

GEMINI[®]
ALARM SYSTEMS



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GEMINI THROUGHOUT THE WORLD



COMPANY PROFILE

Gemini, with more than 30 years of experience in the field of vehicle and motorbike alarms, is one of the leading trademarks as far as security is concerned.

Located in Varese, Italy, where production is entirely carried out, Gemini boasts a presence in most international markets. In fact, Gemini products are exported in more than 40 countries worldwide.

The company's objective is designing and manufacturing high quality electronic systems for the automotive market. Gemini is ISO 9001-2008 certified and its products meet not only the mandatory European homologations, but also the most important National Insurance Associations' standards:



Gemini's product range includes:

- Security and comfort systems for cars, motorbikes and other applications such as caravans/motorhomes, boats, heavy machinery, light aircrafts, etc.
- Protection systems with GPS/GSM/GPRS technology
- Home protection systems
- Detection and wireless control systems for the industry

In 2008 Gemini was presented with the Bronze Award for the Best Alarm Manufacturer and the Silver Award for the Best Security Tracking Product "Gemini GTRACK".



Gemini currently supplies original equipment for the following customers:

- Chevrolet Spain: OES equipment
- Daihatsu UK: OES equipment
- PSA Group Spain: OES equipment
- Volkswagen/Porsche Group Poland, Slovenia, Switzerland, Hungary: OES equipment
- Honda Italy: OES equipment
- KIA Italy, Poland: OES equipment
- Lamborghini: OES equipment
- Mitsubishi Bulgaria, Germany, Poland: OES equipment
- Nissan Baltic countries: OES equipment
- Renault Morocco/Romania: OES equipment
- SsangYong Italy: OES equipment
- Subaru Switzerland: OES equipment
- Suzuki Hungary: OES equipment
- Toyota Bulgaria, Morocco, Portugal: OES equipment

- Piaggio Group: OEM and OES equipment for the 2 wheels and 4 wheels divisions
- Honda Moto Italy: OES equipment
- Kymco: OES equipment
- Malaguti: OES equipment
- MV Augusta: OES equipment

- Zeppelin (Caterpillar distributor) Germany: OES equipment

GTRACK - SECURITY AND VEHICLE MANAGEMENT


































GTRACK is Gemini's range of GPS/GSM/GPRS all-in-one Security and Fleet management alarm systems, with fully configurable functions according to the various service profiles.

The security operations can be entrusted to a Monitoring Centre (only if this service is available in your country) or they can be personally managed with **MyGTRACK** (this last configuration only for MINI and BASIC models). The GTRACK system also provides the best Fleet management solution through the "**GTRACK VIEW**" Web platform or stand-alone for PC version.

In the first case the Monitoring Centre provides overall vehicle protection 24/7 and controls all the security operations. The MyGTRACK configuration, on the other hand, focuses the protection of the vehicle without any third-party help. It is a cost-effective solution that lets you self-manage your own vehicle by using a mobile phone or a free web mapping service (ex. Google Maps). You receive immediate notification of events and, in case of theft, a text message will be automatically forwarded to you with the geographical coordinates of the vehicle's position. You can then send a text message to immobilize the vehicle according to the local applicable laws. MyGTRACK is available in Italian, English, French, Spanish and Hungarian.

The GTRACK product range consists of 3 models: **892MINI**, **893BASIC** and **894MAXI**, all self-powered and with a 12/24V power supply.

The following table lists the main security features of the GTRACK models:

SECURITY FEATURES	MINI	BASIC	MAXI
2 Automatic Identifiers (TAG)*			
2 Electronic override keys			
Built-in CAN-BUS Interface**			
Engine immobilization			
Ignition detection			
Perimetric protection			
Digital inclination detection			
Anti-tamper detection			
Emergency push-button			
Alarm negative input or activation by another device (configurable)			
Alarm positive input (configurable)			
Audible/visual warning during arming/disarming			
Siren			
Microphone & speaker			
Ultrasonic sensor			
Wireless sensors (magnetic contact and infrared sensor)			

 = standard  = optional

* = To activate/deactivate system and/or automatic hijack alarm received in Monitoring Centre (if included in the subscription service).
 ** = To activate/deactivate system with vehicle OE remote control (if equipped with CAN BUS) and perimetric protection.

Programmable functions:

- service
- passive arming
- anti-hijack
- geofence
- periodic position control
- speed limit control alert
- polling
- turn indicators/siren activation
- arming/disarming by SMS
- system status

The programmable functions are readily available with the MyGTRACK (self-managed configuration) whereas with the GTRACK (Monitoring Centre configuration) they will vary according to the contract subscribed.

GTRACK VIEW - FLEET MANAGEMENT

GTRACK

All GTRACK systems are equipped with a built-in 1Mb Eeprom, an RS232 port to connect eventual auxiliary devices and up to 17 configurable I/O (MAXI version) allowing data transfer on FTP Server (historical archive) and real-time location by TCP connection.

GTRACK VIEW SOLUTION - Web or stand-alone PC version

Vehicle data can be managed via the "GTRACK VIEW" software Web platform or stand-alone for PC version.

Both solutions allow to remotely manage the GTRACK devices with high flexibility and easy personalization of parameters such as:

- vehicle position
- running time
- routing
- distance covered
- instant and average speed
- localization of nearest vehicle to a specific point
- real time display of one or more vehicles at a time (Web solution)
- historical display of one or more vehicles at a time (stand-alone PC solution)
- daily/weekly/monthly reports on vehicle use
- statistics and data export in Excel
- geofences
- driver identification
- alarm management
- vehicle immobilization

The Web version is ideal for private users or small businesses while the Personal Computer one has been designed expressly for professional users, such as large fleet companies. Services and costs depend on GTRACK model and functions required.



GTRACK - HEAVY-DUTY VERSION

992 MINI
993 BASIC

This range of alarms, extremely compact (95x85x28mm) and completely waterproof, has been especially designed for heavy-duty machinery and boats. The product range comprises two models: **992MINI** and **993BASIC**, with the same features as the **893/892** but with less inputs/outputs, as shown in the table below.

Power supply: 12/24V



NEW 2010

SECURITY FEATURES	MINI	BASIC
2 Remote controls		Ⓞ
2 Electronic override keys		Ⓞ
Engine immobilization	Ⓞ	Ⓞ
Ignition detection	Ⓞ	Ⓞ
Perimetric protection		Ⓞ
Digital inclination detection		Ⓞ
Anti-tamper detection		Ⓞ
Alarm negative input or activation by another device (configurable)	Ⓞ	Ⓞ
Alarm positive input (configurable)		Ⓞ
Visual (LED) warning during arming/disarming	Ⓞ	Ⓞ
Open collector output		Ⓞ
Wireless sensors (magnetic contact and infrared sensor)		Ⓞ

Ⓞ = standard Ⓞ = optional

GSM PAGER

870

This PAGER 870 is both a compact GSM security system and a remote immobilizer (via SMS). If used as a stand-alone system, it self-arms (passive arming) and disarms when ignition is turned on. When used as an upgrade to factory-fitted and aftermarket alarm systems, it works as a GSM pager with immobilizer. Alarm messages can be forwarded via SMS to two different numbers stored in agenda and, depending on the phone provider, can contain or not the GSM cell coordinates to enable localization of the vehicle.

Power supply: 12V



ACTIVATION MODULES FOR TELEMATIC SYSTEMS

7730

GSM/GPS/GPRS system activator operated by remote control, automatic identifier or electronic key. It can manage up to 13 devices (TAG, electronic key, remote control, PIR, switches, magnetic contacts, etc.) and 5 inputs (4 negative and 1 positive).
Power supply: 12/24V

WIRELESS COMPATIBLE



7831

Control unit working with CAN BUS line and pre-arranged to activate GSM/GPS/GPRS systems. It can only be used on 12V negative chassis vehicles equipped with CAN BUS line and original remote control.

Power supply: 12V

Functions

- system arming/disarming by vehicle original remote control
- perimetric protection
- alarm signalling negative control
- satellite system activation output
- Led memory

7668

Voltage-drop sensor to activate GSM/GPS/GPRS systems on vehicles equipped with factory-fitted alarm systems with siren. The sensor detects the power consumption of the siren during the alarm event and activates the connected devices.
Power supply: 12V

PLIP UPGRADE ALARMS

7833K1 CAN BUS

Self-powered modular alarm unit interfaceable with original central door-locking and original CAN BUS line. Kit supplied with ultrasound volumetric sensor 5123GE.

Interfaceable with over 164 CAN BUS vehicles (stored on built-in eeprom):

ALFA ROMEO - AUDI - BENTLEY - BMW - CHEVROLET
 CHRYSLER - CITROËN - FIAT - FORD - HONDA - IVECO - JEEP
 KIA - LANCIA - LAND ROVER - MAZDA - MERCEDES
 MINI - MITSUBISHI - NISSAN - OPEL/VAUXHALL - PEUGEOT
 PORSCHE - SAAB - SEAT - SKODA - SUBARU - TOYOTA
 VOLKSWAGEN - VOLVO.

(an updated list of vehicles is available at: www.gemini-alarm.com)

The alarm software is easily upgradable via Web for any new vehicle with the MATRIX interface (7833PRG).



Features

- one rolling code override key
- waterproof micro siren
- engine immobilization
- back-up battery
- perimetric protection
- input for hardwired sensors
- LED alarm memory
- output for telematic device activation
- output for auxiliary modules
- comfort system
- 12V power supply

Programmable functions

- audible/visual warning during arming/disarming
- blinkers connection via Hazard button (only if available on vehicle)
- passive arming
- exclusion of sensors

7832K1

Same as 7833K1 but without back-up battery.

PLIP UPGRADE ALARMS

823

Universal modular alarm interfaceable with original central door-locking or blinkers (selectable connection) for arming/disarming.



Features

- rolling code override key
- waterproof micro siren
- engine immobilization
- back-up battery
- built-in ultrasonic volumetric sensor
- perimetric protection
- input for hardwired sensors
- LED alarm memory
- output for auxiliary modules
- comfort system
- 12V power supply

Programmable functions

- audible/visual warning during arming/disarming
- blinkers connection via Hazard button (only if available on vehicle)
- passive arming
- exclusion of sensors
- voltage drop sensor
- door switch polarity selection



822

Same as 823 but without back-up battery

822/24

Same as 822 but with 24V power supply

822R

With built-in RF receiver, wireless compatible

821

Same as 822 but without engine immobilization and override key. PIN override by push-button.

823/24

Same as 823 but with 24V power supply

823R

With built-in RF receiver, wireless compatible

REMOTE CONTROL ALARMS

863

Self-powered alarm unit supplied with two multi-function waterproof 4-button remote controls.

WIRELESS COMPATIBLE

Features

- universal central door-locking
- rolling code override key
- waterproof micro siren
- engine immobilization
- back-up battery
- ignition detection
- built-in ultrasonic volumetric sensor
- perimetric protection
- input for hardwired sensors
- LED alarm memory
- output for additional siren
- output for auxiliary modules
- comfort system
- 12V power supply

Programmable functions

- central door-locking pulse time (1-6 sec.)
- audible/visual warning during arming/disarming
- blinkers via Hazard button (only if available on vehicle)
- built-in voltage drop sensor
- passive arming
- automatic rearming (anti-distraction)
- automatic door-locking while driving
- double pulse unlocking
- panic function or car finder
- exclusion of siren and/or external sensors
- door switch polarity selection
- open door arming alert
- boot release
- remote starter activation



862

Same as 863 but without back-up battery.

862/24

Same as 862 but with 24V power supply

863/24

Same as 863 but with 24V power supply

861

Same as 862 but without engine immobilization and override key. PIN override by push-button.

MOTORHOME DEDICATED ALARMS

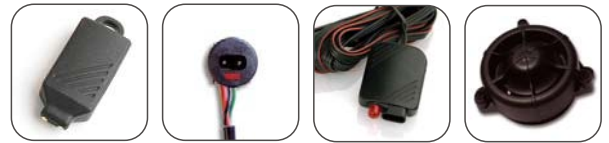
The following easy-to-fit alarms will provide complete protection to your recreational vehicles. The alarms use wireless sensors, passive infrared to protect the interior and dedicated switches for all doors, windows, and lockers.

The alarms can be activated by remote control. When passengers are inside the vehicle, the infrared and ultrasonic sensors can be deactivated while the perimetric switches stay on to protect all windows and doors.

The basic kit includes 4 switches upgradable, if necessary, to a maximum of 50.

The dedicated MH kits are supplied complete with the following devices:

NEW



863MH REMOTE CONTROL ALARM

- Waterproof micro siren
- Built-in ultrasonic volumetric sensor
- 4-button remote control
- Electronic override key
- 3 wireless sensors 807
- 1 magnetic sensor 7507



933MH CAN BUS ALARM

- Waterproof micro siren
- Built-in ultrasonic volumetric sensor
- Electronic override key
- Remote control for partial activation
- 3 wireless sensors 807
- 1 magnetic sensor 7507

Available by the end of 2009

863KITDU1 FIAT DUCATO MOUNTING KIT

The 863KITDU1 kit, especially designed for the Fiat Ducato (also Peugeot and Citroën vans and motorhomes), includes a dedicated bracket for an easy no-drill installation of the siren and the hood push-button as well as a dedicated wiring.

For the UK market, a Thatcham approved motorhome alarm is available with a special Fiat Ducato mounting kit (see pag. 22). You will find our complete range of wireless parking sensors, ideal for motorhomes, on page 15.



HARDWIRED SENSORS

4320GE

Glass break sensor

7410

Shock sensor



5123GE

Ultrasonic volumetric sensor



7530

Digital inclination sensor



7059

Hyper-frequency sensor



WIRELESS SENSORS

7507

Wireless magnetic contact



807

Wireless Camper window/door switch



7709

Wireless infrared sensor



SIRENS

1147GE

Electronic waterproof micro siren



7747

Waterproof compact magnetodynamic siren



7725T

Self-powered, waterproof, compact magnetodynamic codified siren
THATCHAM APPROVED



825/24

Self-powered, waterproof, compact magnetodynamic 24V siren
Available January 2010



CENTRAL DOOR-LOCKING KITS

839

Remote controlled module for universal central door-locking supplied with two 1-button rolling code remote controls. Blinkers during arming/disarming and output for auxiliary modules. Central door-locking pulse time (1-6 sec.)
Power supply: 12/24 V

NEW 2010



6139STD

Remote controlled module for positive/negative central door-locking supplied with standard wiring and two 1-button rolling code remote controls. Blinkers during arming/disarming and output for auxiliary modules.
Power supply: 12V



6239.02K12

2-door central door-locking kit including two 1-button rolling code remote controls, two motors and rubber insulated cable. Power supply: 12V



6239.02K13

4-door central door-locking kit including two 1-button rolling code remote controls, four motors and rubber insulated cable. Power supply: 12V



REMOTE CONTROLS

848

4-button rolling code remote control



7208E

2-button rolling code remote control



808/B

Rolling code automatic identifier for GPS systems



7218E

1-button rolling code remote control



PARKING SENSORS series 800

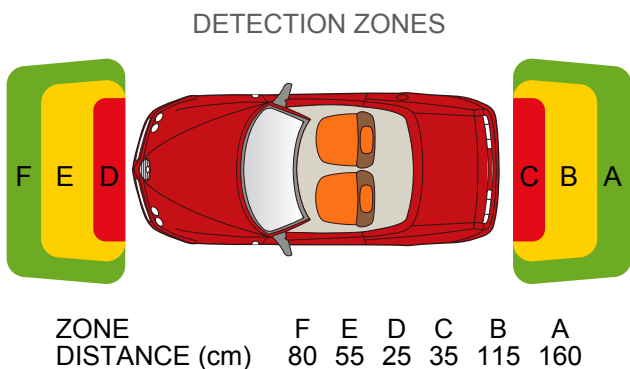
Series 800

This new 800 series is Gemini's latest range of parking sensors ensuring maximum reliability and high performance accuracy when parking or reversing. Completely waterproof and quite compact in size, the sensors can be painted to colour match any vehicle. They are easy to install on all types of bumpers, even metallic ones, internally for a flush factory-fitted look or externally with specific adapters. The parking sensors come in different models with speaker and/or LCD display.

Power supply: 12/24V

Main programmable parameters

- sensor detection zone
- stop zone
- suppression of external spare tire/tow hitch/bike rack detection
- selectable activation of front sensors with time-window or ON/OFF push-button
- speaker volume



Available versions

812: 2 rear sensors with control unit, speaker and adapters.

812F: 2 front sensors with control unit, speaker and adapters.

814: 4 rear sensors with control unit, speaker and adapters.

814D: 4 rear sensors with control unit, display, speaker and adapters.

814F: 4 front sensors with control unit, push-button, speaker and adapters.

816: 6 sensors (4 rear/2 front) with 2 control units, speaker and adapters.

818: 8 sensors (4 rear/4 front) with 2 control units, push-button for front sensors, speaker and adapters.

WIRELESS PARKING SENSORS series 800W

Series 800W

NEW

The 800 Series has further evolved in this new range of parking sensors developed using a leading-edge wireless technology which transmits data via radio waves. No cable connection is needed between the electronic control units and the display. The control units are completely water resistant and can be installed directly on the bumpers or in the engine compartment. The multi-coloured backlit LCD display integrates a wireless interface and a built-in warning speaker. Installation is fast and easy on any vehicle and bumper.

Power supply: 12/24V

These wireless parking sensors are ideal for vans and motorhomes.

Main programmable parameters

- detection ranges
- stop zone
- suppression of external spare tire/tow hitch/bike rack detection
- Activation of front sensors with time window feature or push-button
- speaker volume
- colour of display illumination
- wireless signal strength indication



Available versions

814W: 4 rear wireless sensors, hermetic control unit with wiring, display and adapters

814FW: 4 front wireless sensors, hermetic control unit with wiring, display and adapters

818W: 8 wireless sensors, 4 front/4 rear, 2 hermetic control units (front/rear) with wiring, display and adapters



GTRACK - MOTORCYCLE TRACKING SYSTEM

by **MONITORING CENTRE**
7855BASIC

(ONLY IF THIS SERVICE IS AVAILABLE IN YOUR COUNTRY)

This extremely compact (107x54x35mm) GPS/GSM tracking system with built-in engine immobilizer and digital inclination detector is completely waterproof and highly resistant to vibrations. Low current drain and high power back-up battery guarantee a long working autonomy. Full protection is provided by a Monitoring Centre on duty 24/7. The alarm comes with two 1-button rolling code remote controls and two rolling code override keys. Power supply: 12V

WIRELESS COMPATIBLE



SELF-MANAGED 7855MyBASIC

This extremely compact (107x54x35mm) GPS/GSM tracking system with built-in engine immobilizer and digital inclination detector is completely waterproof and highly resistant to vibrations. Low current drain and high power back-up battery guarantee a long working autonomy.

The MyGTRACK configuration focuses the protection of the vehicle without any third-party help. It is a cost-effective solution that lets you self-manage your own vehicle by using a mobile phone or a free web mapping service (ex. Google Maps). Alarm messages are sent directly to the user's mobile phone. In case of theft, a text message will be automatically forwarded to the user with the geographical coordinates of the vehicle's position. The user can then send a text message to immobilize the vehicle according to the local applicable laws. A text message can also be sent to remotely check if the system is armed or to activate the blinkers to find the vehicle, for example, in a crowded parking. By setting a speed limit, an excessive speed alert is received as well as the maximum speed reached during a trip. Power supply: 12V

WIRELESS COMPATIBLE

SECURITY FEATURES

7855 BASIC **7855 MyBASIC**

2x 1-button remote controls		
2x electronic override keys		
Engine immobilization		
Ignition detection		
Built-in digital inclination detection		
Anti-tamper detection		
Seat/top case alarm (only with optional push-button)		
Sleep mode		
Back-up battery with low level alarm		
Negative output for horn or siren		
Output for auxiliary modules or relay		
System status (configurable)		
Passive arming (configurable)		
Arming/disarming via mobile phone		
Periodic position control (configurable)		
Speed limit alarm (configurable)		

= standard

MOTORCYCLE ALARMS AND WIRING LOOMS

954

Remote compact alarm (97 x 68 x 35 mm - Weight: 145 g), self-powered with built-in digital inclination detection and shock sensor.

Features

- two 2-button rolling code remote controls
- rolling code override key and PIN code
- engine immobilization
- ignition detection
- built-in digital inclination detection
- built-in shock sensor adjustable via remote control
- high power piezoelectric siren
- back-up battery
- input for auxiliary sensors
- LED status indication
- low power consumption
- remote control low-battery indicator
- current drain <1 mA
- 12V power supply

Programmable functions

- audible/visual warning during arming/disarming and alarm
- passive arming
- panic alarm
- anti-hijack
- pre-alarm
- automatic rearming (anti-distraction)



953

Same as 954 but without digital inclination detection.

952

Same as 954 but without back-up battery, digital inclination detection and electronic key

WIRING LOOMS

A wide range of specific pin-to-pin wirings is available for the most common motorbikes (see www.gemini-alarm.com).



ELECTRONIC BRAKE DISC-LOCK

325F-P

Electronic brake disc-lock alarm with flat security key. Push-down lock pin diameter: 5,5mm



325P

Electronic brake disc-lock alarm with flat security key. Push-down lock pin diameter: 7mm



Brake disc-lock with built-in electronic alarm

This brake disc-lock combines two in one security systems, a mechanical alarm and a siren alarm. Inside the lock there is an electronic circuit made up of a motion detector and a piezoelectric siren powered by 6 LR44 batteries (6 extra batteries are also included in the kit). The alarm automatically arms within about 30 seconds after the lock pin is pushed down. Any attempt at disabling or breaking the lock or displacing the bike will trigger the siren which will sound for about 10" (pre-alarm). If the theft attempt continues, the alarm will go off again for another 30" otherwise it will stop and re-set itself. The alarm also serves as a warning for the owner if the lock is accidentally left in place before riding off. The alarm and the batteries are independent of the locking function, so the disk lock will still work even without batteries but the alarm will not be triggered.

XENON CONVERSION KIT

XENON CONVERSION LIGHT KIT FOR MOTORCYCLE HEADLIGHTS

This kit transforms motorcycle headlight systems into the most advanced XENON technology with maximum light for greater visibility and road safety.

8XSLB

Slim, compact sized, ballast control unit for the following bulbs:



8XH4HL-C

Kit including H/L controller and 8XH4HL bulb (standard H4) with control magnet. Replacement bulb available 8XH4HL.



8XH4HLO

Dual beam bulb, Xenon low beam and halogen high beam



Available versions

8XH1: H1 super bright bulb. Light temperature: 6000 K

8XH4: H4 super bright bulb. Light temperature: 6000 K

8XH7: H7 super bright bulb. Light temperature: 6000 K

8XH9: H9 super bright bulb. Light temperature: 6000 K

8XH11: H11 super bright bulb. Light temperature: 6000 K

G-VOICE - MOTORCYCLE COMMUNICATION KITS

HELMET HANDS-FREE KIT HELMPHONE GVO

The G-VOICE HELMPHONE is an extremely compact BT device (only 5cm x 2.9cm x 1.4cm) compatible with most bluetooth cell phones and installable on all types of helmets, jet or full-face. This full-duplex phone answering unit lets you talk freely and safely hands-free while riding.

The G-VOICE HELMPHONE kit includes:

- G-VOICE main unit
- Stereo speakers & high sensitivity microphone
- AC & USB battery charger (AC110V-220V/ 5VDC output)

Main Features

- up to 3hrs continuous talk-time, 60hrs in standby
- excellent audio performance even at high speeds
- DSP technology for a clear superior sound
- complete recharge in just 2hrs
- rechargeable from USB port of PC or with supplied 220V AC battery charger
- high capacity battery
- fully resistant to heavy rain
- easy to fit
- removable headset and BT unit
- user friendly
- mounting with adhesive-backed Velcro or specific bracket (both supplied)



G-VOICE - MOTORCYCLE COMMUNICATION KITS

HELMET INTERPHONE HYPERPHONE GV1 (single kit) and GV2 (double kit)

G-VOICE HYPERPHONE is a wireless communication and entertainment system for bikers (and skiers). Extremely compact (only cm 7,2 x 3,7 x 1,8) it is compatible with most homologated full face or jet helmets and most of the bluetooth cell phones on the market.

This multi-function hands-free two-way device can be used to:

- communicate pilot-to-passenger and bike-to-bike via interphone
- receive/make phone calls from a mobile phone
- listen to stereo music from an A2DP enabled mobile or MP3 player
- transmit audio navigation messages from a GPS (with bluetooth function or with AV Dongle interface)

The Hyperphone can be connected to 4 BT devices: a bluetooth mobile phone and 3 other units (passenger & 2 bikes or 1 bike and an audio source with a built-in or an external audio bluetooth transmitter (Mp3 or GPS).

The G-VOICE HYPERPHONE single kit contains:

- Hyperphone main unit
- Boom microphone and speakers
- AC/DC charger (AC 110-220V / DC 5V)
- Hyperphone/USB port connection cable or Hyperphone/charger
- Detachable clip for mounting the main unit

Main Features

- auto-receiving cell phone calls
- real two-way wireless BT communication (between 3 bikers, one at a time)
- advanced A2DP & EDR BT profile
- maximum talking range 500 m between two riders (in open field)
- excellent performance at speeds of up to 120 km/h
- up to 6hrs talking time and 400hrs in standby
- stereo music/audio function (transmits from A2DP enabled cell phone/MP3/GPS)
- digital signal processor (DSP) for noise and echo reduction
- complete recharge in just 3hrs
- rechargeable with computer (USB) or with AC220V charger
- high capacity battery
- all weather resistant including heavy rain and snow
- easy use with gloves
- removable and rechargeable BT device
- user friendly



GV0, GV1 and GV2 ACCESSORY LINE

- GVR1-S:** headset and boom style microphone
- GVR2-S:** headset and microphone without boom, ideal for full-face helmets
- GVR3-S:** battery charger with standard USB socket without connection cable
- GVR4-S:** standard USB cable for GVR3-S charger
- GVR5-S:** Velcro for fixing the GVR1-S and GVR2-S headset



INTERNATIONAL INSURANCE HOMOLOGATIONS



United Kingdom

Thatcham's pioneering work in vehicle security, in collaboration with vehicle and security equipment manufacturers, together with the police has brought about a major reduction in UK vehicle crime. The Thatcham security testing regime is considered to be one of the most rigorous in the world and acts as a model for crime prevention efforts internationally.

Thatcham Quality Accreditation is a robust verification program for the assessment and recognition of automotive aftermarket devices. It concentrates on building and verifying quality in the manufacture, design and performance of a product.

All of this is monitored and periodically reviewed throughout the duration of the accreditation to ensure that the levels of quality, service and performance are retained.



Netherlands

The SCM (Dutch Institute for Certification of Vehicle Security Systems) was founded in the early nineties by the Dutch Insurance Association in order to maintain the quality control of antitheft systems for passenger cars. Later on the working area has been expanded to trucks, motorcycles and in 2002 plant and earth moving machinery.

Product testing will be carried out by accredited test houses in Europe like TNO in Holland. This will be done based upon several homologation directives that are issued by the SCM. The installation quality of after market systems will be judged by inspections through an independent inspection body.

TNO supports manufacturers, suppliers, buyers and government in the assessment of products and materials, with the central issues being functionality, safety, health and the environment.



France

SRA (Sécurité et Réparation Automobiles) is the institute appointed by the insurance companies to establish the standards to which antitheft devices must comply. SRA certification guarantees a product to be highly resistant to theft attempts.



THATCHAM ALARMS

7590TK15

THATCHAM CATEGORY 1

TC2 - 1314-0904

Alarm with two points of immobilization and multi-point central door-locking.

WIRELESS COMPATIBLE

Features

- two 2-button remote controls
- override key
- universal central door-locking and comfort system
- built-in ultrasonic sensor
- self-powered coded siren
- waterproof micro-siren
- double engine immobilization
- 12V power supply

Programmable functions

- panic alarm or boot opening
- exclusion of sensors
- passive arming
- automatic rearming
- automatic door-locking when driving (safety lock)
- double pulse opening



7590T2-1

THATCHAM CATEGORY 2-1 UPGRADE

TU2 - 1361/1105

LCV APPROVED - TUL1-129/1105

Same as 7590TK15 but without engine immobilization and metal case. Ideal alarm for motorhomes.

WIRELESS COMPATIBLE



7590KITDU FIAT DUCATO MOUNTING KIT

The 7590KITDU kit, especially designed for the Fiat Ducato (also Peugeot and Citroën vans and motorhomes), includes a dedicated bracket for an easy no-drill installation of the siren and the hood push-button as well as a dedicated wiring.





THATCHAM ALARMS AND IMMOBILIZER

7621T

THATCHAM CATEGORY 2-1 UPGRADE

TU2 - 1342/0705

LCV APPROVED - TUL1-128/1008

Keyless alarm unit to be interfaced with OE central door-locking and self-powered coded siren (PLIP Alarm)

Features

- built-in ultrasonic volumetric sensors
- waterproof micro-siren
- override key
- perimeter protection
- 12V power supply

Programmable functions

- audible/visual warning during arming/disarming
- built-in voltage drop sensor
- passive arming
- exclusion of sensors



5079T
IMMOBILIZER

THATCHAM CATEGORY 2

TE2 - 1157-0400

Features

- two electronic keys
- double engine immobilization
- resin filled
- waterproof
- passive arming
- output to activate auxiliary devices (ex. tracking systems)
- 12/24V power supply





THATCHAM MOTORCYCLE ALARMS

7854T

THATCHAM APPROVED MOTORCYCLE CATEGORY 1 ALARM

TMC1 - 281-0607

Alarm unit with dual point immobilization, comes complete with wiring loom.

Features

- two 2-button rolling code remote controls
- rolling code override key (or PIN code)
- high power piezoelectric siren
- double engine immobilization
- back-up battery
- ignition detection
- input for auxiliary sensors
- LED status indication
- low power consumption feature
- built-in digital inclination detection
- remote control low-battery indicator
- built-in shock sensor adjustable via remote control
- current drain <1 mA
- 12V power supply

Programmable functions

- audible/visual warning during arming/disarming and alarm
- passive arming
- panic alarm
- anti-hijack
- pre-alarm
- automatic rearming (anti-distraction)



7854T2-1

THATCHAM APPROVED MOTORCYCLE CATEGORY 2-1 ALARM

TMCU - 282-0607

Same as 7854T but without engine immobilization.



SCM APPROVED ALARMS

7590TNK15

SCM APPROVED
KLASSE 2/3

WIRELESS COMPATIBLE

Features

- two 2-button rolling code remote controls
- electronic override key
- siren with back-up battery
- double engine immobilization
- built-in ultrasonic sensor
- universal central door-locking and comfort system
- 12V power supply

Programmable functions

- passive arming
- automatic rearming
- automatic door-locking when driving (safety lock)
- double pulse unlocking
- panic alarm or boot opening
- exclusion of sensors



7590TN.01K15

Same as 7590TNK15 but with one 1-button remote control, one 2-button remote control and two override keys.



SCM APPROVED ALARMS

7832TNK15 PLIP UPGRADE (CAN BUS)

SCM APPROVED KLASSE 2Z/3Z

Self-powered modular alarm unit interfaceable with original central door-locking and original CAN BUS line. Supplied with one rolling code override key, external micro siren and ultrasonic volumetric sensor.

Interfaceable with over 164 CAN BUS vehicles (stored on built-in eeprom):

ALFA ROMEO - AUDI - BENTLEY - BMW - CHEVROLET
CHRYSLER - CITROËN - FIAT - FORD - HONDA - IVECO
JEEP - KIA - LANCIA - LAND ROVER - MAZDA - MERCEDES
MINI - MITSUBISHI - NISSAN - OPEL/VAUXHALL - PEUGEOT
PORSCHÉ - SAAB - SEAT - SKODA - SUBARU - TOYOTA
VOLKSWAGEN - VOLVO.

(an updated list of vehicles is available at: www.gemini-alarm.com)

The alarm software is easily upgradable via Web for any new vehicle with the MATRIX interface (7833PRG).



Features

- electronic override key
- waterproof micro siren
- engine immobilization
- siren with back-up battery
- perimeter protection
- input for hardwired sensors
- LED alarm memory
- output for telematic device activation
- output for auxiliary modules
- comfort system
- 12V power supply

Programmable functions

- audible/visual warning during arming/disarming
- blinkers connection via Hazard button (only if available on vehicle)
- passive arming
- exclusion of sensors



SRA APPROVED MOTORCYCLE ALARM

7553PIF.01

SRA CLASS > 50cc. MOTORCYCLE ALARM



Features

- two 2-button rolling code remote controls
- rolling code override key (or PIN code)
- high power piezoelectric siren
- double engine immobilization
- back-up battery
- ignition detection
- input for auxiliary sensors
- LED status indication
- low power consumption feature
- built-in digital inclination detection
- remote control low-battery indicator
- built-in shock sensor adjustable via remote control
- current drain <1 mA
- 12V power supply

Programmable functions

- audible/visual warning during arming/disarming and alarm
- passive arming
- panic alarm
- anti-hijack
- pre-alarm
- automatic rearming (anti-distraction)



www.gemini-alarm.com

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