

# VEHICLE ALARM SYSTEM 'GN6I'

Models 'GN6I' and 'GN6I.a'. User manual.

'GN6I' is up-to-date vehicle alarm system designed for users looking for reliable and time saving solution. **The system is designed for today's cars with the factory remote control Central Lock.** 'GN6I' is distinguished not only by the reliable engine immobilization preventing vehicle theft but also by the option the alarm system OFF using changeable PIN code.

## 1. THE SET.

- system unit with wire harness;
- engine bonnet switch;
- user and installation manual;
- siren (optional).

## 2. SYSTEM UNIT.

System unit performs essential guarding functions, thus it is extremely important to hide it well in the passenger compartment of a vehicle. When installation of the system unit is finished, all system settings and learning of new remote controls is done by the use of PIN code. Manufacturer supplies alarm system with default 4 digit PIN code (Fig. 1) imprinted on the identification label of alarm system (Fig. 2). The user should change it into other, easy memorable, 4 digit number. It is recommended to take a note of the new PIN code, however do not keep this information inside vehicle. In addition, do not use your birthday date or home address numbers as the PIN.



Fig. 1. The PIN code.



Fig. 2. The identification label.

## 3. ARMING THE SYSTEM.

**3.1. ARMING.** Shortly press remote control LOCK button for Central Lock locking. Vehicle direction indicators flash (depending on settings of the vehicle alarm system), the doors are locking. System LED starts flashing. System is armed.

**3.2. ARMING WITH SENSOR BYPASS.** ('GN6I.a' features only). **The first way:** press the secret button with ignition OFF (confirmation – system LED flash) and during 20 seconds: get off the car, close the door and lock the Central Lock by remote control LOCK button. **The second way:** turn the ignition ON and OFF for three times (confirmation – system LED flash) and during 20 seconds: get off the car, close the doors and lock the Central Lock by remote control LOCK button. System is armed but the sensor detecting movements inside the passenger compartment is bypassed and does not trigger the alarm system. Siren signal on arming with sensor bypass **differs by it's duration** (it is available turn ON/OFF the signal by FN=64 setting), the vehicle doors, bonnet and luggage compartment are protected! 'Anti-carjack' and immobilizer features have a priority to arming with sensor bypass. It is not available to arm the system with sensor bypass by the first way (using the secret button) in case the engine immobilization is ON (long flashes of the system LED) or 'anti-carjack' is triggered (the time countdown is running). It is necessary to **turn OFF the engine immobilization or cancel the 'anti-carjack'** at first.

**3.3. ALARM INTERRUPT.** System will alarm in case the ignition is turned ON, the vehicle doors, bonnet, luggage compartment are opened or sensor is triggered. For alarm interrupt: disarm the system and afterwards arm the system again.

**3.4. CLOSING WINDOWS AND SUNROOF ON ARMING.** It is possible to mount and set up 'GN6I' in a way to have a 40 second pulse in optional output/input for closing of power windows and/or sunroof.

## 4. DISARMING THE SYSTEM.

**4.1. DISARMING.** Shortly press remote control UNLOCK button for Central Lock unlocking. Vehicle direction indicators flashing (depending on settings of the vehicle alarm system), the doors are unlocked, system LED switches OFF. System is disarmed.

## 5. SERVICE MODE.

**5.1. TURNING SERVICE MODE ON.** 'GN6I' features service mode for such cases as loss of remote control for central Lock, remote's battery discharge or car repairs. With this mode ON alarm system does not respond to sensor, does not immobilize the engine and does not alarm, system LED flashes frequently. Service mode is turned on using the PIN code.

**5.2. ENTERING THE PIN CODE.** Open vehicle door and turn the ignition ON. Shortly after the system LED starts flashing double flashes, count till the number of double flashes (1 double flash=1) corresponding with digit 1 of the PIN code. Turn the ignition OFF for a short time and turn it ON again. Count double flashes till the number corresponding with digit 2 of the pin code. Turn the ignition key OFF and ON again. Enter remaining two numbers of the PIN code respectively. Upon correct entry of all four digits of the PIN code LED emits frequent flashes. If you make a mistake when entering the PIN code: turn OFF the ignition, close the doors, and follow 5.2 steps all over again.

**5.3. ALTERNATIVE WAY TO ENTER THE PIN CODE.** ('GN6I.a' features only) Digits of the PIN code can be entered by pressing the secret button. Press the secret button till, the number of presses would correspond to digit 1 of the PIN code. The time between the presses can't exceed 1 second, after entering of first digit wait for a long (1 second) LED flash. The rest digits of PIN code are entered in the same way, there is no need to turn the ignition ON/OFF and open or close the vehicle doors. If 'anti-carjack' or immobilizer features are activated, the system responds to the first press of a button as to a control of anti-carjack' or immobilizer functions. The system responds to next presses as to the entering of PIN code.

**5.4. TURNING SERVICE MODE OFF.** Enter the PIN code and during 8 minutes afterwards enter FN=11 in a way as described in 5.2 or 5.3 (GN6I.a features only).

**5.5. CUSTOMIZING THE PIN CODE.** A user is provided with possibility of changing PIN code. This requires:

- a) enter current PIN code, system LED emits single flashes frequently; įvesti esamą PIN kodą;
- b) in the same way as with PIN code entering as described in 5.2 or 5.3 ('GN6I.a' features only), enter 2-digit code FN=88. The entry will be confirmed by short flash of direction indicators;
- c) within 8 minutes enter the new PIN code twice, one after another as described in 5.2 or 5.3 ('GN6I.a' features only). If in both cases the same code is entered, the system will record this as the new PIN code and confirm it by short siren signal. If a mistake by entering PIN code follow steps from 5.5 c over again.

## **6. EXTRA FEATURES.**

**6.1. INNER IMMOBILIZER.** With inner immobilizer ON, every time when the system is disarmed, system LED starts flashing with long flashes. Subsequent start of the engine is possible with immobilization is cancelled only. Engine immobilization can be cancelled by pressing secret button—system LED switches OFF.

**6.2. PROTECTION AGAINST ROBBERY ('ANTI-CARJACK').** It is allowed to use this feature if vehicle is operated outside the EU (in countries not applying the UN EEC Regulation No 97). Description of the function: after turning the ignition ON (FN=22, SN=3), after turning the ignition ON or opening the door with ignition ON (FN=22, SN=2) it is necessary to press a secret button (cancel the 'anti-carjack'), cancelling is confirmed by 1 second LED flash, otherwise when the time preset by feature FN=24 is elapsed siren will sound and direction indicators start flashing. **Even after 10 seconds the engine will be immobilized** and alarm system armed (setting FN=23, SN=2) or **the engine is immobilized just after turning the ignition OFF** with subsequent system arming (setting FN=23, SN=1). **Alarm and engine immobilization can be cancelled by pressing a secret button only.**

**6.3. AUTOMATIC REARMING.** Alarm system is automatically armed in case the vehicle door, bonnet or luggage compartment not opened or the ignition not turned ON within 45 seconds after system is disarmed. The doors are not locked! It is possible to set non-response time to door opening after system is disarmed or turn OFF auto-rearming feature.

**6.4. AFTER ARMING THE SYSTEM** will not react the preset time (manufacturer setting – 5 seconds, possible to set 45 seconds) to door, luggage compartment or bonnet, shock/tilt or ultrasonic sensor trigger. If system generates **three short siren beeps** when preset time exceeds, **it indicates that doors, luggage compartment or bonnet are not closed.** The system is armed, but the open entry (door for example) is not protected until is closed. The system will confirm entry close by short siren signal and single flash of direction indicators.

**6.5. UPON DISARMING THE ALARM DIRECTION INDICATORS FLASH** 4 times if the system was alarming before disarming.

**6.6. PAGER CONTROL.** 'GN6I' features pager control possibility. In case the system is in armed state the door, bonnet luggage compartment is opened, the ignition is turned ON or the sensor's inner (alarm) zone is triggered the system will send the alarm signal to pager. It is available to set up the system for sending the extra alarm signal to pager in case the sensor's outer (pre-alarm) zone is triggered.

**6.7. ALARMING THROUGH GSM NETWORK.** Today's telecommunication technologies allow to increase the car safety and comfort of using vehicle alarm systems by relatively low-cost means. It is possible to connect 'GN6I' to GSM communicator 'GSW1'. Vehicle alarm system 'GN6I', GSM communicator 'GSW1' and shock/tilt sensor KSD installation lets driver to reduce a chance of conflict situations at sites with complicated parking or to feel more safe in case the car is parked away from home. It can call to 3 pre-programmed phone numbers and report by voice about the danger and it's cause, or send SMS message to first number, in case of opening the vehicle door, luggage compartment or bonnet, turning ignition ON (attempt to start the engine) or triggering sensor's inner (alarm) zone, when system is armed. Read 'GSW1' user manual for more info.



Fig. 3. GSM communicator 'GSW1'.

## **7. WARRANTY STATEMENT.**

**7.1. MANUFACTURER AND DISTRIBUTOR OF ALARM SYSTEM 'GN6I'** accepts no liability for possible vehicle or belonging from vehicle theft.

**7.2. WARRANTY TERM FOR VEHICLE ALARM SYSTEM 'GN6I' IS 24 MONTHS**, warranty term being calculated from the day of the purchase. If no original receipt is available, the term starts from the day of alarm system manufacturing indicated on the identification label (for sample, 848 means year 2008 and week 48). Warranty does not cover bonnet switch, LED indicator, remote control casings and batteries. Warranty becomes void: in case of any modifications, incorrect installation, misuse, mechanical, chemical, and electrical damage, in other cases having no relation to manufacturing faults of the alarm system.

In case the alarm system gets out of order or operates incorrectly, please contact the installer of your alarm system for all warranty and post-warranty service. Statistics shows that in most cases alarm system operates incorrectly because of improper installation or vehicle defects. Manufacturer of the alarm system – KODINIS RAKTAS – does not provide consultancy for private users on issues of installing or operations of alarm systems. For more details on manufacturer, products and FAQ visit website at [www.kodinis.lt/en](http://www.kodinis.lt/en). KODINIS RAKTAS declares that product 'GN6I' complies with the essential requirements of EU directive 1995/5/EC. See manufacturer's web site for complete text of declaration. Vehicle alarm system 'GN6I' is being manufactured in Lithuania in compliance with the corporate standard IST2365999-02:2004.