

SYSTEM DESCRIPTION

The Keetec BLADE car alarm is designed for vehicles with 12/24V power supply. It is used to monitor doors, trunk and hood. After disruption the system indicates alert by optical signaling (hazard lights) and sound signaling (siren). System is operated by using the original remote control. Alarm can be connected to vehicle by analogue connection or CAN Bus connection. Can bus provides the information about doors, trunk or hood opening, locking/unlocking the vehicle by remote control.

SYSTEM ARMING

- press LOCK button on original remote control from the vehicle.
- siren will beep 1x or will not beep (depending on system configuration).
- directional lights will flash once.
- central locking system will lock, alarm will be activated
- if doors or hood aren't closed, siren will beep 5x.

SYSTEM DISARMING

- press UNLOCK button on original remote control from the vehicle.
- siren will beep 2x or will not beep (depending on system configuration).
- directional lights will flash 2x.
- central locking system will unlock, alarm will be deactivated

AUTOMATIC REARMING

If you don't turn the ignition on or open the door within 90 seconds after disarming the alarm, it will be automatically rearmed. (if is function enabled)

AUTOMATIC ARMING AFTER TRIGGERED ALARM

- When the alarm is triggered, siren will sound for 30 seconds. After that, system stays armed. If the input that triggered the alarm is still disturbed after 30 seconds, the system automatically ignore it until input become calm.

SIREN AND DIRECTION LIGHTS WHEN ALARM IS TRIGGERED

When alarm is armed and is triggered by some of the inputs, siren sounds and directional lights flashes for 30 seconds. Alarm triggered secured zone can be repeated 5 times. After disarming and arming the system, alarm can be repeated 5 times again.

ENTERING THE VALIDATION SEQUENCE

Maximum of 4 validators can be used to enter a validation sequence, i.e. 4 vehicle controls. The maximum number of validator presses is 10. The system can recognize validation elements using the analog inputs „Validator“ or via the digital CAN bus protocol. Some buttons are available only when ignition is switched on.

Because of security reasons learning of validation sequence can be provided only by the installing center.

Off

Alarm is controlled by the original remote control. The validation sequence is turned off.

IGNITION mode

Starting the vehicle conditioned by the user's authorization, ie by entering the validation sequence. Authorization is confirmed by 3 beeper beeps. The authorization is valid for 120 seconds or 60 seconds after the ignition is switched off (engine was started).

DISARM mode

Deactivation of the system conditioned by unlocking the vehicle with the original remote control and entering the validation sequence. Authorization is confirmed by 3 beeper beeps.

If the sequence is not entered within 15 seconds when doors were opened or the ignition was switched on, a short warning beep will sound.

An alarm is triggered if the sequence is not entered within 20 seconds when doors were opened or the ignition was switched on

BOTH mode(IGNITION+DISARM)

Deactivation of the system conditioned by unlocking the vehicle with the original remote control and entering the validation sequence. Authorization is confirmed by 3 beeper beeps. The authorization is valid for 120 seconds or 60 seconds after the ignition is switched off.

If the sequence is not entered within 15 seconds when doors were opened or the ignition was switched on, a short warning beep will sound.

An alarm is triggered if the sequence is not entered within 20 seconds when doors were opened or the ignition was switched on.

SERVICE MODE

We recommend to activate the service mode before leaving the vehicle in a workshop or parking service. In this mode, the system stops performing all blocking activities. It is not necessary to announce them your way of authorization.

ACTIVATION

- Make sure the ignition is off.
- To activate the service mode, deactivate the system and enter the service PIN code using the service button.
- Press and hold the service button for 5 seconds (until the LED indicator on the service button lights up). Release the button.

- Press the service button as many times as the value of the first digit of the PIN code, the LED indicator flashes 3 times
 - Press the service button as many times as the value of the second digit of the PIN code, the LED indicator flashes 3 times
 - Press the service button as many times as the value of the third digit of the PIN code, the LED indicator flashes 3 times
 - Press the service button as many times as the value of the fourth digit of the PIN code, the LED indicator flashes 3 times
- Activation of the service mode is announced by 5 beeps of beeper. Service mode is signaled by the LED indicator on the service button when the ignition is switched on. Default PIN code is **(4321)**.

DEACTIVATION OF SERVICE MODE

Make sure the ignition is off. Enter the service PIN code using service button in the same way as when activating. Deactivation of the service mode is announced 5 beeper beeps. Default PIN code is **(4321)**.

VI. EMERGENCY DEACTIVATION

- Press and hold the service button for 5 seconds (until the LED indicator on the service button lights up). Release the button.
- Press the service button as many times as the value of the first digit of the PIN code, the LED indicator flashes 3 times
- Press the service button as many times as the value of the second digit of the PIN code, the LED indicator flashes 3 times
- Press the service button as many times as the value of the third digit of the PIN code, the LED indicator flashes 3 times
- Press the service button as many times as the value of the fourth digit of the PIN code, the LED indicator flashes 3 times, beeper beeps 2 times, system is deactivated. Default PIN code is **(4321)**

PIN CODE CHANGE

Changing of PIN code can be provided only by the installing center. PIN code is written on owner's card. Default PIN code is **(4321)**.

ALARM MEMORY

Car alarm even after disconnecting the power supply maintains the state in which it was before disconnecting.

TECHNICAL PARAMETERS

Voltage	12/24V
Operating temperature of device	-40 °C up to 80 °C
Sleeping consumption*	2mA
Max current for universal output	(12V-150mA)/(24V-75mA)
Max current of output "siren"	(+) (12V-1A/24V-0.5A) (-) (12V-150mA/24V-75mA)

* without additional sensor