FINDER-Portal can be found on: **paj-gps.de/portal-anleitung**

or scan this QR-Code.

1.8 Standby mode and location update

By default, our devices send their position to the FINDER portal every 30 seconds, so you can always see the current location there.

What is the standby mode?

As soon as the FINDER is no longer moved, standby mode is activated after a few minutes to save power. This suspends the update of the location for the duration of the standstill of the unit. In the FINDER portal, the standby mode is displayed as follows:



Nevertheless, the unit naturally remains on standby and still sends alarm messages. As long as the FINDER is in standby mode, only the data (time, battery status, etc.) of the last position before standby mode is displayed on the portal, as the position does not change during standby.

Online mode

At the latest, when the FINDER is moved again, the device automatically switches to active and sends its position to the portal again every 30 seconds.



Location update in standby mode

If the FINDER is in standby mode for a longer period of time, the unit will still send a new position to the portal at least every 24 - 26 hours.

1.9 Meaning of the LED lights

Orange LED - Network status



Signal	Meaning
The orange LED is on	Signal available
The orange LED flashes	No signal available
The orange LED is off	The GPS tracker is in standby mode or switched off

Red LED - Battery status



Signal	Meaning
The red LED is on (when attached to power supply)	The GPS tracker is charging
The red LED is off (when attached to power supply)	The GPS tracker is fully charged

Blue LED - GPS status



Signal	Meaning
The blue LED is on	GPS signal available
The blue LED flashes	No signal available
The blue LED is off	The GPS tracker is in standby mode or switched off

1.10 Alerts

Movement/Shock alert
Receive a notification as soon as your GPS tracker is either moved or shaken.

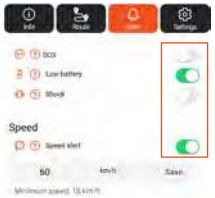
Geofence alert
Receive a notification as soon as your GPS tracker leaves your determined perimeter.

Speed alert
Receive a notification as soon as your GPS tracker exceeds a certain speed (you can set the speed limit in the FINDER Portal).

Battery alert
Receive a notification when your tracker's battery level is low.

Drop alert
Receive a notification as soon as the FINDER is lifted.

NOTE!
All alerts must be activated and deactivated via the FINDER-Portal. Once the alert is active you will receive a notification via the PAJ App and/or via email.



1.11 Technical data

Weight	280 g
Dimensions	118 x 67 x 37 mm
Battery time	standby: ca. 90 days / in operation*: ca. 40 days
Battery type	3.7 V / 10.000 mAh Li-ion
Charger	110-220 V, AC 50 Hz input 5 V/1A, DC output
Time to start	cold start: 3-5 min / standby: 1-3 min / in operation: 1-10 s
Network/Bands	LTE-FDD: B1/B2/B3/B4/B5/B7/B8/B12/B13/B18/B19/B20/B25/ B26/B28/B66 LTE-TDD: B34/B38/B39/B40/B41 GSM/GPRS/EDGE: 850/900/1800/1900 MHz
Network module	SIMCOM A7670G
GPS chip	AT6558R
GPS accuracy	up to 5 meters
GPS reception	-162 dBm
Storage temperature	from -30 °C up to +80 °C
Operating environment	from -20 °C up to +75 °C
Humidity	10 % up to 85 %
Water protection	splash-proof according to IP64

*in motion about one hour a day.

1.12 Safety Instructions

Signal words

The following signal words are used in these operating instructions:

NOTE!
This is a warning about possible damage to property.

⚠ WARNING!
This classifies a hazard of medium risk level. Failure to comply with the warning may result in serious injury.

Proper use

Please read the safety instructions for this PAJ FINDER, hereinafter only referred to as GPS tracker, carefully before use in order to be able to deploy it properly. The intended use is to employ the GPS tracker only as described in this manual to locate an object or a living being. Please bear in mind that it is a criminal offence to monitor third parties using a GPS tracker without their consent. If you use it in any other way, this is considered improper use and can lead to damage to property or even personal injury. Please note that the GPS tracker is not a toy for children. In other countries and regions there are different laws on digital positioning and localization of people, animals and/or objects. PAJ UG is not responsible if such laws or regulations are violated, this is the sole responsibility of the user.

NOTE!
The manufacturer and dealer accept no liability for damage caused by improper or incorrect use.

Safety

⚠ WARNING! RISK OF ELECTRIC SHOCK!

A faulty electrical installation or a mains voltage that is too high can lead to an electric shock.

- Before use, make sure that the mains voltage of the socket corresponds with the information on the type plate.
- To be able to disconnect the charging cable from the mains as quickly as possible in the event of a failure, connect the power supply unit where it is easily accessible.
- If you notice any visible damage to your GPS tracker or charging cable, do not use it.
- Use only the original parts supplied to charge the GPS tracker. If the charging cable is damaged, replace it only with original accessories from the manufacturer.
- Never place the GPS tracker near an open fire or hot surfaces.
- The GPS tracker is not protected against humidity and water. Please use and store it only in a dry environment.
- The charging cable should only be used indoors. Keep it away from humidity and do not kink it.
- Do not open the housing of the GPS tracker. Leave the repair to qualified specialists. However, if you carry out repairs yourself, connect the GPS tracker incorrectly or operate it incorrectly, liability and warranty claims are excluded.

Hazards for children and vulnerable people

⚠ WARNING! DANGER OF SUFFOCATION!

Please do not let people (including children) with limited physical, sensory or mental abilities use the GPS tracker. It is considered an exception if they have previously received instructions from a person responsible for their safety on how to use the device.

Please make sure that your child does not handle small parts (e.g. accessories, etc.). These can be swallowed and lead to suffocation.

NOTE!
Inform your child about the dangers and use of the GPS tracker.

The battery

⚠ WARNING! EXPLOSION AND FIRE HAZARD!

Below you will find information and instructions on how to use the battery:

- The GPS tracker runs by a lithium ions battery. It is not exchangeable and must not be removed or opened.
- Make sure that the GPS tracker (also when charging the battery) is kept away from heat sources and high temperatures, such as direct sunlight in a vehicle. Disregard of this instruction may result in destruction of the battery and overheating, explosion and fire.
- Only use the original accessories for the charging process. If the battery is charged otherwise, this may result in overheating, explosion or fire.
- Do not burn or pierce the GPS tracker. Protect it from mechanical damage.
- If a child swallows the battery, seek medical aid immediately!

Removing or replacing the battery:

- Contact our support if the battery needs to be removed or replaced.
- Send the machine to us to remove or replace the battery.
- For safety reasons, do not attempt to remove the battery. Failure to remove the battery properly may result in damage to the battery and unit, personal injury and/or compromise the safety of the unit.
- PAJ GPS shall not be liable for any damage or loss (whether in contract or tort, including negligence) arising from your failure to comply with these warnings and instructions.

⚠ WARNING! RISK OF CHEMICAL BURNS!

Batteries that leak due to damage can cause burns if they come into contact with the skin. Therefore, never open the battery. However, if the battery leaks, please wear protective gloves.

Electromagnetic compatibility

Please observe all rules and prohibitions and switch off the GPS tracker immediately in danger areas and if it might cause interference. Furthermore, it should not be used in the vicinity of, for example, medical equipment, fuels and chemicals, or in blasting areas. With mobile devices, malfunction due to interference may occur and affect performance. Transformers and very strong magnetic fields must be avoided. Otherwise there may be deviations in the transmission.

NOTE!
Failure to observe these recommendations may result in malfunctions or damage to the GPS tracker.

Cleaning

⚠ WARNING! RISK OF DAMAGE!

Below you will find information and instructions on how to clean the GPS tracker:

- Do not use aggressive cleaning agents or brushes for cleaning. Do not clean the GPS tracker with metallic cleaning objects (e.g. knife, metal sponge). This may damage the surface.
- Never put the GPS tracker in water, in a dishwasher (or the like) and do not use a steam cleaner.

Correct cleaning:

- The surface may be wiped clean with a slightly damped cloth.
- The GPS tracker should then be wiped dry completely.

Storage

If you are not using the GPS tracker for a lengthy period of time, turn it off. Place the tracker in its original packaging or in a carton of the same size. Protect the tracker from dirt and humidity.

NOTE!

Keep the FINDER away of children's reach in order to avoid possible damage to property or personal injury.

Declaration of conformity

Hereby, PAJ UG (haftungsbeschränkt) declares that the tracker, POWER Finder 4G, is in conformity with the Directive 2014/53/EU. The complete text of the EU Declaration of Conformity can be found at the following Internet address:
paj-gps.de/konformitaetserklaerung/

CE

Packaging disposal

Dispose of the packaging according to type. Throw cardboard and paper to the corresponding container. Foil belongs in the recyclables collection.

1.13 Disposal of used batteries

The following note is addressed to those who use batteries or products with products with built-in batteries and who will not resell them in the form in which they were supplied to them (end users).

Free recall of used batteries

Batteries must not be disposed of with waste. You are legally obliged to return used batteries so that proper disposal can be guaranteed. You can return used batteries to a local collection point or to your local retailer. As a distributor of batteries, we are also to take back used batteries, although our obligation to take back used is limited to the type which we carry or have carried as batteries in our range. Used batteries of the aforementioned type can therefore either be returned to us with sufficient postage or handed in directly to our dispatch warehouse at the following address free of charge:

PAJ UG (haftungsbeschränkt)
Hohe Straße 61
51570 Windeck
Germany
E-Mail: info@paj-gps.de

Meaning of the battery symbols

Batteries are marked with the symbol of a crossed-out dustbin (see illustration). This symbol indicates that batteries must not be disposed of in household waste. Batteries containing more than 0.0005% mercury by mass, more than 0.002% cadmium by mass or more than 0.004% lead by mass are also marked with the chemical name of the pollutant below the dustbin symbol. The abbreviation „Cd" stands for cadmium, „Pb" for lead and „Hg" for mercury.



1.14 Disposal of electric devices

The Electrical and Electronic Equipment Act (ElektroG) contains a large number of requirements for the handling of electrical and electronic equipment. The most important ones are summarised here:

1. Separate collection of WEEE
Waste Electrical and Electronic Equipment that has become waste is referred to as WEEE. Owners of WEEE must dispose of it separately from unsorted local waste. In particular, WEEE does not belong in household waste, but in special collection and return systems.

2. Batteries and accumulators
As a rule, owners of WEEE must separate spent batteries and accumulators that are not enclosed in the WEEE before handing them over at a collection point. This does not apply if the WEEE is handed over to public waste management authorities and separated from other WEEE there for the purpose of preparation for reuse.

3. Options for returning old appliances (WEEE)
Owners of WEEE from private households can hand it in to public waste management authorities or at the collection points set up by manufacturers or distributors as defined by the ElektroG. An online directory of collection and collection points can be found here:
https://www.ear-system.de/ear-verzeichnis/sammel-und-ruecknahmestellen.jsf

4. Data protection
Old equipment often contains sensitive personal data. This applies in particular to information and telecommunication technology devices such as computers and smartphones. For your own sake, please note that each end-user is responsible for deleting the data on the old equipment to be disposed of.

5. Meaning of the „crossed-out dustbin" symbol
The symbol of a crossed-out dustbin regularly displayed on electrical and electronic equipment indicates that the respective device must be separated from unsorted local waste at the end of its service life.



6. Manufacturer registration number
As a manufacturer, within the meaning of the ElektroG, we are registered with the responsible foundation Elektro-Altgeräte Register (Benno-Strauß-Str. 1, 90763 Fürth) under the following registration number: **DE33887550**

DO YOU HAVE ANY QUESTIONS?

In this case, please contact us
and we will be delighted to help you!

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Web: paj-gps.com

The PAJ GPS Team wishes you to enjoy your
POWER Finder 4G!

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