General description

Security telematic complexes **StarLineS96** and **StarLine S66** (hereinafter the complex) are intended for vehicle protection from theft and armed assault. Authorization of the owner occurs as a result of wireless exchange between the tag (or smartphone) and the main unit using the Bluetooth Smart (BLE) protocol using an algorithm that is protected from interception at the time of device registration. Use the tag or a smartphone supporting the BLE protocol and registered in the complex using the StarLine mobile application for authorization.

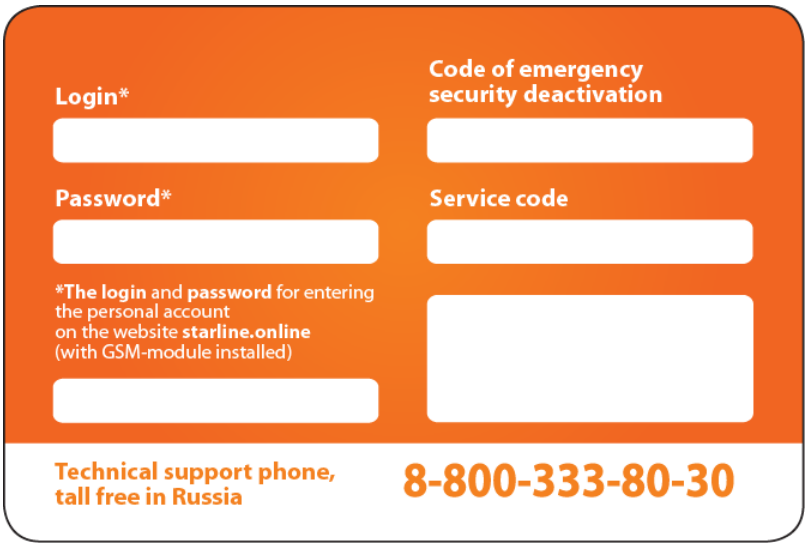
The complex is controlled by SMS commands, voice menu, wireless tag, from the StarLine mobile application or from the personal account on the website starline.online**.** To enter the personal account use the login and password given on the owner's plastic card included in the delivery set.

The functions of automatic and remote engine starting are available for the **StarLine S96** complex.

Main advantages:

- operation in the «Slave» mode (security mode activation or deactivation using the factory car remote key);
- driver identification by means of the wireless tag or smartphone via the Bluetooth Smart protocol;
- connection of wireless underhood unit StarLine R6 for control of the hood locks, horn and engine blocking;
- additional owner authorization by means of a wireless tag, smartphone or entry of the secret code by means of the factory buttons;
- a dialogue code of StarLine control with individual 128 bit encryption keys, guaranteeing reliable protection from all known code grabbers;
- the possibility to install the 2CAN+2LIN module for reception of statuses and control via the CAN bus;
- remote and automatic engine starting (for StarLine S96);
- temporary deactivation of the standard immobilizer using the iKEY technology (via the digital CAN and LIN buses);
- the service button combined with the LED indicator of system status;
- universal reconfigurable outputs/inputs;
- the special StarLine Master program, used for individual setting of the complex depending on owner's wishes and car's peculiarities.

The plastic card



The delivery set includes a plastic card containing the following data:

- **Login and password** — the user's personal account on the website starline.online where security complex control and parameter changing are available.
- **Code of emergency security deactivation** — the code is given on the owner's plastic card. It is used for emergency security deactivation.
- **Service code** — the code is given on the owner's plastic card. It is used for entry in the StarLine Master application.

> **ATTENTION!** Do not tell the code of emergency security deactivation to anybody! Remember that a malefactor, knowing the code, may deactivate the protective functions.

The tag

> The presence of a tag depends on the set of the complex



> The tags, which are included in set, are initially in transport mode, in which they are disabled! Pressing the tag button in this mode will be indicated by the green and red flashes of the built-in LED.
> Before operating, it is necessary to press the tag button several times before changing the

color of the flashes to green.

As the tag, you can use a smartphone that supports the Bluetooth Smart protocol. A smartphone and the tag equivalent to the functionality when used for additional authorization of the owner in the "Free Hands" mode and "Slave" mode.

Complex control

Duration of pressing the tag button:

- short — press and release the button, then a flash corresponding to the current mode of operation will follow;
- long — hold the button until the LED flashes. The duration of depression can be of two levels:
  - 1 level — hold the button until a long flash of the LED corresponding to the current mode of operation appears;
  - 2 level — press and hold the tag button, followed by two short flashes and one long one, and again a series of short flashes — release the button.

Command	Duration of pressing
Arm / Disarm	1 short
Enable / Disable «Anti-hijack by the tag»	long (1 level)
Enable / Disable Service mode	long (2 level)

Replacing the tag's battery

If the tag's battery is discharg, then when the ignition ON 3 sounds of the buzzer will sound and an SMS will be sent to the owner number. We recommend that you replace the battery as soon as possible.

To replace the battery with a neatly flat metal or plastic object (metal ruler, thin plastic) open the tag body and, observing the polarity (as pictured in the photo), install the battery in the compartment. Before closing the tag body, install a waterproof seal between its parts. After installing the battery in the tag, the complex is ready for operation.


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