

## IMMOBILIZER (SMP I101) INSTRUCTIONS FOR USE

This type can be installed in any car without disturbing its original electronic system. It is easy to install, making theft difficult for the robber, as it is difficult to detect the alarm system. The driver has no choice but to place the proximity cards out of range of 3-5 meters. If the car is equipped with another alarm system (equipped with an engine start function), this immobilizer can work with it.

### Operation

If the immobilizer card is within a range of 3-5 meters, the system will be activated. You will hear a melody as a confirmation that the connection between the card and the center has been established. If the card is out of range of 5 meters and the car's engine is running, the system will signal continuously for about 10 seconds, then this alarm will be intensified for the next 5 seconds: warning the driver that the car's engine will stop. If the car stops during the alarm, the system will not turn off, but if the car's engine is still running, it will stop it automatically.

### Hijack

Anti-theft mode allows the car's engine to stop when someone wants to use it unauthorized, thus preventing the car from being stolen. If the vehicle engine is running and you are out of range, the anti-theft function is activated. The engine will still run for about 45 seconds, but in the next 25 seconds the system will give warning signals, then these will become more intense in the last 5 seconds, and finally the engine will stop. If the car is parked before the alarm is completed, the engine will run in a stationary position (with motion sensor version). However, if someone wants to start with it without the card, the immobilizer will not allow it. In case the system does not recognize the card when the engine starts, it will alert you with a melody and 10 small beeps, asking for the PIN code. It also signals after entering the incorrect PIN code. If the card is recognized and within range, the system will release the immobilizer.

Under normal conditions, the battery can be used for at least half a year. To avoid problems arising from this, always keep a spare CR2032 battery in the vehicle. If the alarm is activated while driving, it is recommended to stop the car within about 30 seconds before the immobilizer is activated. Once the car is in immobilizer mode, the stopping servo effect will also make steering and braking harder! This can be very dangerous at high speeds, so place the card in an easily accessible place.

### Service mode:

When the immobilizer is in service mode, it is as if it is not operating, it does not make any operation sound, even without a vehicle start card. You can return to normal mode by bringing the card within range. If you don't want to reveal that your car is equipped with an immobilizer system, put your card in a hidden place. Check the status of the card.

If the card is within range but does not sound, check the status of the batteries in the card. To do this, snap the card apart. The device is powered by a CR2032 battery. If the LED on the card flashes three times, the card is operating as intended and the battery is in good condition. If it flashes dimly, the battery is weak. If it does not flash at all, the battery is completely discharged.

Attention! You can use the card only when the battery is inserted in the card.

### Activate PIN code

The PIN code consists of three digits. To insert, move the card out of range and then turn on the engine. The system will signal for 1 minute after the signal is complete, turn off the ignition and then reinstall it immediately. The time between removal and addition must not exceed 1 second.

On ignition after 8 seconds, the system will play a power-on melody once, indicating that the first digit can be entered. It will then give 10 beeps, each beep representing each value of the PIN code. Count the beep and when you reach what you want to record, turn off the ignition. For example, if you want to enter the first digit of the PIN code, 1, switch off the ignition after the first beep and then reset it after 1 second. If you wait for the 10 beeps and then turn off the ignition, it means that you have entered 0.

After recording the first digit, turn on the ignition again, the unit will play two power-on tones, indicating that the PIN code is requesting the second digit. It will give 10 beeps, each beep representing each value of the PIN code. Count the beep and when you reach what you want to record, turn off the ignition.

After recording the second digit, turn on the ignition again, the device will play three power-on tones, indicating that you are requesting the third digit of the PIN code. It will give 10 beeps, each beep representing each value of the PIN code. Count the beep and when you reach what you want to record, turn off the ignition. If the entered PIN code is incorrect, the device beeps incorrectly and then starts all over again.

However, if the entered PIN code is correct, the device will start 5 long beeps. If you switch off the ignition after the third beep and then switch it on again, you have entered service mode. In case the card is detected within 70 seconds, the system will automatically exit the service mode to the normal mode.

Attention! Before entering service mode, make sure that at least one card is programmed.

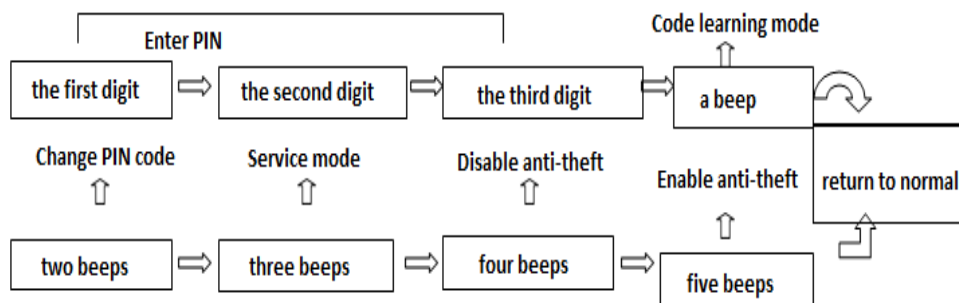
### Enter control mode

Keep the card out of range or remove the battery. Follow the steps above to enter the password. If the entered password is correct, the system will indicate this with 5 long beeps.

More SUBMENU:

To enter code learning mode, turn off the ignition when you hear the first beep.

To enter the password, turn off the ignition when you hear the second beep.  
 To enter service mode, turn off the ignition when you hear the third beep.  
 To turn off anti-theft mode, turn off the ignition when you hear the fourth beep.  
 To turn on anti-theft mode, turn off the ignition when you hear the fifth beep.  
 (Anti-theft mode is on by default.)



### Teach a new code card

The system allows the programming of 5 cards. Make sure the card you want to associate is equipped with a battery. Enter the code learning mode as described above, turn on the ignition, and as soon as you hear a beep, card pairing can begin. Insert an item in each card and associate the cards one by one. The system will sound three beeps to indicate that the card installation was successful. If you do not beep, the card has not been programmed successfully. In this case, remove the battery, then replace it and start the installation again.

Attention! The system will sound three beeps to indicate that the card installation was successful. If you set a new card, the previous one will be deleted. Ignition OFF to exit code learning mode.

### Enter PIN

The PIN code consists of three digits, which is "111" by default. To change this, enter the Record PIN menu as described above.

Turn on the ignition. A melody sounds to indicate that you can enter the first digit of the PIN code. You will then hear 10 beeps, each beep representing each value of the PIN code. Count the beep and when you reach what you want to record, turn off the ignition.

Turn on the ignition again, the device will play two power-on tones, indicating that you are requesting the second digit of the PIN code. It will give 10 beeps, each beep representing each value of the PIN code. Count the beep and when you reach what you want to record, turn off the ignition.

Turn the ignition back on, the device will play three power-on tones, indicating that you are requesting the third digit of the PIN code. It will give 10 beeps, each beep representing each value of the PIN code. Count the beep and when you reach what you want to record, turn off the ignition.

After completing the steps above, you have entered the digits of your PIN, but you still need to confirm this password. All you have to do is go through the previous steps again.

Attention! If you have changed the password, make sure you do not forget it or if you write it down, do not leave it. Because once you lose it, you don't have the option to get a new card and delete your old PIN.

### Anti-theft On and Off

Enter check mode using the previous descriptions. To turn off anti-theft mode, turn off the ignition when you hear the fourth beep. If you re-ignite the engine, the anti-theft device will not work, so you should be aware that then the car alarm system will not signal. To turn on anti-theft mode, turn it off when you hear the fifth beep. When you re-ignite, the anti-theft device will already work. (Anti-theft mode is on by default.)

### Installation instructions

The system can be installed in any vehicle or engine. Required to operate a 12 V mains.

Install the central unit in a hidden location and try to avoid places where the temperature may be high and corrosive material may come into contact with the component. Also, be sure to place it at least 15 cm away from metal devices, otherwise they may interfere with the wireless network. Also, be careful not to be completely covered.

Follow the illustration for installation. Connect the wire marked 4 to the power supply and the wire 1 to the ground point. Connect wires 2 and 6 through the relay with a closed circuit. For long-term use, it is recommended that the current does not exceed 10A. For fast use (within 1 minute) the maximum current can be 20A. Connect the black wire of the buzzer to cable 3 and the red to cable 4. If the engine is ignited, 12 V is required for the system to operate; if you stop the engine, turn off the power supply. The system will work without a buzzer, but it will not be able to receive other signals, which will make it difficult to install the system.

The battery is not inserted in the card at the factory, but the CR2032 battery is included in the set. Before inserting the battery, check its validity and surface.

Attention! After completing the installation, check that the system is working properly, and then change the PIN code.

### System check

During installation or when using the system, the operation must be checked.

Check the condition of the battery by opening the card cover, removing the battery, and then replacing it according to the polarity indicated. Observe the LED: if it flashes three times, the battery is in good condition. If it flashes dimly, the battery is weak. If it does not flash at all, the battery is completely discharged and you will need to replace it with a new one.

To test the wireless network, start the car engine. If the card is out of range, the system will confirm with a melody that the network is working well.

Meaning of each beep

If the central unit does not recognize the card (even after inserting the battery), the system will beep 5 times. If the card is not found while driving, it will signal for about 25 seconds after 1 minute, then this signal will accelerate, which means that the engine will stop within 5 seconds.

If the siren beeps once per minute, the system is assumed to have entered service mode.

The meaning of each beep when a PIN code is entered

It means entering the digits of the PIN code if the system rings 10 times in a row (every 2-2 seconds). When the PIN is confirmed, a melody sounds and also a beep 10 times in a row.

5 long beeps indicate submenus. Also, melodies are expected when the PIN code is changed, if an incorrect PIN code is entered, and during other communication attempts by the system.

#### The set contains:

- Central unit 1 pc
- Proximity card 2 pcs
- Buzzer 1 pc
- Instructions for use 1 pc

#### Technical details:

- Operating current consumption  $\leq 21$  mA
  - Anti-theft current consumption  $\leq 85$  mA
  - Proximity card operating current consumption  $\leq 10$  mA
  - Central unit operating voltage 9 ~ 15 V
  - Radio frequency 2.4 ~ 2.5 GHz
  - Radiation intensity  $< 0$  MB7
  - Operating temperature  $-40^{\circ}\text{C} \sim +85^{\circ}\text{C}$
  - Maximum blocking current 20mA
  - The size of the central unit is 68x26x11 mm
  - Proximity card size 51x33x5 mm
  - Battery CR2032, 3V
  - The length of the wires from the central unit is 50 cm
  - Length of wires from the buzzer is 50 cm
- Even after the system has been successfully installed, keep the user guide with you to quickly deal with any problems you may encounter in the future. Find the best place to store, make sure it is not accessible to a stranger!

The warranty is conditional on installation by a specialist garage.

Importer;

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Wiring diagram:

