



gettracker 
product by
geteasygroup

G777

User Manual



geteasy 
group



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Terms and Definitions

Geo-fence

A Geo-Fence is a virtual boundary around a physical geographical space. A Geo-Fence consists of a set of coordinates that define an area.

Porta OBDII

An on board vehicle diagnostics and reporting port.

Utilizador final

The owner of the G777 tracking unit.

Introduction

The “Connect & Go” concept of the G777 enables the unit to interface with an OBDII diagnostic port of the vehicle. While the G777 is plugged into the OBDII port, power to the tracking unit is received from the vehicle electrical system.

The default settings that can be manipulated by the end user, which should be agreed prior to the installation, between the GetEasy and the end user, are:

- User mobile phone number setting and change.
- Speed alarm settings and enable/disable.
- Location polling.



Product Description

The new 777 tracking unit makes use of the Global System for Mobile (GSM) communication networks and the Short Message Service (SMS) technology to provide accurate real-time Global Positioning System (GPS) data to locate assets.

Choose G777 model in portal
<http://www.geteasygroup.com/gettracker>
and, in a minute, can know the location of your assets.



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Key Features

The main features of the 777 are:

- Real Time Location
- Mobile Map Location
- Latitude and Longitude Location
- Internal backup battery for Device disconnection notification

Unit Specifications

Physical Specification	Size	55 x 50 x 25 mm
	Weight	80g
Power	Rechargeable Battery	7.4V 180mAh Lithium ION
	Power Consumption	Sleep Mode <20uA
		Power Save mode < 5mA
		Max. Performance <300mA
GSM	Antenna	Internal
	Modem	uBlox LEON 100
	Frequency	Quad band 850/900/1800/1900MHz
	LBS Location Accuracy	100 to 500 meters (Urban) 0.5 to 30 kilometers (Suburb)
GPS	Antenna	Internal
	Receiver	uBlox NEO 6M (GPS, & Sbase) engine
	Channels	50 Parallel Channels
	Sensitivity	-162dBm
	Location Accuracy	2.5 to 10 meters (Strong Signals)
		500 meters (Weak Signals)
Sensor	Sensor 3D G-Force	Onboard
Environmental Conditions	Temperatura de Operação	-40° to +70°
	Temperatura de Armazenamento	-40° to +85°
	Humidade	95%



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Unit Set-Up Procedure

The end user of the G777 will now be guided to set-up and personalise the settings on a newly fitted tracking unit into a vehicle also called the asset. This ensures safe communication between the end user and the unit and protects valuable data against misuse by dubious people.



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Notes:

1. A mobile phone is required to perform the personalised set-up. In future, this mobile number is the only one that will be able to manipulate default settings on the unit and message centre.
2. To get the device number you must send an email with your login and the equipment IMEI*, asking for the Sim card to: **tech.assist@geteasygroup.com**

*The IMEI number is fifteen (15) digits located below the bar code on the back of the equipment.

Unit Set-Up Procedure

Set User Number

To set user number, you can use any mobile phone to send the following SMS command to the SIM card number inside device.

Command format:

1234	,	UNO	;	+351xxxxxxxxxx
------	---	-----	---	----------------

↑ unit password ↑ command ↑ user number with country code.
example:
+ is country code mark
351 is country code of Portugal.

Example.:

1234,UNO;+351999888777

Reply.:

G777

V3.055

UNO:+351999888777

To get the device number you must send an email with your login and the equipment IMEI*, asking for the Sim card to:

tech.assist@geteasygroup.com


*The IMEI number is fifteen (15) digits located below the bar code on the back of the equipment.

Unit Set-Up Procedure

Location Poll

The unit will respond with the location information after the first GPS data update is received.

Command format:



1234	,	PRQ
------	---	-----

↑
unit password

↑
command

Example.:
1234,PRQ

Reply.:
G777
V3.055
<http://maps.google.com/staticmap?...>

To get the device number you must send an email with your login and the equipment IMEI*, asking for the Sim card to:

tech.assist@geteasygroup.com

*The IMEI number is fifteen (15) digits located below the bar code on the back of the equipment.

Unit Set-Up Procedure

Enable/Disable Over Speed Alarm

This is to activate or de-activate the over speeding alarm feature.

Command format:

1234	,	SPO	;	M
-------------	----------	------------	----------	----------

↑
unit password

↑
command

↑
M (Parameter:
1 = Enable
0 = Disable)



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Example.:

	Command format:	Reply:	Explanation:
Enable	1234,SPO;1	G777 V3.055 SPO:1	Over Speed Alarm Enable
Disable	1234,SPO;0	G777 V3.055 SPO:0	Over Speed Alarm Disable

To get the device number you must send an email with your login and the equipment IMEI*, asking for the Sim card to:

tech.assist@geteasygroup.com

*The IMEI number is fifteen (15) digits located below the bar code on the back of the equipment.

Unit Set-Up Procedure

Change Speed Limits

1/2

Choose G777 model in portal
<http://www.geteasygroup.com/gettracker>



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In your personal area
click:
**myAlertConfig
Alert**



Select:
Create Alert



Select the vehicle from
the left column and
click:
>
After selecting the
vehicle and move to the
right column click:
Next Step



Click:
this



Select:
Speed

Continued on next page >>

Unit Set-Up Procedure

Change Speed Limits

2/2



Enter the desired maximum speed:

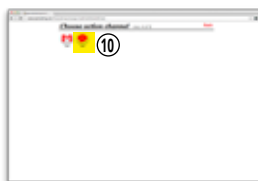
Max: **km/h**

Click:

Create Trigger



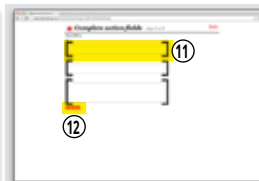
Click:
that



Select the action channel where you want to receive alerts:

Create Alert

(This tutorial is an example to send to a mobile phone, however if you prefer you can choose the channel Mail, where you can receive alerts in your email box.)

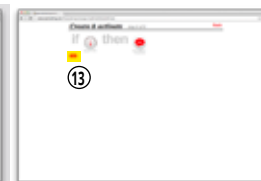


Fill the field:

To
(With the number where you want to receive the alerts)

Click:

Create Action



Click:
Done

Trouble Shooting

An external flashing LED light, next to the USB port, reflects the operational status of the unit. The LED will flash at 8 sec. intervals to indicate the GSM and GPS operational status. There is a short interval between each flashing cycle, first the GSM then followed by the GPS status. To check the statuses, please count the LED light flashes and compare it to the table below:



Status	Led Flashes
Device Power on	LED ON <1 sec
GSM module ON but unregistered	1 flash at the beginning of each flash cycle
GSM module ON and registered	2 flashed at the beginning of each flash cycle
GSM module OFF	No flash at the beginning of each flash cycle
GSM module on and registered	3 flash then GPRS connection
GSM module on and registered	4 flash then TCP connection
GPS module ON but haven't located	1 flash after interval (behind GSM status flash) in each flash cycle
GPS module ON and located	2 flashes after interval (behind GSM status flash) in each flash cycle
GPS module OFF	No flash after interval (behind GSM status flash) in each flash cycle



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