

StarLine

WIRELESS TRANSPONDER KEYFOB



USER MANUAL

Version №1

StarLine wireless transponder keyfob (hereinafter referred to as the keyfob) is designed to control the vehicle security system functions using the secure Bluetooth Smart protocol.

The keyfob has 2 built-in buttons and LED indicator. Button 1 arms and Button 2 disarms security system.



CONTROL OVER SECURITY SYSTEM

Duration of a keyfob buttons pressing:

short — press and release button, followed by a LED flash of corresponding current operation mode

long — press and hold button until LED flashing. Duration of a long pressing can be of 2 levels:

1 level — press and hold button followed by 2 flashes of current operating mode and then a long light, during which the button must be released

2 level — press and hold button followed by 2 flashes of current operating mode and a long light, then followed by serial flashes, during which the button must be released.

Commands	Button press sequence
Arm	Button 1 short press
Disarm	Button 2 short press
Anti-hijack switch On / Off	Button 1 long press 1 level
Service mode switch On / Off	Button 1 long press 2 level
Trunk unlock	Button 2 long press 1 level

OPTIONAL FUNCTIONS

Additional functions can be set on the buttons using StarLine Master configuration program:

Button 1

short press — arm or start / stop engine

1st level long press — Anti-hijack mode control or start / stop engine

Button 2

1st level long press — trunk unlock

(supported with the main unit firmware version 2.43 and higher).

CONNECTION CHECKUP

Push the button shortly once to check keyfob connection status. 2 LED flashes means connection with security system main unit established. 1 flash means disconnected. A flash color corresponds to the current active mode:

- **green** – Regular mode, Anti-hijack mode disabled
- **red** – Anti-hijack enabled
- **yellow** – Service mode enabled

TECHNICAL SPECIFICATION

Parameters	Values
Radio range	Bluetooth 2.4GHz
Battery type	Li-Ion CR2032 3V
Operation range	up to 15 m
Operation temperature	-20 ... + 40 °C
Waterproof rating	IP54
Dimensions	53 x 29.2 x 9.2 mm
Weight	12 gr

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PAIRING KEYFOB TO SECURITY SYSTEM



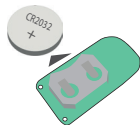
The main unit firmware version must be 2.42.2 and above

1. When security systems is disarmed and IGN Off, press the service button 7 times and switch IGN On. Entry to registration mode will be confirmed by 7 LED flashes of the service button and 7 beeps of the main unit built-in buzzer.

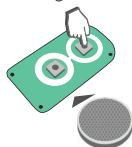
2. Open keyfob casing, extract the circuit board



3. Extract battery from the slot on the board



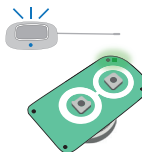
4. Press and hold the button and insert battery back in the slot. LED will light up red.



5. Release the button and make sure the LED serial red flashes come up for 10 sec.



6. Successful pairing will be confirmed by LED single green flash, service button LED double flashes and double beeps of the main unit built-in buzzer. If keyfob pairing failed then its LED will light up red.



7. Repeat items 2 – 5 for remaining tags and keyfobs.

8. Switch IGN Off



Transponders and smartphones must be all paired in one registration cycle. All previously paired transponders and smartphones will be deleted from memory.

REPLACING KEYFOB BATTERY



Keyfob battery discharging is indicated with 3 sounds of the main unit built-in buzzer (or siren) at IGN On. Then battery must be replaced asap.

To replace battery open a keyfob casing carefully with a flat metal or plastic item, remove discharged battery from slot. Install a new battery in the slot observing correct polarity (positive side up). Then fix a cover back. Keyfob is ready for operation.



Do not dispose the faulty and broken transponder keyfob along with a regular household waste. It must be disposed at a designated electric and electronic appliances collection point.