



GPS Outlook Setup Manual

Created by the team at FollowUs

A short documentation to get you started and setup with regards to the GPS Outlook.

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The GPS outlook....

Reports its location every 15 minutes to your email address when moving....

Overview

The GPS Outlook is a fully waterproof, low cost, advanced, GPS tracking system that is very simple to use.

The GPS Outlook differs from our GPS Box, and indeed any other GPS device available, because it reports a location every 15 minutes to your email address with map link, when moving. Simply click on the link and your pc will open free Google mapping giving you precise location down to street level mapping. With constant use the internal battery will last approximately 2/3 weeks before requiring a re-charge.

On an asset that does not move often, it will report a location twice a day and the battery will last for up to 6 months. Batteries will hold their charge for shorter periods of time in temperature extremes.

If you plan to put a tracking device on an asset such as your motorbike, Jet Ski or classic car and are happy to receive a location every 15 minutes when moving, then the GPS Outlook is ideal for you as it keeps its operational costs to a minimum. On receipt you configure the device to report to your email address.

Key features are as follows:-

- Internal rechargeable Lithium Ion Battery that will keep the device operational for a minimum of 2/3 weeks between charges, so fully portable from asset to vehicles with no need to install.
- Option to install/hardwired into vehicle or direct 12-24v power feed
- GPS Box is IP57 rated - waterproof - so can be used in outdoor environments with confidence.
- GPS Box reports a location every 15 minutes by email.

- No contractual tie-ins.

Detailed Specification

Hardware

- IP67 waterproof housing
- Renowned Deutsch™ DT enclosure
- Optional transparent casing
- Charger input plug
- Quad band GSM/GPRS modem
- High sensitivity Sirf III GPS engine
- Integrated antennae
- Impact detection
- On-board Lithium Polymer battery pack (2 years*)
- Multiple status LEDs
- One volt free relay output
- One digital input
- One analogue input

Features

- Sirf III GPS engine
- Configurable update rates
- GPRS/FTP Data transfer
- SMS/E-mail alerting
- Three dimensional accelerometer
- On board temperature sensing
- Over-the-Air upgrades
- RoHS compliant
- Battery condition alerting
- Rechargeable

Operating Temperature

- -40°C - +85°C

Dimensions

- H118mm x W133mm x D40mm

* Battery life subject to wake up rate

Quick Set-Up guide

How to configure the Device

Please ensure that the unit is powered on.

Email Configuration

To configure the email address that the GPS locations are sent to:-
Send the following Text Message to the number of the sim card that you have put in the unit from a mobile phone.

server=email, <Full email Address>, <Vehicle Reg > to sim telephone number

For example:-

Server=email,myname@myemail.co.uk,CM51 PAY

APN Configuration

Generally the unit will be programmed with the correct APN for the SIM, where purchased with a sim card.

If you chose to use your own UK sim card, then the GPS Outlook auto detects the O2, Orange and Vodafone SIMs from the UK and sets the APN accordingly. We recommend that you only use one of these UK sim cards.

If you deploy the device outside the UK, then you will want to use a sim card from that territory and you will need to set the API for the sim card you use.

To configure the APN , send the following Text Message to the unit>

apn=<Network APN>, <User Name>,<Password>,<SMTP address>

The username and password for the APN are provided by the network operator you have chosen and who's sim card you are using.

You will need the SMPT details from the Network as the GPS Outlook uses Network Provider's SMTP server for all email traffic that it sends.

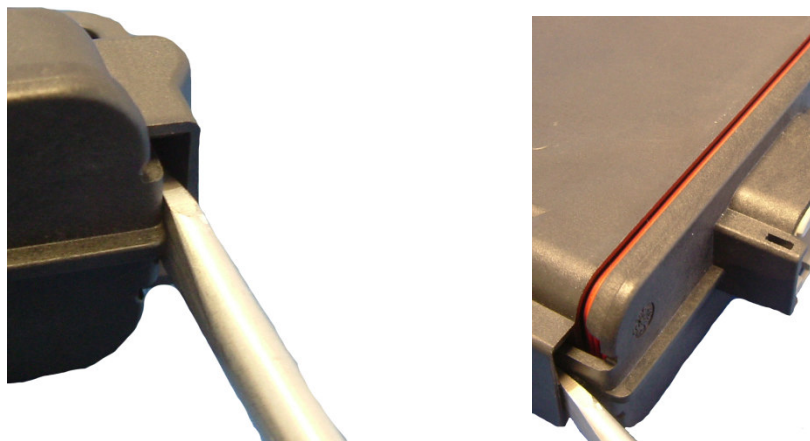
for example:-

To set the APN for O2 UK.

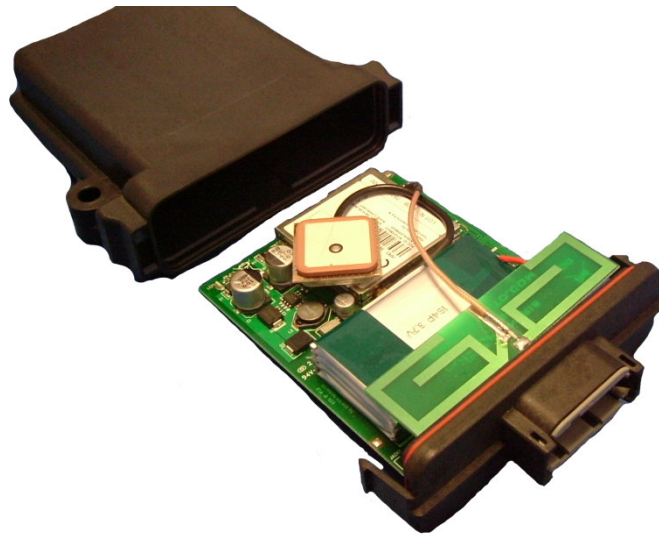
apn=mobile.o2.co.uk,mobileweb,password,smtp.o2.co.uk

To insert a sim card

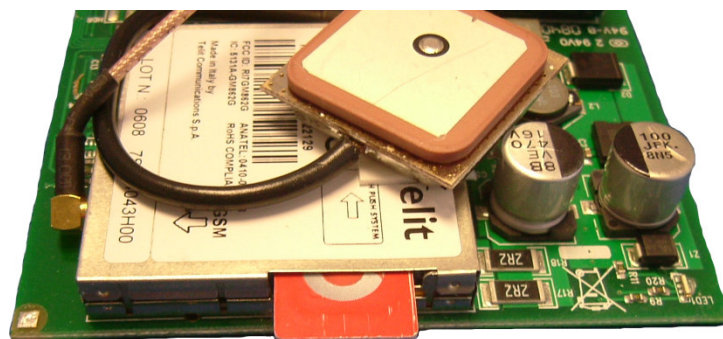
To insert a sim card you must first open the device. Simply insert a flat bladed screwdriver in each side of the device to press in the snap click and then very carefully pull the front of the housing away from the casing.



Completely pull the circuit board away from the housing



You now need to insert the sim card that you will find at the back of the unit. Make sure it is inserted correctly, otherwise it will not work.



How to Query the Configuration Settings

To confirm the settings, send the following message:-

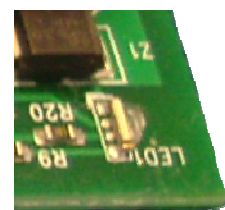
Qconfig

The unit will return a text messaging with its configuration settings

How to Check for Power, Network Registration and GPS Lock

Internal to the unit a tri-colour LED has the following meaning:-

- RED On - The unit has Power
- BLUE On - The unit Has a valid GPS Lock
- Green Flashing Every Second - unit NOT registered on a GSM network
- Green Flashing Every 4 Seconds - unit REGISTERED on a GSM network.



IMPORTANT NOTE:

The GPS outlook being registered on the GSM does not mean that it is registered on GPRS. Use the **Query** Command to confirm GPRS Registration.

General Causes for GPRS failures are due to incorrect APN settings.

How to set the Speed for Speeding Alert

Please note that this is pre-configured at 90 mph.

How to set the Excessive Driving Alert

Please note that this is pre-configured to 4 Hours

Charging

You can either charge using the cigarette connector attached to the wiring loom, or you can cut the cigarette adapter off and using the wiring loom to hardware install the device into a vehicle or asset.

The device will operate for approximately 3 weeks at a minimum between charging. When the battery falls below 50% capacity then battery alerts will be sent to you.

For charging off a 12-24v battery:-

- You will see that there are 2 wires.
- To charge the device, go to your car battery. Connect the red wires to the positive + terminal of your battery. Connection the black wire to the negative – terminal of your battery.
- Leave the device to charge for approximately 5 hours for as full charge. Don't worry – this will not flatten the battery on your car.

For hardware installation*:-

- The red wire is a permanent live
- The black wire is to go to earth.

**We always advise that you use a qualified auto-electrician for the hardware installation of any electrical device within vehicles to avoid the risk of damage or fire to the vehicle due to improper installation.*

For more information contact us.

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