CAREPHONE SOS GPS TRACKER USER GUIDE

The Carephone

Peace of mind

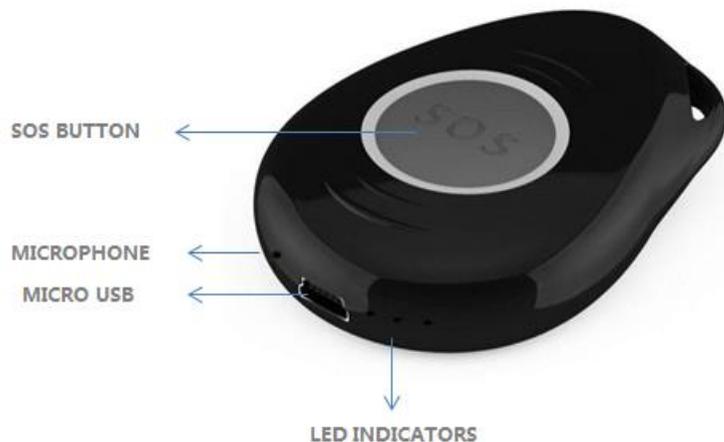| GSM LED--GREEN	
The device is connected to GSM network	Fast flash every 3 seconds
The device is connected to GPRS network	Two fast flashes every 3 seconds
The device is not connected to GSM network	Slow flash every 3 seconds
Without SIM card	Always on
GPS LED--BLUE	
The device has GPS positioning fix	Fast flash every 3 seconds
The device has GSM positioning fix	Flashing every 1 second on and 3 seconds off
The device has no GPS fix	Slow flash every 3 seconds
GPS chip sleeping	Always off
Power LED--RED	
Solid	The device is charging
OFF	The device is not charging or has been fully charged
Flashing randomly	The device is on the move
Buttons	
Power On/Off button	To turn on/off the device. Press for 3 seconds, The GSM&GPS light will dim 3 times.
SOS button	When it's pressed for 3 seconds, it will send alarm to all numbers and call the numbers.
Call button	When it's pressed, It will start to call the A1 numbers
Other Connectors	
Micro USB	Used for charging and firmware upgrade
Microphone	For listen in and voice communication
Speaker	For two way voice communication

SETTING UP THE TRACKER:

Your new tracking device should have arrived with the SIM already inserted

Please charge the device for around 8 hours before first use

You will also need to top up the credit before you will be able to use the tracker

Use the below link details to top up:

http://www.thecarephone.easypayg.com/index.php

SOS BUTTON ←

MICROPHONE ←

MICRO USB ←

→ SIM SLOT

→ ON/OFF & CALL

LED INDICATORS

CHECKING CREDIT BALANCE:

To check SIM credit balance at any time, send a text (text must be sent from a linked mobile number) to: 07924 373737

Text must read:

BAL 447(enter the rest of your tracker number)

You should then receive a
Text back with your balance:

GETTING STARTED:

Setting authorised mobile phone numbers, to enable the tracker to be used with your mobile phone:

It is not mandatory for all three of the authorised numbers to be set, however a minimum of one must always be set

Firstly, enter the tracker number into your mobile phone as a new contact

The number must be entered with the +44 numbers, exactly as shown on the SIM card (in box)

Save the tracker number as your chosen name for it, for example 'Mum's Tracker'

Next, send text message A1 from your mobile

to the Tracker number

(now saved in your contacts):

You will receive back a text message from the

Tracker reading 'Set mobile number 1 OK!'

You're now all set to start tracking!

To add the next two users/mobile phones to the tracker:

The second contact will follow all the above instructions, but must sent text B1

The third contact will follow all the above instructions, but must send text C1

To remove a user, they must simply send text A0, B0 or C0, to the tracker, depending on which user is being removed

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To add a name to messages sent from tracker, to personalise:

Send text to the tracker – name1, *chosen name*

For example: name1, Emma

The tracker will reply 'Add name OK!'

To remove name text: name0

To change the time:

Send text: TZ+02 to add 2 hours or TZ-02 to remove 2 hours

The time amounts must always be 2 digits and a maximum of 23 hours

SOS BUTTON & CALLS:

When the SOS button is pressed for a few seconds, it will beep. The tracker will then send a text message to all linked numbers, the text will read 'Help me!' also the time and date and the location details with a link to Google maps with location:

The tracker will then call all linked mobile numbers in turn. If A1 does not answer, it will call round to B1 and then C1 until the call is answered

Calls can be made to the tracker from ANY mobile or landline number. The call can be picked up by either pressing the SOS button (needs to be clicked twice to pick up the call) or the phone icon button on the side of the tracker (needs to be held for a few seconds to pick up the call). The tracker has a microphone and speaker to enable two way communication. If the phone icon button is pressed until it beeps, it will call (without sending 'Help Me!' text) the A1 contact first, if this is not picked up, it will call B1 and C1 in turn
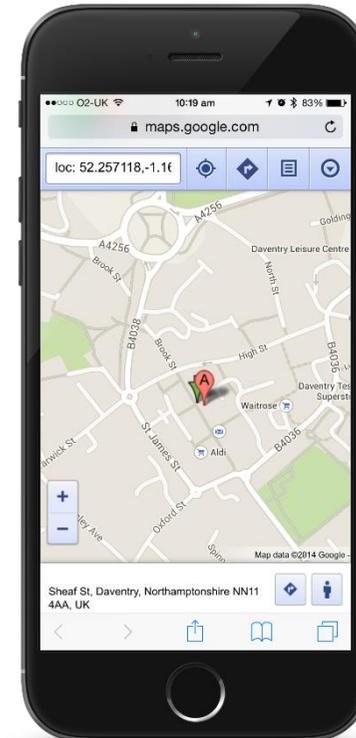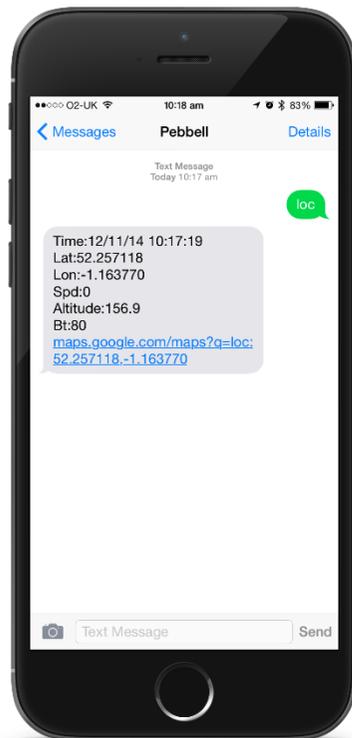
LOCATION REQUEST:

YOUR TRACKER MUST BE OUTSIDE OR BY A WINDOW, TO RECEIVE GPS CONNECTION

You can request a location of the tracker, from your mobile phone

Simply send text: loc

The tracker will reply with the location details and a link to google maps

When you click on the link, Google maps will open with the location of the tracker indicated:

Address Request:

Tracker will need GPS connection

Send a text: add

Tracker will simply reply with full address of its location

GPS Signal Lost and Recovery Alert:

When this is enabled, the device will AUTOMATICALLY send the latest available GPS information when it enters an area with no GPS signal. So if the tracker loses GPS signal, when indoors for example, the tracker records its location from 10 minutes before signal is lost. This is very useful if someone goes missing, you'll be able to know the closest location before GPS signal was lost

To enable this command, send text: GR1

To turn this function off, send text: GR0

Listen In:

When this is enabled, users A1, B1 & C1 can make a silent call to the tracker. The tracker answers the call automatically without making a sound. The caller can then listen in to what is happening around the tracker, without being heard by the tracker user

To enable this command, send text: L1

To turn off this function, send text: L0

GEO-FENCE ALERT:

To receive an alert when the tracker leaves a set area or enters a set area:

If you would like to set the tracker to send an alert when it leaves a set distance/area, send text: G1, 1, 0, 100M
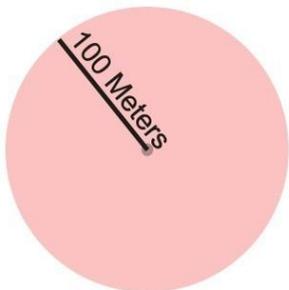
If you would like to set the tracker to send an alert when it enters a set distance/area, send text: G1, 1, 1, 100M

The distance must always be in 3 digits, for example, 50 meters would be '050M'

Distance can be set in meters 'M' or kilometres 'KM'

You can set up to 3 different geo fences, the second geo fence would start the text with 'G2' the third 'G3'

To turn off this alert, send a text: G1,0   G2,0 or G3,0 depending on which alert you are turning off

100 Meters

When setting up this command, the tracker must have a GPS fix. For example, if you want to set the distance starting from a home address, stand outside by the front door, make sure you have GPS connected, then send the text command. The distance will then start from that location

Movement Alert:

When the tracker leaves a set area, an alert can be sent

Send a text: M1,100M

M1 is to turn the function on

Distance must always be 3 digits. For example, 50 meters would be 050M

M means meters, KM means kilometres

When setting up this command, the tracker must have a GPS fix. For example, if you want to set the distance starting from a home address, stand outside by the front door, make sure you have GPS connected, then send the text command. The distance will then start from that location

To turn off this function, send a text: M0

Over-Speed Alert:

If the tracker exceeds a set speed, an alert can be sent

Send a text: speed1,100

Speed1 is to turn on the function

The speed is measured in KMH

Speed must always be 3 digits. For example, 50KMH would be 050

To turn off this function, send a text: speed0

Vibration Alert:

With this function on, the tracker will send a text alert when it detects movement

It can be set for it to check for motion at a chosen time interval

Send a text: V1,05M

V1 is to turn the function on. Time must be set in 2 digits, for example 05M for 5 minutes, 10M for 10 minutes

S means seconds, M means minutes and H means hours

To turn off this function, send a text: V0

To Turn off LED lights:

Send a text: LED1

To turn this function off, and to turn LED lights back on, send a text: LED0

Fall Detection:

With this function on, the tracker can detect a fall using its accelerometer, which senses speed over a short distance.

Send a text: FL1

To turn off this function, send a text: FL0

Accelerated Positioning – A-GPS:

A-GPS is for accelerated positioning which helps position a device when GPS signals are weak. GPS signals may be impeded by tall buildings and don't usually penetrate building interiors. A-GPS uses proximity to cellular towers to calculate a position when GPS signals are not available

To activate this function, send text: AGPS1

To turn off this function, send text: AGPS0

Power Saving Mode:

With this function on, you won't waste any battery life when the device isn't moving. With normal use, the battery can last up to 10 days

To activate this function, send text: PS1

To turn off this function, send text: PS0

Deep Sleeping Mode:

With this function on, the tracker will only be activated by sensing motion, the GSM & GPS chip will 'sleep' unless motion is detected. When motion is detected, the device will be 'awake' for 15 minutes and 'sleep' again if no further motion is detected. Battery can last up to 40 days
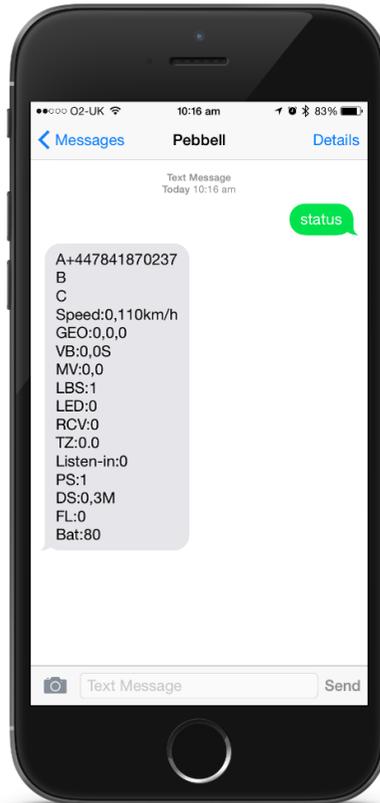
To activate this function, send text: DS1

To turn off this function, send text: DS0

STATUS REQUEST:

You can send a text request to the tracker, which will reply with all the settings showing set '1' or not set '0'

The reply text will also show numbers set (A1, B1, C1) and the battery life 'Bat:80'

Send text: status

The tracker will always automatically send a text alert to all regirstered numbers when battery life is low

Additional Commands:

To get IMEI number:

Send a text: version

The tracker will reply with it's IMEI number

Reboot Device:

Send a text: reboot

The tracker will restart itself without changing any settings

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Reset Device:

Send a text: RESET!

The tracker will take all settings back to factory default

Cautions:

Please comply with these guidelines to extend the life of the device:

- Keep the unit dry. Any liquid may destroy or damage the inside circuitry
- Don't use or store the unit in dusty places
- Don't put the unit in overheated or overcooled places
- Clean the unit with a piece of dry cloth, don't use chemicals or detergents
- Don't dismantle or refit the unit
- Don't use other batteries

Hardware Specifications:

Content	Specs.
Mainframe Dimension	61mm*44mm*16mm
Weight	35g
GSM Frequencies	900/1800mhz or 850/1900Mhz
GPS chip	U-blox 7 (Support AGPS)
GPS sensitivity	Cold start: -148dBm Hot start: -162dBm
GPS accuracy	<2.5m
Time to First Fix	Cold start 32s, Warm start 11s, Hot start 1s
Charging Voltage	5V DC
Battery	Chargeable 3.7V 900mAh
Standby Current	≤2mAh
Storage Temperature	-40°C to +85°C
Operation Temperature	-20°C to +80°C
Humidity	5%-95% non-condensing

TROUBLE SHOOTING:

Tracker not responding to text commands:

- Check it is charged and switched on
- Check it has credit
- Make sure your mobile number is linked to the tracker via A1, B1 or C1
- Check LED lights - check you have GSM connection (green light fast flashing) to receive text messages
- If not receiving location request, check you have GPS connection (blue light fast flashing) Tracker also needs to be outside or by a window to get GPS connection
- Turn device on and off by using the power button (This is useful to get GSM/GPS connection back if lost)
- Make sure the text command you are sending is exactly as shown in user guide
- Check you don't have a signature set in your text messages etc, tracker will not recognise the request unless it is exactly as shown in user guide
- Make sure the tracker number is entered as a contact on your phone using the prefix +44 exactly as shown on SIM card
- Make sure your mobile phone has a signal to enable it to receive messages

Not receiving GPS/Loc info:

- The tracker must be outside or by a window to enable the tracker to fix to a GPS signal The signal is received from satelites, so tall buildings around you may also affect the signal strength
- Check the BLUE LED light is fast flashing every 3 seconds, this will mean you have GPS fix. It will flash slowly every 3 seconds if no connection to GPS
- Switch the device off and then on again while outside, to encourage the tracker to again attempt connection to GPS signal