

# Athos

GSM | GPS | CAR ALARM



Mobile control



GPS location



Remote control



Wireless/wired inputs



Remote Access



## Car security at your convenience

The CA-1803 Athos car alarm is a new generation of vehicle security which combines a number of modern technologies. One facility not only provides standard security, but the possibility of communication with the car via your mobile phone, information about any damage to the vehicle in the form of telephone calls and SMSes, internet access (status of vehicle, vehicle tracking), navigation and many other features.

# ATHOS CAR ALARM AND ACCESSORIES

## CA-1802 Athos GSM car alarm



A combination of security system, immobilizer, and alarm information is transferred to your mobile phone. The vehicle is still accessible via mobile phone and the owner can check its status via a simple SMS request. Athos can also notify the user, that the car battery is discharged or that the vehicle has been unlocked for a long time. It can be controlled by its own remote controls or the vehicle's remote control. Operation is also possible via text messages or simply by dialling. The Athos car alarm responds to opening doors, turning the ignition key, opening the trunk or hood and the turning on of appliances in the vehicle (voltage drop). Installation can be extended with wireless detectors that can guard the interior of the vehicle or the surrounding area (roof box, garage, caravan, etc.). When an alarm is set off it activates a siren, SMS messages are sent informing of a disruption and will call pre-programmed telephone numbers. SMS texts contain detailed information on the source and type of alarm, date and time. For easier communication, such texts can be changed into: Ford Mondeo reports: boot, alarm, time: 2:27:50, 10/10/2011. An immobilization circuit protects the vehicle and engine starting can be blocked by a command SMS text if keys are stolen for example. Athos has a BB-02 backup source. The car alarm has a large number of optional features which can be set via SMS or through a secure website called GSMLink. The car Alarm can be installed in a vehicle with a 12V or 24V voltage.

## CA-1803BT Athos GSM and GPS car alarm



Has the same features as the CA-1802 version, but is also equipped with a GPS module (which has been integrated into the unit). It allows for accurate vehicle location. This can be obtained immediately via SMS, which is sent as a link to an Internet site and so if the recipient has an internet browser in their phone, they can immediately see the location of their car on a map. Another use of GPS is the continuous monitoring of the vehicle, when information on points travelled through is automatically transmitted to a tracking server where it automatically creates a log book describing the start and end of routes, their length and other information.

## HF-03 handsfree set



For Athos car alarms there is the option to call 4 preset telephone numbers from the car and to receive calls from any phone number. The HF-03 also allows for communication with the vehicle interior even when the alarm is set off and vehicle is completely immobilized.

## CR-11A output module



Used to expand Athos and Nestor car alarm features. These include the control of central locking or a hidden immobilizer, or appliance control (e.g. independent heating) using a remote control or by SMS.

## JA-85P wireless motion detector



To protect the interior of vehicles (including the loading space). Used as a supplement to Athos and Nestor car alarms. It is specially developed for use inside a vehicle, but it can also be used in a garage area. We also offer grey plastic for better harmonization with the colour of the interior.

## JA-85B wireless glass-break detector



Uses acoustic analysis (does not have direct contact with the glass surface). Applicable as a supplement to Athos and Nestor car alarms. It is specially developed for use inside a vehicle. We also offer grey plastic for better harmonization with the colour of the interior.

## CA-550 digital tilt sensor



Reliable protection of vehicle against intruders, towing or the attempted theft of wheels. The microprocessor ensures a highly filtered resistance to false alarms in the case of accidental movement of the vehicle.

## GT-432 microwave sensor



Designed for securing a vehicle's interior. The sensor has an adjustable range, in which it detects any movement. The GT-432 can be installed hidden under plastic parts. Can also be used in open-top cars – i.e. a Cabrio.

## Car alarm characteristics

- ▶ GSM/GPS alarm and central monitoring
- ▶ GPS location reporting to ARC or mobile phone
- ▶ Alarm notification by SMS and phone calls
- ▶ Remote immobilization by mobile phone
- ▶ Internet WWW access (GPRS)
- ▶ Hands-free calls and remote listening-in
- ▶ Bluetooth interface for navigation (CA-1803 BT)
- ▶ Up to 8 wireless detectors (868 MHz)
- ▶ Garage, mobile home, boat and yacht protection

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## Car alarm specification

Power supply voltage	12 - 24 V DC
Current consumption	20 mA (stand-by), 1 A (maximum consumption during GSM communication)
GSM band	E-GSM/GPRS 900/1800MHz, (2 W for GSM900, 1 W for GSM1800)
Remote control frequency	868 MHz
Operational temperature	-20 °C to 70 °C
Rechargeable backup battery	BB-02 included in set, 400 mAh
Telephone numbers	4 memories for dialling / 4 memories for SMS reporting
SMS texts	programmable reporting texts and remote control instructions
GPRS	programmable APN, Name, Password and IP address

