

**Hidden security systems**

**PRIZRAK**

SLAVE

ALARM

SYSTEM

**700  
710**

USER  
MANUAL





**Please make sure that PUK code protection layer is intact**

Please remember to change PIN code settings from factory default



## Master Definitions

**What is PIN code?** .....

PIN code is a secret combination of original vehicle button(s) pressings. PIN code needs to be entered prior to vehicle movement.

**What is the Prizrak button?** .....

Prizrak button is one or several original vehicle buttons used for entering the PIN code.

**What is the Programming button?** .....

Programming button is the original vehicle button assigned by installation specialist for Slave alarm system programming (setting).

**What is Immobilizer feature?** .....

Immobilizer feature is a protective function that prevents vehicle from movement.

**What is Anti HiJack feature?** .....

Anti HiJack feature is hijacking protection function that locks the engine should the vehicle be hijacked while the owner is securely away from the vehicle.

Seven advises or fast facts

see the last page



**Please note sections marked with  sign**

- ◇ This User manual is applicable for Prizrak-700 and Prizrak 710 Slave alarm systems.
- ◇ Immobilizer and Anti HiJack features are implemented only in Prizrak-710 Slave alarm system.
- ◇ Slave alarm system is to be installed in certified service center as per Technical Manual.

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### Seven advises or fast facts


# Operation

## Alarm system

Prizrak Slave alarm system (hereinafter referred to as the Alarm) is designed for protecting the vehicle from being stolen from parking location and from being hijacked. The Alarm also notifies should the vehicle be tampered with while it is parked.

### Arming / Disarming

In order to arm the Alarm please press the  button of the remote control or lock the vehicle in any other way provided by the manufacturer: with keyless access system or driver's door lock. The Alarm will notify you that it has been armed with a single audible signal under condition that all the doors, hood and trunk are closed.

In order to disarm the Alarm please press the  button of the remote control or unlock the vehicle with keyless access system. The Alarm will notify you that it has been disarmed with double audible signal under condition that it has not been triggered

### Arming diagnostics




If you have left a door, hood or trunk open and have armed the vehicle, three audible signals will be heard right after arming the vehicle.

The LED will inform you on what you have forgotten to close with a certain number of blinking (see table 1. Arming diagnostics for details).



If you leave a door (hood, trunk) open, the Alarm will not control its position and may not register vehicle penetration through this door. You can close the door (hood, trunk) without cancelling the arming, upon which the Alarm will automatically place it under its control.

**Table 1. Arming diagnostics**

Number of LED indicator blinks	The following is open when arming:
 x2	Hood
 x3	Trunk
 x4	Doors







# Operation

## Disarming diagnostics

If the Alarm has been triggered, you will hear three audible signals when disarming.

Prior to turning the ignition on the Alarm will inform you on the triggering reason with a certain number of LED blinks (see table 2. Triggering diagnostics for details).

**Table 2. Triggering diagnostics**

Number of LED indicator blinks	Alarm trigger reason
 x2	Hood was opened
 x3	Trunk was opened
 x4	Door(s) was opened
 x5	Shock sensor was triggered (alarm)
 x7	Shock sensor was triggered (warning)
 x9	Protection of public order function was triggered

## Alarm triggering

In the Security mode, the Alarm can react to actions with your vehicle in two ways: warning and alarm. The warning triggers when there are weak effects on the shock sensor, e.g. due to vibrations caused by passing transport. In this case the siren emits several short signals. Alarm signal is activated if any of the doors, hood or trunk were opened and when there was a strong effect on shock sensor. Siren will be on for 30 seconds and hazard lights will blink.



Shock sensor sensitivity can be adjusted. Should it be necessary, please contact your installation specialist.

# Operation

## Protection of public order function

If the alarm has been triggered three times in one hour via the shock sensor, the Alarm will stop responding to the sensor. The Alarm will continue responding to the sensor only after the effects on the sensor will not repeat within an hour. This function cancels the alarm system but does not cancel the shock sensor warning signal.

## Arming with shock sensor deactivation

There are situations when it is preferable to deactivate the shock sensor when arming the vehicle, e.g. when you leave your vehicle near a busy road or a construction site

In order deactivate the shock sensor:

- ◇ Arm the vehicle
- ◇ Rearm the vehicle within 3 seconds. The siren will emit one long and one short signal (warning mode will switch off). The alarm will not respond to weak effects on the vehicle.
- ◇ Within the next 3 seconds rearm the vehicle. The shock sensor will completely deactivate.

## Opening the trunk without disarming

You can open the vehicle's trunk without disarming the vehicle via original remote control or keyless access system. While the trunk is open the Alarm will continue controlling the doors, thanks to which the vehicle will be protected from interior penetration. When you close the trunk the Alarm secures it again.

## Prizrak and Programming buttons

- ◇ **Prizrak button** is one or several original vehicle buttons used for entering the PIN code. You can change Prizrak button voluntarily. Please consult with your installation specialist on the list of available buttons.
- ◇ **Programming button** is one of original vehicle buttons assigned by installation specialist for Alarm programming.



Prizrak and Programming buttons may match.

Vehicle buttons used as Prizrak button or Programming button will continue performing their original functions. For example, if the window lifting button is used, window regulator will be activated. You should not be concerned that multiple use of the button may cause the button or its function to be lost. Mechanisms and feeds of modern vehicles are equipped with secure protection systems.



# Operation

## PIN and PUK codes

### PIN code

PIN code is a secret combination of original vehicle button(s) pressings. PIN code needs to be entered prior to vehicle movement.

PIN code is a one-, two-, three- or four-digit number. Each digit is a figure from 1 to 9.

PIN code can be promptly changed numerous times by both technical specialists during Alarm installation or by you during day-to-day vehicle use.

Upon Alarm installation the factory-set PIN code is to be changed for the purposes of providing the proper secrecy level. If the PIN code is not changed, a beep tone will be activated after factory-set PIN code entering in order to remind the necessity of PIN code changing.

### PIN code entering

PIN code is entered with vehicle ignition and engine on by steadily pressing the Prizrak button. When entering one of the PIN digits, please make sure that pressure or pause duration is no longer than 1 second.

### PIN code entering sequence

- ◇ Turn the ignition and engine on
- ◇ Enter the PIN code
- ◇ Wait for audible confirmation trill

### PUK code

PUK code completely replaces the PIN code but cannot be changed during operation. PUK code is under the protective layer on the plastic card. PUK code entering is carried out by Programming button with 2-second pause after each digit.



Please use the PUK code only in case if you forgot or lost the PIN code. Upon successful PUK code entering you will be able to program a new PIN code.

Please keep the pause of approximately 2 seconds in between the digits. If you made a mistake while entering the PIN code, please wait for longer than 3 seconds and re-enter the PIN code.

# Operation

## Available PIN code entering options

 ,  ,  ,  ,  buttons are used as an example. Please counsel with your installation specialist for the list of available buttons.

### Single-button PIN code entering

One-digit PIN code:



Two-digit PIN code:



### Multiple buttons PIN code entering

When entering the PIN code you need to keep in mind the button pressing sequence.

One-digit PIN code:



Two-digit PIN code:



### Immobilizer feature

Immobilizer feature is designed for preventing the vehicle from being stolen from its parking area. Every time before movement you need to enter the PIN code otherwise the engine will be locked.

There are 2 different lock responses:

- ◇ The engine will be turned off right after the vehicle starts moving if the Speed control\* is on.

- ◇ The engine will be turned off within 5 seconds after the ignition has been turned on if the Speed control is off.

You do not need to enter the PIN code again if the ignition has been off for less than 30 seconds.



You can turn the engine on prior to entering the PIN code. But the driving can begin only upon successfully entering the PIN code after the PIN confirmation audible tone has been sounded.

\* In some rare cases this feature is not supported depending on the vehicle make and model.

# Operation

## Anti HiJack feature

Anti HiJack is the function preventing the vehicle from being hijacked or stolen from its parking area. Should there be an attempt to hijack the vehicle; the Alarm will lock the engine while you are safely away from the vehicle.

There are 2 different lock response algorithms:

- ◇ The engine will be turned off at a set distance covered by the vehicle from the moment when the ignition has been turned on and driver door was opened if the Speed control\* is on.
- ◇ The engine will be turned off upon a set time interval after a certain number of brake pedal pressings if the Speed control is on

The availability of these algorithms depends on the vehicle model features and Alarm program settings. The distance covered or time interval length and number of brake pedal pressings can be set by you in the Alarm settings. The distance can be set within 100 – 1000 meters range; time interval length can be set within 20

seconds – 3 minutes and 20 seconds; brake pedal pressings number can be set in 1 to 7 range.

PIN code is to be entered when the ignition has been off for longer than 30 seconds or after the driver's door had been opened.



You can enter the PIN code when driving if the engine had not been locked prior to that.

If the PIN code is not entered, Anti HiJack will respond by activating the locking mode. Prior to engine locking a sound alarm indicating the necessity of PIN code entering will be activated. In order to prevent accidents and warning the other vehicle owners, vehicle's hazard lights will be activated 10 seconds prior to engine locking.

Upon engine locking the hazard lights will remain on for 15 seconds or until the ignition is on.

The locking mode can be stopped at any moment by entering the PIN code.

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\* In some rare cases this feature is not supported depending on the vehicle make and model

# Operation

## Maintenance mode

Maintenance is an operation mode when all theft prevention and service functions of the Alarm are temporarily deactivated.

When the ignition is turned on in Maintenance mode, an audible tone is sounded that reminds you on the fact that the Alarm is in maintenance mode. The audible tone can be turned off for secrecy level increase.



Maintenance mode audible notification is to inform you that you need to deactivate the Maintenance mode when your car is out of the maintenance.

In order to activate or deactivate the Maintenance mode you need to do the following:

1. Turn the ignition on
2. Enter the PIN code and wait for confirmation
3. Press the Programming mode 6 times (start doing it no later than 10 seconds after PIN code entering).

Please wait for confirmation that you have successfully performed the actions:

- ◇ 1 audible signal and 1 sound trill mean that the Maintenance mode is ON.
- ◇ 2 audible signals and 1 sound trill mean that the Maintenance mode is OFF.

## Additional features

The Alarm has additional features improving the vehicle security level

### Automatic windows closing

The Alarm can be programmed so that the vehicle's windows are closed when the vehicle is locked.

### Electro-mechanic hood lock control

The Alarm allows closing an accessory hood lock in time with vehicle locking and opening the hood lock when the PIN code has been entered.

### Central locking system control

If your vehicle is not equipped with the following functions:

- ◇ Doors locking during driving
  - ◇ Doors unlocking upon turning the ignition off
- They can be carried out by the Alarm.

# Settings

## Changing the Alarm settings

When programming, please refer to Table 3 and its annotations

- 1 Turn the ignition on
  - 2 Enter the PIN code and wait for confirmation
  - 3 Activate the Alarm setting mode by pressing and releasing the programming button 12 times (start doing this not later than 10 seconds after the PIN code has been entered). If you have performed all the actions correctly, the Alarm will notify you by 4 audible signals.
  - 4 Select the menu option by pressing and releasing the Programming button as many times as it corresponds with the menu option number. The Alarm will notify you on the menu option number by series of audible signals.
  - 5 Go to menu option setting by pressing and holding the brake pedal. The Alarm will inform you on the option setting by series of audible signals. Please note that their length will be changed during this process.
  - 6 In order to change the option setting, please press and release the Programming button as many times as it is necessary to change the current setting to the required one. When changing the option setting please note that the last setting is followed by the first setting.
  - 7 Release the brake pedal. Now you can go to programming of another menu option or exit the setting mode.
  - 8 In order to start programming another menu option press and release the Programming button as many times as it is needed to navigate the menu to the required option. For example, in order to go from Option No. 2 (Anti HiJack feature) to Option No. 6 (Sound confirmation of PIN code entering) press and release the Programming button 4 times
- You can stop programming and exit the setting mode anytime by turning the ignition off. If no actions are taken within 60 seconds and the brake pedal has not been pressed, the Alarm will automatically exit the setting mode. When the mode is no longer on, an audible trill will be sounded.

# Settings

**Table 3. Alarm settings (Menu 2)**

No.	Description	Current option setting					Range
		Factory default settings	On		Off		
			LED	Qty. of audible signals	LED	Qty. of audible signals	
1	Immobilizer feature	On	On	1	Off	2	-
2	Anti HiJack feature	On	On	1	Off	2	-
3	Speed control	On	On	1	Off	2	-
4	Number of brake pedal pressings	3	-	-	-	-	From 1 to 7*
5	Anti HiJack feature response delay	1	-	-	-	-	From 1 to 10*
6	PIN code entering audio confirmation	On	On	1	Off	2	-
7	Maintenance mode audio indication	On	On	1	Off	2	-
8	Central locking when driving	Off	On	1	Off	2	-
9	Central lock unlocking when ignition is turned off	Off	On	1	Off	2	-
10	Automatic windows closing	On	On	1	Off	2	-
11	Siren operation in alarm mode	On	On	1	Off	2	-
12	Arming / disarming audible confirmation	On	On	1	Off	2	-

\* – number of audible and light signals is indicated.

# Settings

## Annotations to Table

- p. 1 "Immobilizer feature" allows turning the Immobilizer feature on or off.
- p. 2 "Anti HiJack feature" allows turning the Anti HiJack feature on or off.
- p. 3 "Speed control" allows setting the lock activation algorithm for Immobilizer and Anti HiJack features.
- p. 4 "Number of brake pedal pressings" allows setting the brake pedal pressings number necessary for Anti HiJack feature responding. If the Speed control is on, the setting of p. 4 does not affect anything.
- p. 5 "Anti HiJack feature response delay" allows setting the distance before locking (Speed control is on) or time before locking (Speed control is off). The time is set by 20 second intervals; the distance is set by 100 meter sections. For example, if the option's setting is 3, then:
- ◇ время до блокировки 60 секунд,
  - ◇ расстояние до блокировки 300 метров.
- p. 6 "PIN code entering audio confirmation" allows turning PIN code entering audio confirmation on or off.
- p. 7 "Maintenance mode audio indication" allows turning Maintenance mode audio indication on or off.
- p. 8 "Central locking when driving" allows turning the automatic central locking when driving feature on or off.
- p. 9 "Central lock unlocking when ignition is turned off" allows turning the automatic central lock unlocking upon ignition feature deactivation on or off.
- p. 10 "Automatic windows closing" allows turning automatic windows closing during vehicle locking on or off.
- p. 11 "Siren operation in alarm mode" allows turning siren activation in alarm mode on or off.
- p. 12 "Arming / disarming audible confirmation" allows turning silent arming / disarming on or off.

# Settings

## Changing the PIN code

- 1 Turn the ignition on
  - 2 Enter the PIN code (if the PIN code is lost please enter the PUK code with Programming button) and wait for confirmation.
  - 3 Press the Programming button 14 times. Wait for confirmation by 1 audible signal.
  - 4 Set the new PIN code. You can use any vehicle button but the Immobilizer perceives only the buttons that are confirmed by the audible signal.
  - 5 Wait for confirmation by 1 audible signal.
  - 6 Re-enter the new PIN code.
- 7 Wait for confirmation:
    - ◇ 2 audible signals and a sound trill mean that the PIN code has been changed and the Alarm has left the PIN code changing mode.
    - ◇ Audible alert means that the PIN code has not been changed and the Alarm has left the PIN code changing mode. A mistake has been made when entering the new PIN code confirmation and it is necessary to repeat the PIN code changing procedure starting from p. 1.

You can exit the PIN code changing mode anytime by turning the ignition off.

## Programming example

Objective: You would like to change the factory settings of the Alarm. For example, you would like to increase the Anti HiJack activation distance from 100 to 300 meters.

Execution:

- 1 Turn the ignition on.
  - 2 Enter the PIN code and wait for confirmation.
  - 3 Enter the Alarm setting mode by pressing and releasing the Programming button 12 times (start doing it no longer than 10 seconds after entering the PIN code).
- 4 Select the programming option for setting the Anti HiJack activation distance. According to Table 3 "Alarm settings" option No. 5 is to be selected. To do so, press and release the Programming button 5 times. The Alarm will inform you on the selected menu option number by series of 5 audible signals

If you have performed all the actions correctly, the Alarm will notify you of it with 4 audible signals.



## Settings

- 5 Enter option No. 5 by pressing and holding the brake pedal. The Alarm will inform you on the option setting by repeated single audible signals because the current (factory set) option setting is 1 (which stands for 100 meters distance).
- 6 Change option No. 5 setting by pressing and releasing the Programming button twice, therefore increasing the option setting by 2 ( $1+2=3$ ). The Alarm will inform you on the option setting with series of 3 audible signals (300 meters).
- 7 Exit option No. 5 by releasing the brake pedal. The Alarm will inform you on the current menu option number with series of 5 audible signals.
- 8 Exit the setting mode by turning the ignition off.

## Seven advises or fast facts

- 1 I am certain of my safety when driving**  
«Immobilizer» - **On** «Anti HiJack» - **Off**

If you are certain that your vehicle will not be hijacked, just leave the Immobilizer feature on, which will prevent the vehicle from being stolen from its parking area and will spare you the necessity of entering the PIN code every time you open the driver's door.

- 2 My car is safely secured in its parking area**  
«Immobilizer» - **Off** «Anti HiJack» - **On**

If your vehicle is safely secured in its parking areas (garage, guarded parking lot). Do not waste time with entering the PIN code. Start driving right after the engine starts. Anti HiJack will remind you that PIN code needs to be entered and will protect you while you drive.

- 3 PRIZRAK in theft prevention comprehensive solution will be a shocking surprise for the car thief**  
«Immobilizer» - **Off** «Anti HiJack» - **On**

Car thief's goal is to start the vehicle's engine and get away with the car by deactivating all the vehicle security comprehensive solution protection layers (car alarm, mechanical locking unit, satellite system). PRIZRAK is the last line of defense. Without compromising itself, it will allow the thief to start the engine. It will even allow the thief to start driving, but the countdown of meters covered will start. When it reaches zero, the engine will be stopped. What can a thief do then? – RUN!

- 4 Защита на все случаи жизни**  
«Immobilizer» - **On** «Anti HiJack» - **On**

- 5 Mark your secure area**

Set the distance of engine locking activation in meters. Should the vehicle be hijacked, this would get the thieves away from you and keep you safe.

- 6 Перейди на уровень повышенной секретности**

Deactivate the audible PIN code entering confirmation. Use as complex combination of digits and buttons for the PIN code as you can. Key thing is to remember it.

- 7 Don't tell anyone**

Always use the Maintenance mode when you put your car for maintenance or simply visit a car wash etc. This will spare you from telling your PIN code to anyone. Keep your PIN code as a secret. Change it as soon as it is compromised.

For additional information please visit:  
[www.prizrak.ru](http://www.prizrak.ru)

Technical support:  
**8-800-333-8338**

WWW.PRIZRAK.RU



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