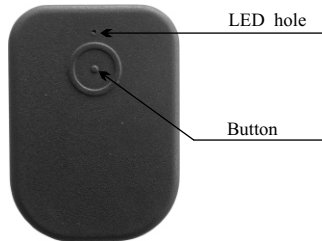




Pic. 1. The System Unit.



Pic. 2. The ID card.

IMMOBILIZER PURPOSE

The purpose of the immobilizer 'KODINIS' is the prevention of the car theft. The driver is identified, when the person with the active paired ID card comes inside the communication area. If the person has no ID card, the immobilizer regards, the vehicle is under unauthorized use and transfers the signal for engine immobilization.

THE SET

The immobilizer includes a System Unit—an electronic module (Pic. 1.), it should be hidden by installer inside a vehicle passenger compartment during installation, and ID card (Pic. 2)—an electronic key that should be inside driver's pocket or handbag. The ID card supports 2-way radio communication with the System Unit. There are two ID cards in the set, but it is available to pair up to 5 ID cards.

THE ID CARD




There are a button and LED hole in the ID card case (Pic. 2). Power supply—3V CR2032 type battery, it is recommended to replace the battery every 12 months. **The ID card is not intended for use as a remote key fob and shall be kept separately from the car keys.** There will be no benefit from the immobilizer, if during a forced robbery you will hand over the car keys together with ID card. **It is necessary to protect the ID card from rain and snow!**

THE SYSTEM UNIT

The System Unit supports 2-way radio communication with ID card, decodes received information and converts it to the control signals. If the driver identification fails, the System Unit transfers an immobilization signal intended for an external immobilization equipment. A car alarm system, GSM/GPS system, other equipment can be used as external immobilization equipment.

ID CARD AND SYSTEM STATUS

Briefly press the ID card button. The LED blinks once, the color shows ID card and System status:

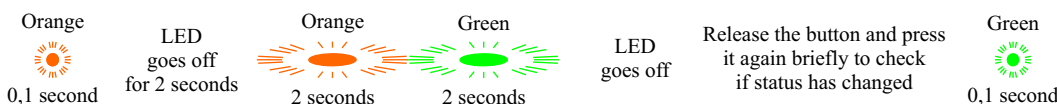
-  **green colour**—the ID card is active (the automatic radio communication between ID card and System Unit is active);
-  **orange colour**—the ID card is passive (the radio communication between ID card and System Unit is established by button press only);
-  **red colour**—the ID card is passive and the System Unit does not require an ID card to authorize a driver. The driver authorization is turned OFF by this card!

USING OF THE IMMOBILIZER

Please have the **active paired** ID card with yourself. The System will make all necessary actions automatically.

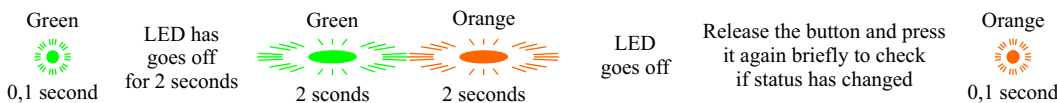
ID CARD ACTIVATION

The **ID card** can be **activated** only near or inside the vehicle (communication with the System Unit is required). **Press and hold the button in the pressed state:**



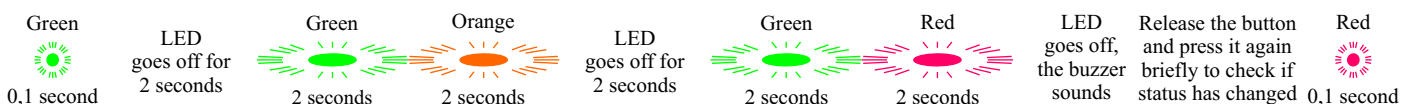
ID CARD DEACTIVATION

The **ID card** can be **deactivated** anywhere. It is expedient for saving of the battery. **Press and hold the button in the pressed state:**



DISABLE DRIVER AUTHORIZATION BY ID CARD

The **ID card** can be **deactivated** and **driver authorization** by ID card can be **disabled** only near or inside the vehicle (communication with the System Unit is required). **Press and hold the button in the pressed state:**

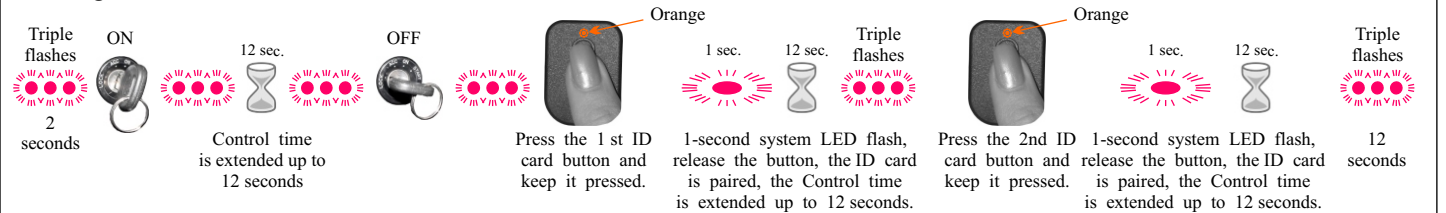


times, the System will store it as the new PIN and will confirm it by buzzer sound. If you made a mistake, repeat this chapter from the beginning.

ID CARD PAIRING

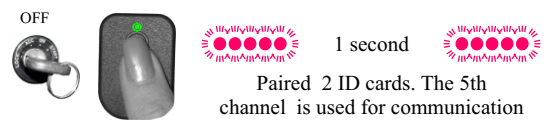
The user can pair up to 5 ID cards. The all previously paired ID cards has been deleted from the System memory. It is useful if the ID card is stolen or lost. **The ID cards under pairing shall be deactivated. The sequence of actions:**

1. Enter PIN code (see ENTERING SERVICE MODE).
2. The System LED blinks by triple flashes for 2 seconds. It is necessary to turn ON the ignition during this time. The ignition can be turned OFF later.



HOW MANY ID CARDS ARE PAIRED?

Turn OFF the ignition in Operating Mode. Press the ID card button and observe the System LED. **The number of LED flash packets shows the number of paired ID cards. The number of flashes in the packet corresponds to communication channel number (from 1 to 5).**



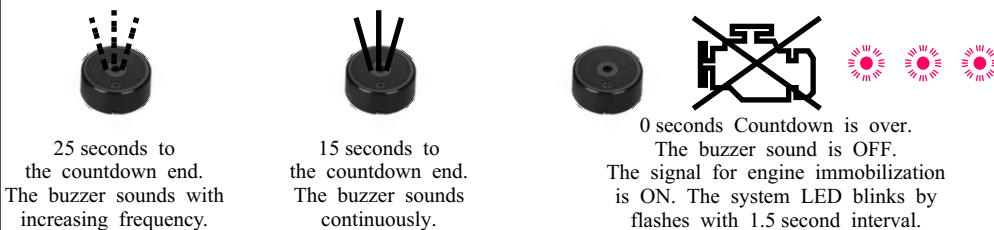
IMB6 PAIRING

Up to 1 Wireless Cut-off Relay IMB6 can be paired with the immobilizer IMB5 in the such way as ID card, however due to security reasons the indication of paired Wireless Cut-off Relay is unavailable.

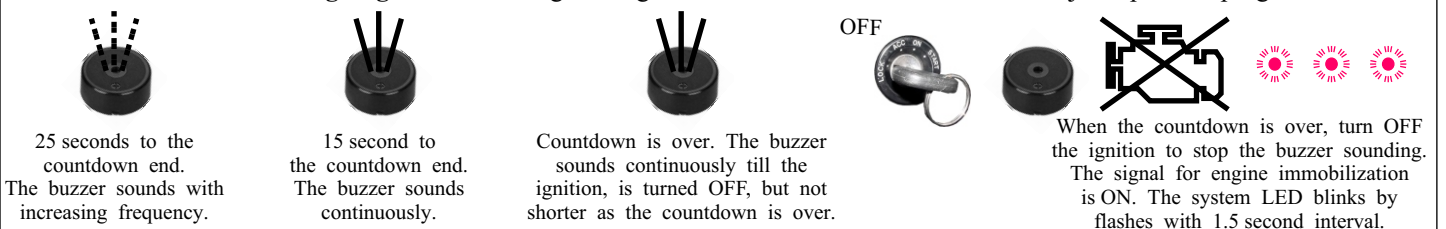
PROTECTION AGAINST ROBBERY ('ANTI-CARJACK')

The use of the all 'anti-carjack' variants is legal, if the vehicle is operated in the country that is non EU member and does not apply the UNECE Regulation No. 97.

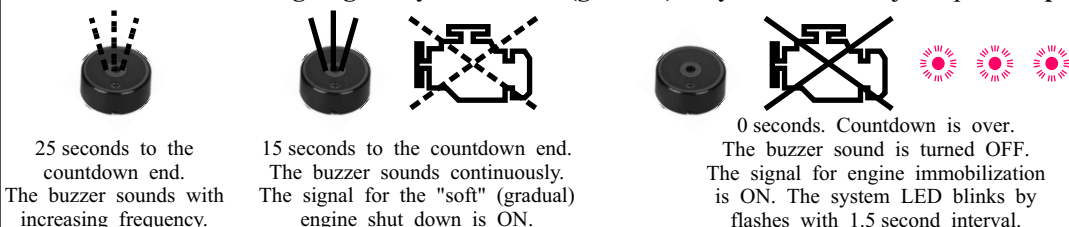
1. 'Anti-carjack' with 120-second countdown is triggered by the ignition turning ON with no ID card or by ID card signal loss with the ignition turned ON. The system will transfer the signal to shut down the running engine.
2. 'Anti-carjack' with 60-second countdown is triggered by the ignition is turned ON with no ID card signal. The system will transfer the signal to shut down the running engine.
3. 'Anti-carjack' with 60-second countdown is triggered by the ignition turning ON with no ID card signal or by opening the door with ignition is turned ON and ID card signal loss afterwards. The system will transfer the signal to shut down the running engine.
4. The 'Anti-carjack' process progress:



5. Are available 3 similar 'anti-carjack' operation variants, which from 1,2,3 differ that **the system will not transfer the signal to shut down the running engine.** The setting are legal in the EU countries. The 'Anti-carjack' process progress:



6. Are available 3 similar 'anti-carjack' operation variants, which from 1,2,3 differ, that **the system will transfer the signal to shut down the running engine by the "soft" (gradual) way.** The 'Anti-carjack' process progress:



PROTECTION AGAINST ROBBERY ('ANTI-CARJACK')

The paired active ID card inside the communication area is necessary for 'anti-carjack' process cancelling or its trigger prevention.

For engine immobilization cancelling after the 'anti-carjack' process is over (the system LED blinks by rare flashes):

1. Place the paired active ID card inside the communication area and turn ON the ignition.
2. If the Authorization Button is used, within 5 seconds before or or within 5 seconds after turning ON the ignition it is necessary to press the button 1 or 2 times (depending on settings). The installer must explain it.

AUTHORIZATION BUTTON

It is available to install and setup the System in a such way that the immobilization signal turning OFF would be available only by pressing the Authorization Button 1 or 2 times within 5-second time before or after turning ON the ignition.

SYSTEM COMPLIANCE AND WARRANTY

The system is made in Lithuania. A warranty term is 24 months. The manufacturer – company “Kodinis Raktas” declares that product “KODINIS IMB5” complies with essential requirements of EU Directives and UNECE Regulation No.97. See manufacturers web site www.kodinis.lt for complete text of declaration.

END OF USE

Your product is covered by the European Directive 2012/19/EU. Please inform yourself about the local separate collection system for electrical and electronic products. Please act according to your local rules and do not dispose of your old product with your normal household waste. Correct disposal of your old product helps prevent potential negative consequences for the environment and human health.



Your product contains batteries covered by the European Directive 2006/66/EC, which cannot be disposed of with normal household waste. Please inform yourself about the local rules on separate collection of batteries because correct disposal helps to prevent negative consequences for the environment and human health.