



## SYSTEM DESCRIPTION

KEETEC TS CAN car alarm is designed for vehicles with remote central locking system and with 12V power supply. It is used to monitor doors, trunk and hood. After disruption system indicates the alert by optical signalisation (directional lights) and sound signalisation (siren). When car alarm is turned on, immobilizer is activated too, which interrupts the starter circuit and thereby prevents unauthorized starting of the vehicle. TS CAN is operated using the original remote control from the vehicle.

## I. SYSTEM FUNCTION

### SYSTEM ARMING

- press LOCK button on original remote control from the vehicle.
- siren will sound 1x or will not sound (depending on system configuration).
- directional lights will flash once or so many times as at the locking the original central locking system by original remote control from the vehicle.
- central locking system will lock, alarm will be activated and immobilizer circuit will be interrupted.
- after 5 or 30 sec. (depending on system configuration) the system is armed. LED diode flashes slowly. All sensors are armed. If one of the sensors is breached within 5 or 30 seconds, siren sounds twice and system will ignore it until it's calmed down.
- if doors or hood aren't closed within 5 or 30 sec., siren will sound 4x, if trunk is not closed within 5 or 30 sec., siren will sound 2x.

### SYSTEM ARMING WITHOUT ADDITIONAL SENSORS

Turn off the ignition and press the service button on LED diode. Close all doors and activate the alarm. System is now activated without additional sensors. All doors are protected, also trunk, engine compartment and ignition. Turning off the additional sensors is only a single function. When you activate the alarm, sensors are active again.

### SYSTEM DISARMING

- press UNLOCK button on original remote control from the vehicle.
  - siren will sound 1x or will not sound (depending on system configuration).
- When siren sounds 4x after disarming the system, the alert was triggered during patrol.
- directional lights will flash 2x or so many times as at the locking the original central locking system by original remote control from the vehicle. If directional lights flashes 4x after disarming the system, the alert was triggered during patrol.
  - central locking system will unlock, alarm will be deactivated and immobilizer circuit will be activated
  - LED diode is off. If the alarm was triggered during patrol, LED diode will signalize which alarm input was triggered by the number of flashes.

**2 flashes** - alarm from additional sensor

**3 flashes** - alarm from door contacts

**4 flashes** - alarm from hood

**5 flashes** - alarm from trunk

**6 flashes** - alarm from ignition turned ON

### EMERGENCY PANIC ALARM

If you push LOCK button 3x on original remote control within 5 seconds, emergency PANIC alarm will be activated. Siren will sound and directional lights will flash for 30 seconds. Alarm will be deactivated by pressing any of the buttons on RC.

### AUTOMATIC REARMING

If you don't turn the ignition on or open the door within 20 seconds after disarming the alarm, it will be automatically rearmed.

### AUTOMATIC ARMING AFTER CLOSING LAST DOOR

- after turning off the ignition and closing the last door, car alarm will automatically turn on after 30 seconds.
- if you open the doors within 30 seconds after closing the last door, car alarm will turn on 30 seconds after closing them.

### SYSTEM ON REMINDER

If function „Automatic arming after closing last door“ is not activated, system after 10 seconds (and after closing last door) reminds that is not active (beep twice).

### ALARM MEMORY

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

### IMMOBILIZER

After car alarm is turned on, immobilization output is active until alarm is turned off again.

### 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.

### TRUNK OPENING

Press TRUNK button on original remote control from the vehicle. If trunk is opened, system automatically ignore signals from trunk contacts and ultrasonic sensors. After 4 second from closing the trunk sensors will be active again.

### 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 by door contacts can be repeated 8 times. After disarming and arming the system, alarm from door contact can be repeated 8 times again. Alarm triggered by turning ignition ON can be triggered infinitely times. Siren sounds until ignition is turned on.

## II. EMERGENCY DISARMING

- open the door and turn ignition on.
- push the valet button so many times, which is the value of the first number in PIN code within 8 seconds and then turn off the ignition. If the security mode is turned off, siren will sound 2 times, direction lights will flash 2 times and system will be disarmed. If the security mode is active, LED will start to flash slowly. Enter the security mode. If you have entered correct PIN code, siren will sound 2 times and direction lights will flash 2 times. System will be disarmed.

## III. VALET MODE

- turn the ignition on and push the service button 2 times within 8 seconds.
- turn the ignition off. If the security mode is not active, siren will sound 2 times and LED diode will glow permanently. Valet mode is now active. If security mode is active, LED will start to flash slowly. Enter the security mode. If you've entered correct PIN code, siren will sound 2 times and LED will glow permanently. Valet mode is now active.

### Deactivating of valet mode

- turn the ignition on a push the service button 2 times within 8 seconds.
- turn the ignition off. Siren will sound 2 times and LED will stop glow. Valet mode is now deactivated.

## IV. ENTERING THE SECURITY MODE

You will enter to security mode by entering the 4 digit PIN code. If the security mode is active. Led will start to flash slowly when programming.

- if the LED will flash so many times which is the value of first PIN number, push the service button one time. LED will start to flash again.
- if the LED will flash so many times which is the value of second PIN number, push the service button one time. LED will start to flash again.
- if the LED will flash so many times which is the value of third PIN number, push the service button one time. LED will start to flash again.
- if the LED will flash so many times which is the value of fourth PIN number, push the service button one time. LED will start to flash again.

## V. CHANGE THE PIN CODE

**PIN code change is possible only when security mode is active (function F9).**

- turn on the ignition and press the valet button 10x within 10 seconds.
- turn off the ignition. Enter the security mode. If correct PIN code was entered, siren sounds 1x and LED diode will stop glowing. You are now in PIN programming mode.
- LED will start to flash slowly and you can enter new PIN code.
- when the LED flashes so many times, which is the new value of first PIN code number, push the valet button one time. First code number is saved and LED will start to flash again.
- repeat this step for the second, third and fourth PIN code number.
- 5 seconds after entering the fourth code number LED diode will show the new PIN code with the number of flashes with 2 seconds pause between every code number.
- turn the ignition on or wait for 10 seconds after showing the new PIN code and system will automatically end the PIN code programming mode.

**Note:** Keep your new PIN code in safe. In case of lost please contact your dealer.