

GPS TRACK-TOR

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WARRANTY

THIS PRODUCT HAS 2 YEARS WARRANTY FOR ANY MANUFACTURING DEFECT DETECTED. AS VALIDATION OF WARRANTY IS REQUIRED THE BILL OF PURCHASE.

For all eventual assistances, please contact the technical support number: **+39 0141-947676**

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Manual of installation and use
PRODUCT CODE: **CF0048UNTT11**

IT DOES NOT
NEED ANY
SUBSCRIPTION!



GPS TRACK-TOR

GPS ALARM FOR AGRICULTURAL
AND EARTH MOVING MACHINERY

A real, simple to install and UNIVERSAL solution
against all UNIVERSAL thefts of your AGRICULTURAL
or EARTHMOVING MACHINERY



<http://automotive.paser.it>

DESCRIPTION

GPS TRACK-TOR is the new **alarm for agricultural and earthmoving machinery**, developed by Paser.

The device is equipped with a GPS/GPRS/GSM technology that allows to detect and communicate in real time on your smartphone the following alerts:

INTRUSION AARM: (by a presence detector) if the thief opens tries to introduce himself in the cockpit, the device goes into alarm: the siren emits sound and the system sends an SMS to the mobile number programmed, so to immediately notify about the attempted theft;

SHOCK ALARM: if the thief tries to physically move the vehicle, the device senses the abnormal vibration and goes into alarm: the siren emits sound and the system sends an SMS to the mobile number programmed, so to immediately notify about the attempted theft;

POWER ALARM: if the thief tries to start the engine of the vehicle, the device goes into alarm: the siren emits sound and the system sends an SMS to the mobile number programmed, so to immediately notify about the attempted theft;

BATTERY ALARM: if the thief tries to cut the battery, the device goes into alarm: the siren emits sound and the system sends an SMS to the mobile number programmed, so to immediately notify about the attempted theft;

For all the listed cases, the SMS sent to the mobile number programmed includes a link to Google Maps with the location of the vehicle, so to monitor the possible movement during the attempted theft.

The device is sold by Paser srl with:

- 1 central unit
- 1 harness
- 2 remote controls
- 1 Siren integrated
- 1 triple sensor technology
- 1 plastic tool
- 1 sensor bracket
- screws included

* **Product compatibility is extended to all vehicles.**

**WARNINGS****Paser assures and guarantees that:**

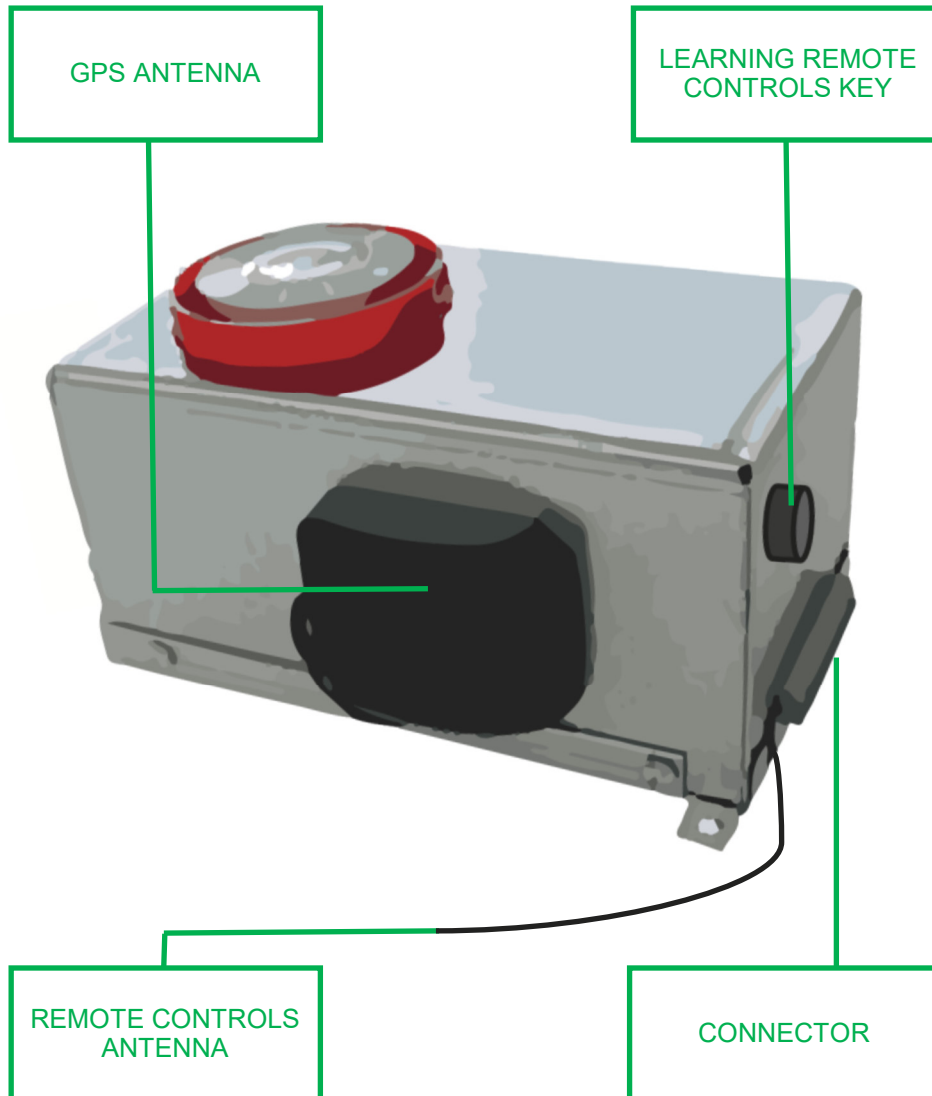
- the SIM number to activate is not reused by no one (except the Admin) after the first alarm activation
- the alarm system is safe from any remote reprogramming or tampering
- the number provided is not, in any way, integrated into a database for treatment of data

Paser recommends and advises that:

- Entrust the system installation of qualified personnel
- monthly check the SIM card credit o prevent the deactivation of the warning system via SMS

CONTENTS DIAGRAM

CENTRAL UNIT (connector side)



TROUBLE SHOOTING

The device will not engage / disengage.

Check power supply and check the batteries in remote controls.

The device does not detect the intrusion alarm in the cockpit / door alarm.

Check the 3TECH sensor connection and adjustment of the detector beam.

The device does not detect the starting ignition.

Check the white wire connection in position 6.

The device does not send SMS to the number of cell administration.

Make sure to insert the SIM and the correct setting of the desired phone number.

Within the SMS indicates a wrong time.

Set the correct time zone.

When the device goes into alarm, the siren does not emit sound.

Check the input mode: disable the alarm by means of a short press of the "LOCK OPEN" button and then insert it again by means of a short press of the "LOCK CLOSED".

TECHNICAL PARAMETERS

>> UNIVERSAL DEVICE

Size: 12,5cm x 7cm x 6cm

Weight: 500g

NET: gsm/gprs/gps

Band:

- 850/1800/1900 mHZ
- or 900/1800/1900 mHZ
- or 850/900/1800/1900 mHZ

Sensitivity GPS: -159dBm

Accuracy GPS: 5m

Power feeding: 12v - 24v

Battery: 3.7v 1500mAh li-ion rechargeable

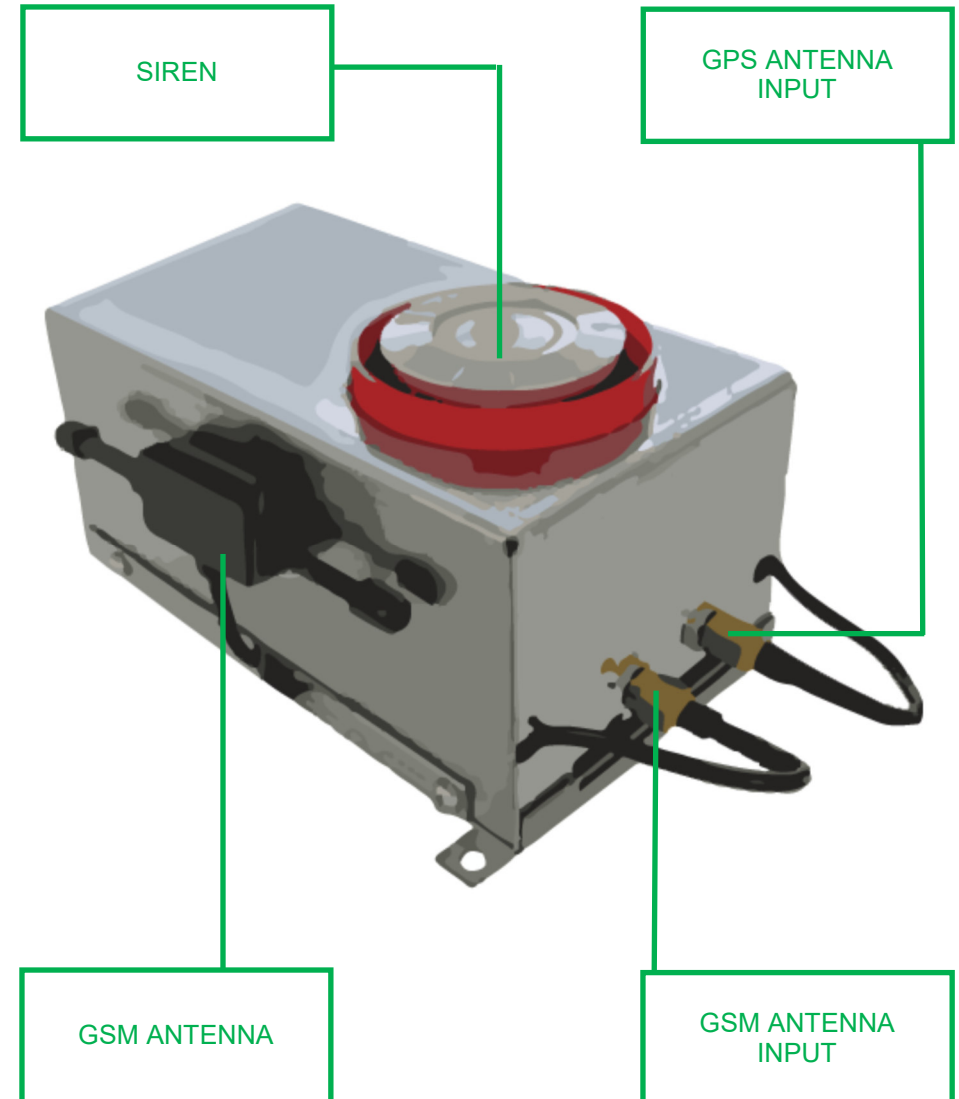
Standby: 48 hours

Temperature: -20°C / +55°C

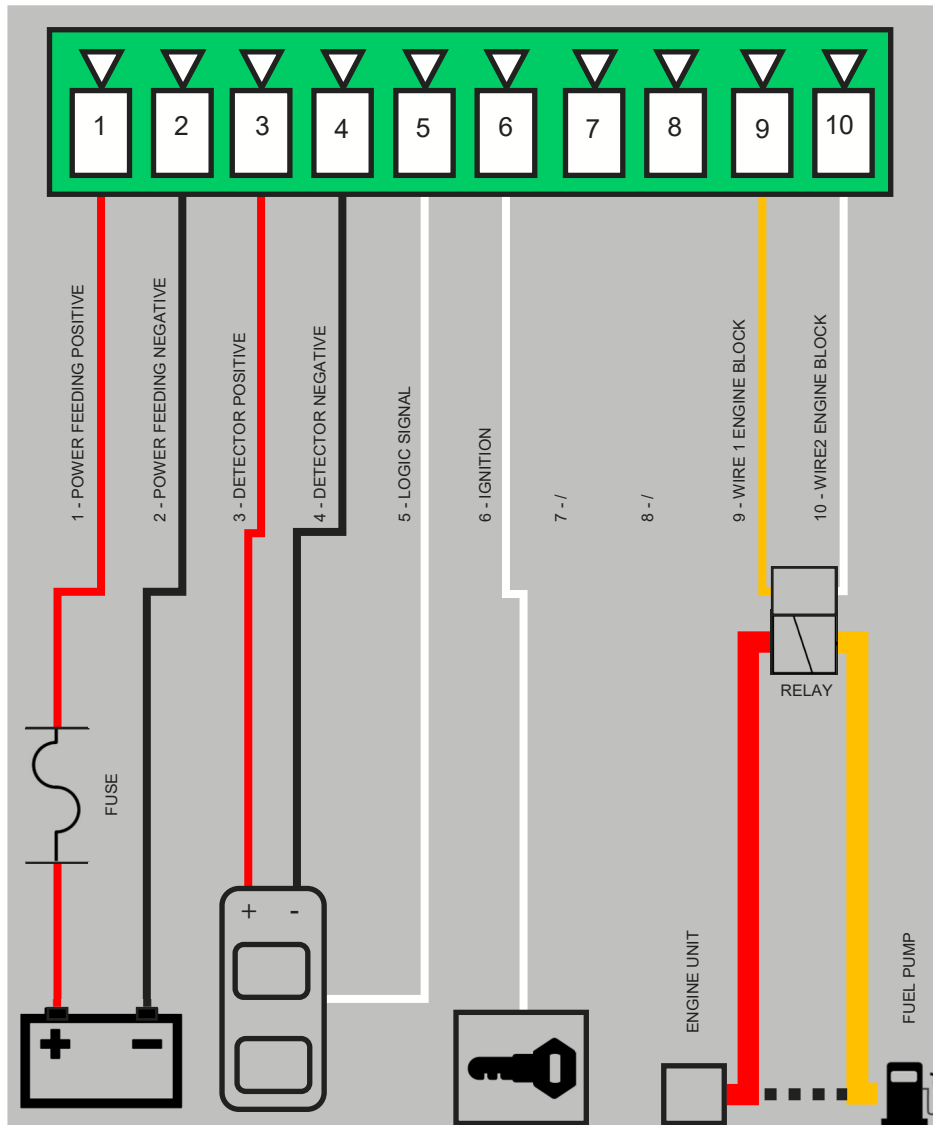
Absorption in sleeping mode: 90 - 100 mA a 12V

Absorption in working mode: 110-120 mA
(during the receiving/sending SMS)

CENTRAL UNIT (antennas side)



CONNECTOR DIAGRAM



The activation of the SMS functions is very simple and quick.

However, in case of all difficulties in activating procedure, PASER offers a technical support service runs from Monday to Friday, from 10.30 to 12.30 and from 14.30 to 16.30 that will support every request.

Phoning to PASER technical assistance:

+39 0141 - 947676

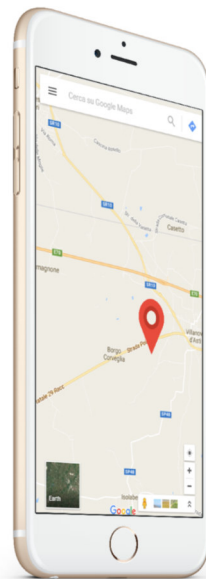
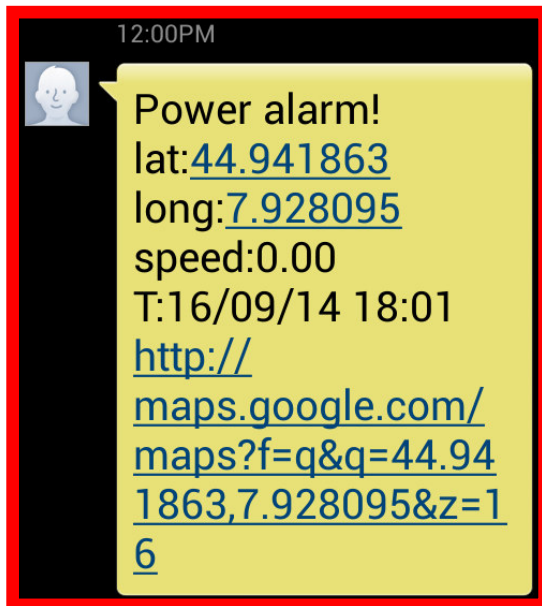
one of our technicians will support you to program your alarm system.

The system is now activated: whenever an alarm occurs, it will be sent a text message to the phone number set as the Administrator, who will appear as in the figure (RED box).

In this SMS will be shown, how easily you can see, all information needed for the location and type of alarm:

- the kind of alarm reported, in this case POWER ALARM stands for "power cut alarm."
- LAT and LONG, that is the coordinates for vehicle tracking
- The speed at which the vehicle was proceeding (SPEED) at the instant of the alarm detection
- The date and time of the alarm is received
- A link to the Google Maps site that, once opened, shows the location of the vehicle and monitors the location

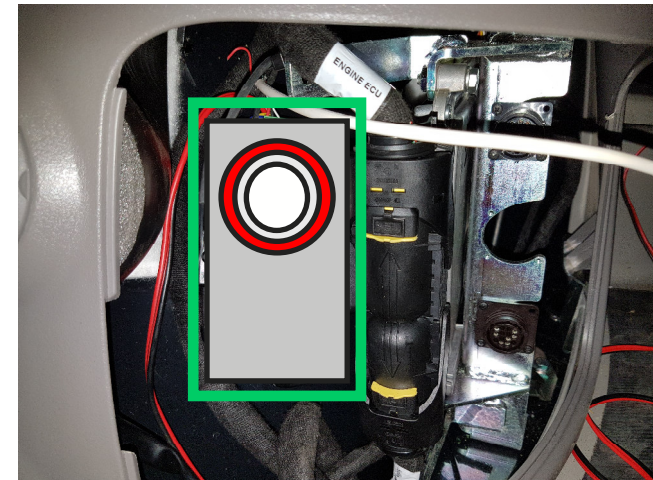
If not already on your cell phone, you should download the Google Maps app from the Play Store or Apple Store (Apple Smartphone).



INSTALLATION

The system installation is simple and quick.

At the first, you have to locate the central unit with integrated siren in a secure housing from damage.



At this point you have to connect the central unit, following these indications:

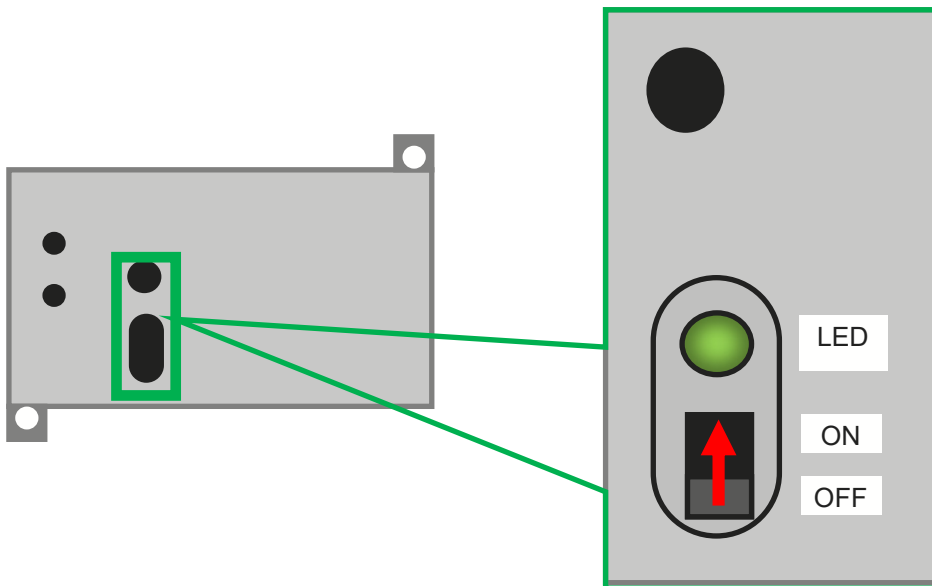
- the red (positive) to the fixed positive of the vehicle, in position 1, with a specific 2A fuse
- the black (negative) to the negative of the vehicle, in position 2
- the white wire (ignition) to positive ignition of the vehicle, in position 6
- the relay thin yellow wire (engine block) in position 9
- the relay thin white wire (engine block) in position 10
- please interrupt the direct cable between the engine unit and the fuel pump
- please connect the part deriving from engine unit to the red thick wire of the relay
- please connect the part deriving from the fuel pump to the yellow thick wire of the relay

UNIT INSTALLATION

Done the connection, you must turn on the central unit.

It is advisable to do the following operation in an open space and without moving the unit.

Below the unit there is a switch, please take it to the ON position as shown below.



Starting the module, the LED will light RED FLASHING to communicate that the GSM communication is active.

Then it will begin the calibration of GPS functionality, for which please wait 10 minutes: in this processing time the LED light up GREEN FIXED.

When the GPS calibration, the LED will be SOLID GREEN, interrupted by a few RED flashes, indicating that the calibration is complete and that the unit is in normal operating mode.

At this point it is possible to fasten the module to the vehicle.

It is advisable to secure it by means of fixing screws in the compartment of the engine control unit or in any case where it is more appropriate to facilitate the fixing, depending on the conformation of the vehicle on which it is installed.

OTHER FUNCTIONS AVAILABLE

The following SMS commands can be useful if you want to activate or deactivate some additional features of the GPS TRACK-TOR.

COMMAND DESCRIPTION	SMS TO SEND	GPS Tractor ANSWER
To remotely check the system about the vehicle location (it is possible also if the alarm is not enabled)	fix030s001n+password	GPS references
To set the sensitivity of the internal sensor at 1 (high)	sensitivity+password +space+1	sensitivity OK
To set the sensitivity of the internal sensor at 3 (low)	sensitivity+password +space+3	sensitivity OK
To block the vehicle engine (engine block)	stop+password	Stop engine succeeded
To deactivate the block engine	resume+password	Resume engine succeeded
Reset of the module	reset+password	reset ok
To set the hour fuse	time+ space +zone +password+ space +(local hour fuse value respect to the Greenwich meridian)	time OK

Please be informed that you can enter up to 5 phone numbers to contact in case of alarm.

If you want to delete the number to enter another one number, run the command below:

noadmin+password +space +phone number	Admin no	Delete admin number
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TRACKING BY SMARTPHONE

At this point, the alarm system is ready to operate.

You just have to program the telephone number of the Administrator, that is the one to which the SMS will be sent with the alarm alerts.

To do so, you only have to use the following commands table.

These command have to be sent via SMS to the phone number corresponding to the SIM inserted in the system.

FIRST ENABLING PROCEDURE VIA SMS			
COMMAND DESCRIPTION		SMS TO SEND	GPS Tracktor ANSWER
1	Manufacturer settings	begin123456	begin OK
2	To change password	password123456 +space+new password	password OK
3	To insert the admin number	admin+password +space+phone number	admin OK
4	To enable the alarm remotely without using remote controls. The engine has to be turned off and the doors closed	arm+password	Tracker is activated
5	To deactivate the alarm remotely without using remote controls.	disarm+password	Tracker is deactivated

Warning:

Paser advise to change the default password during the first enabling.
New password must be of 6 numeral digits.

SENSOR INSTALLATION

The installation of the Triple Sensor Technology is quick and easy.

You first need to place the bracket in a secure housing from damage; it is advisable to secure by means of fastening screws on the upper crosspiece of the windscreen, so that the sensor watch and protect all the passenger compartment from above.

You can also fix the bracket of the sensor to one of the uprights of the cabin interior, depending on the conformation of the vehicle on which it is installed. After attaching the bracket, you only have to simply screw the body of the sensor: the installation is complete.

On these photographs, some examples to install the sensor:



Mounting bracket for the sensor: if case of installation on the upper panel of the vehicle



Mounting bracket for the sensor:
if case of installation on an upright of the vehicle

The sensor setting is a procedure already performed by the manufacturer during alarm programming phases.

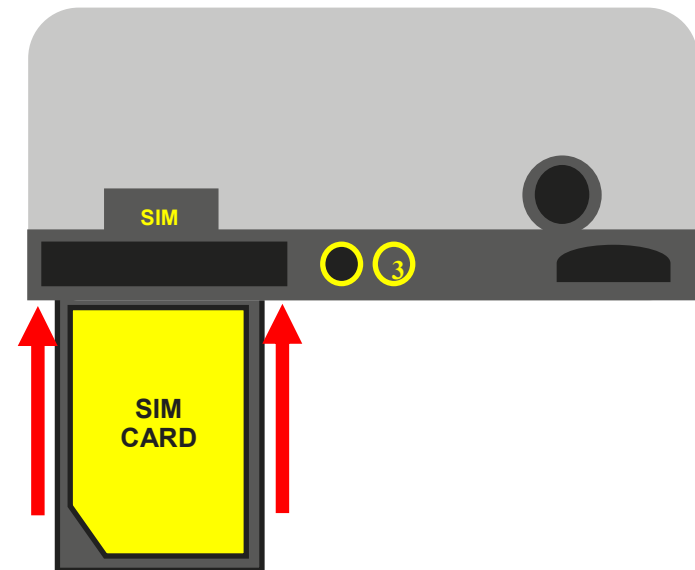
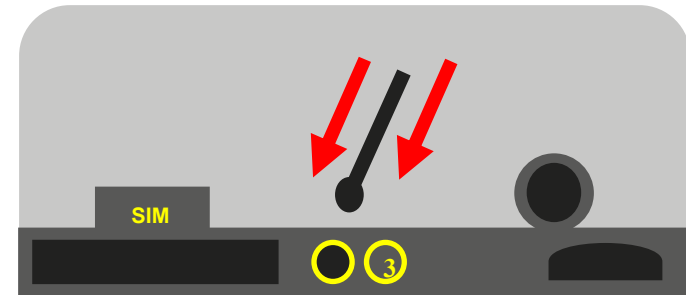
It is sufficient, therefore after installation, to proceed to the right vertical / horizontal adjustment of the detector of the sensor beam in order to achieve optimal protection of the access door to the cabin interior.

Once the detector is powered, it will do the flashes RED, YELLOW and GREEN to indicate that it is in calibrating phase.
After successful calibration, the LEDS are all off.
The detection of an obstacle will always be detected by flashing RED.

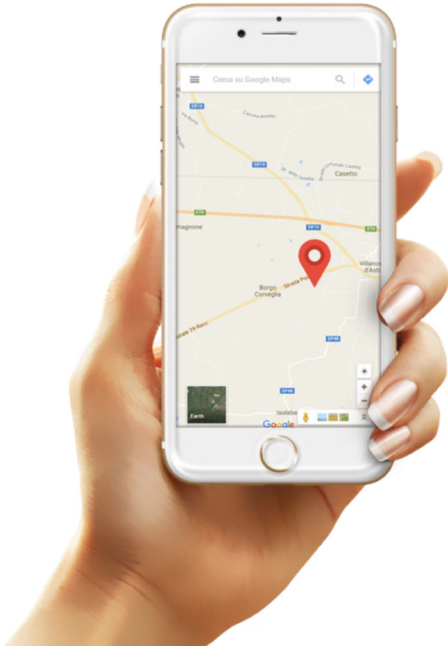
WARNING: Each time the sensor is unfed OFF and then refed, it will restart the calibration procedure.

TRACKING BY SMARTPHONE

At this point, you will have to insert the SIM CARD and close the slot with light pressure, making sure that the slot is inserted perfectly.



TRACKING BY SMARTPHONE



GPS TRACK-TOR alarm is equipped with a GPS / GPRS / GSM technology that makes possible the localization of the vehicle on which it is installed.

The alarm works in a simple and effective way, detecting the following alarms:

- Intrusion alarm
- Ignition alarm
- Vehicle move alarm
- Battery cutting alarm

For operation via GSM, you must insert a sim card in the device.

The SIM CARD is not provided by the manufacturer.

Once you procured the SIM CARD, please simply make a slight pressure with the plastic tool provided on the small button marked with the number 3, to extract the SIM CARD slot, as shown in the next page.

SENSOR CONNECTIONS

The electrical connection of the Triple Sensor Technology is quick and easy.

You only have to simply connect the Sensor to the power supply and to the central unit as shown below:

- the red wire (positive) in position 3
- the black wire (negative) in position 4
- the white wire (signal) in position 5

If the connection cable supplied with the kit would be too long, please proceed to a reduction by cutting the same.



REMOTE CONTROLS MANAGING

The device is activated / deactivated through dedicated remote controls.

The radio controls memorizing is a procedure already performed by the manufacturer during alarm programming phases.

It is sufficient, therefore, after installation, to use the remote controls keys as shown below:



ALARM ENABLING



SOS ALARM

ALARM ENABLING
WITHOUT SIRENALARM
DEACTIVATING

IN CASE OF 1 REMOTE CONTROL LOST

In case of 1 remote control lost, after purchased a replacement from PASER, you can re-store it for proper operation in combination with the GPS-TRACK TOR.

You only have to:

- press 7 times the LEARNING button continuously on the central unit, the siren will beep 3 times and the system will go to "Learning mode"
- press the "closed lock" key on the remote control, the siren will beep 3 times
- press the "closed lock" key of the remote control, the siren will beep 3 times

The new remote control is learned, the procedure is finished.

IN CASE OF 2 REMOTE CONTROLS LOST

In the case of 2 remote controls lost, after having purchased two replacement by PASER, you can re-store them for proper operation in combination with the GPS TRACK-TOR.

You only have to:

- press 7 times the LEARNING button continuously on the center unit, the siren will beep 3 times and the system will go into "learning mode"
- press the "closed lock" button on the first remote control, the siren will beep 3 times
- press the "open lock" button of the second transmitter, the siren will beep 3 times

The new remote controls are learned, the procedure is finished.