

# Operating Modes

Security modes	Armed
	Disarmed
	Antihijack
	Alarm
	Panic
Additional modes	Hands-Free
	Service mode
	Device registration

Security modes provide protection for the vehicle against theft.

Additional modes are intended for adding new devices ("Device Registration" mode), disabling security functions for vehicle servicing ("Service Mode"), and convenient system control ("Hands-Free" mode).

## Armed Mode

In "Armed" mode, the following zones are monitored:

- Ignition
- Doors
- Trunk
- Hood
- Shock sensor
- Tilt sensor
- Motion sensor
- Additional sensor

If any of these zones are breached, the system will switch to "Alarm" mode.

Arming is only possible with the ignition off. If the arming command is sent while the ignition is on, only the central lock will be activated.

Arming can be activated in one of the following ways:

- Short press on button **1** of the remote key;
- When the tag is lost or the door handle sensor is touched in "Hands-Free" mode
- By pressing the tag button once in "Disarmed" or "Alarm" mode

Successful arming will be confirmed by 1 sound signal and 1 light signal.

If the doors, hood, or trunk are not properly closed, or if any of the door, hood, or trunk switches are faulty (permanently closed), the system will warn you with 4 sound signals and 4 light signals. Restore the breached security zone and check for a single confirming signal indicating entry into the armed mode.

## Silent Arming

Silent arming, which does not use sound signals (siren), can be performed by triple press on button **1** of the remote key;

Successful arming will be confirmed by 1 light signal.

If the doors, hood, or trunk are not properly closed, or if any of the door, hood, or trunk switches are faulty (permanently closed), the system will warn you with 4 light signals. Restore the breached security zone and check for a single confirming signal indicating entry into the armed mode.

## Emergency Arming

If the tag or remote key battery is dead, and there is no access to the [starline.online](https://starline.online) personal account and StarLine mobile app, use emergency arming:

1. Press the service button or the transceiver button 3 times.
2. Turn on the ignition. Three sound signals will follow.
3. Check for two short sound signals.
4. Turn off the ignition.
5. Exit the vehicle and close all doors.

# Disarmed Mode

Disarming can be performed in one of the following ways:

- Short press on button **2** of the remote key;
- Upon detection of the tag or touching the door handle sensor ("Hands-Free" mode)
- By pressing the tag button once in "Armed" mode

Successful disarming will be confirmed by 2 sound signals and 2 light signals. If the "Alarm" mode was activated during the armed state, 3 sound signals and 3 light signals will follow.

After disarming, all events that occurred during the armed state will be displayed on the remote key screen.

If no actions are taken within 30 seconds after disarming, the system will automatically switch to "Armed" mode and lock the central locking system.

## Silent Disarming

Silent disarming, which does not use sound signals (siren), can be performed by triple press on button **2** of the remote key;

Successful silent disarming will be confirmed by 2 light signals. If the "Alarm" mode was activated during the armed state, 3 light signals will follow.

After disarming, all events that occurred during the armed state will be displayed on the remote key screen.

If no actions are taken within 30 seconds after disarming, the system will automatically switch to "Armed" mode and lock the central locking system.

## Central Locking During Travel Function

This function is designed for automatically locking the central locking system during a trip based on one of the configurable conditions:

- When the ignition is turned on
- When the vehicle starts moving and the brake pedal is pressed
- When the handbrake is released
- When the gear selector is shifted from the "Park" position for vehicles with automatic transmission

- When the set speed threshold is exceeded

Enabling, disabling, and configuring the "Central Locking During Travel" function is performed by an installation specialist.

## Central Lock Unlocking During Travel Function

This function is designed for automatically unlocking the central locking system during a trip based on one of the configurable conditions:

- When the ignition is turned off
- When the gear selector is shifted to the "Park" position for vehicles with automatic transmission
- When the engine is stopped
- When the ignition is turned off or the gear selector is shifted to the "Park" position for vehicles with automatic transmission
- When the handbrake is engaged

Enabling, disabling, and configuring the "Central Lock Unlocking During Travel" function is performed by an installation specialist.

## Trunk Unlocking in Armed Mode Function

This function allows the trunk to be opened with the standard vehicle remote key without disarming the system, provided that the tag and/or the system's remote key is within range.

Enabling, disabling, and configuring the "Trunk Unlocking in Armed Mode" function is performed by the installation specialist during setup.

## Keyless Entry System Lock Function

To use this function, tag authorization must be enabled.

The "Keyless Entry System Lock" function provides an additional level of protection against theft in case the standard vehicle key is stolen. In the "Armed" mode, the system blocks the operation of the keyless entry system when the tag is out of range.

By default, the "Keyless Entry System Lock" function is disabled. Contact an installation specialist to activate it.

## Alarm Mode

The "Alarm" mode is activated when any of the zones in the "Armed" mode is breached. The system will trigger the siren and the hazard lights for 30 seconds and notify the owner via the remote key. If the zone is not restored, the system will repeat the alarm cycle one more time.

When one of the warning zones is breached, 3 sound signals and 3 light signals will follow.

Resetting the "Alarm" mode without disarming the system is done by a short press on buttons **1** or **2** on the remote key.

Notification options is configured by an installation specialist:

- Sound notification with siren and hazard lights
- Notification with hazard lights only
- No light or sound indication

By default, sound notification with siren and hazard lights is enabled.

The maximum number of zone activations is limited to 8 cycles per arming period.

## Panic Mode

The "Panic" mode is designed to ensure the safety of the owner and the vehicle.

This mode is activated by the owner's command via a double press on button 1 of the remote key (**1 1**). Upon receiving the command, the system activates the siren and hazard lights for 10 seconds to attract attention.

This mode can also be used to locate the vehicle in a parking lot.

## Anti-Hijack Mode

The "Anti-Hijack" mode is designed to protect the driver from robbery during driving. The system switches to this mode either by the owner's command or when the tag/remote key is not detected.

The algorithm works as follows:

- One of the security zones is breached (doors, hood, or trunk);
- The motion sensor is triggered;
- After 30 seconds, the system starts searching for the tag/remote control;
- If the tag/remote control is not detected within 30 seconds, the system will activate warning signals about the upcoming engine blocking with the siren and hazard lights for 10 seconds;
- The engine will be blocked either after 3 minutes or upon pressing the brake pedal.

The exit from the "Antihijack" mode due to the disappearance of the tag or remote control can be done in one of the following ways:

- When the tag/remote control reappears within range;
- By entering the emergency disarm code, specified on the owner's PIN envelope, using the service button.

If the emergency disarm code is entered incorrectly 3 times, the ability to enter the code will be blocked for 15 minutes, and the owner will receive an SMS notification.

By default, the "Anti-Hijack" by tag or remote key loss option is disabled. To enable it, hold the tag button until a long red flash appears, then release the button.

## Hands-Free mode

The "Hands-Free" mode is designed for automatic enabling/disabling of the security mode.

You can enable or disable the "Hands-Free" mode in the cursor menu of the remote key by selecting the corresponding item;

By default, the "Hands-Free" mode is disabled. All mode operation parameters are configured by the installation specialist during installation.

There are several options for enabling and disabling the alarm in the "Hands-Free" mode:

- Enabling the alarm when the tag is lost from sight
- Enabling the alarm by holding the door handle sensor (purchased separately) with the tag in sight
- Disabling the alarm when the tag appears in sight
- Disabling the alarm by touching the door handle sensor (purchased separately) with the tag in sight

By default, the tag's operating range is set to the maximum value. To change it, please contact an installation specialist.

If the tag is lost from view while the doors, hood, or trunk are open, the system will notify about this event in one or more of the following ways:

- Siren notification about cancellation of transition to the "Armed" mode;
- Cancellation of transition to the "Armed" mode.

If the connection is lost or the tag's power element is depleted during the trip, but an event is recorded inside the cabin, the system will ignore the tag signal loss. Ten seconds after the door is opened, the system will automatically switch to the "Alarm" mode.

In the "Hands-Free" mode, automatic arming will not be executed if the tag is within sight.

## Disabling "Hands-Free" Mode for 1 Security Cycle

If the tag remains within range during parking (for example, you're in a cafe while your car is parked nearby), it is recommended to disable the security deactivation in "Hands-Free" mode for 1 security cycle. After completing the security cycle, the system will automatically return to its previous operating mode after opening one of the doors, the trunk, or the hood.

You can disable the security deactivation in "Hands-Free" mode for 1 security cycle using one of the following methods:

- Arming the security system by pressing a button on the tag;
- Arming the security system using the standard key fob;
- Arming the security system with two commands using the standard key fob within 10 seconds.

Successful disabling of the "Hands-Free" mode for 1 security cycle will be confirmed by 1 audible signal.

If the system is in the "Disarmed" mode while the vehicle owner is nearby (for example, unloading the trunk at the cottage), it is recommended to disable the security activation in "Hands-Free" mode for 1 security cycle. After turning on the ignition or sending the "Arm" command, the system will automatically return to its previous "Hands-Free" mode.

You can disable the security activation in "Hands-Free" mode for 1 security cycle using one of the following methods:

- Disarming the security system by pressing a button on the tag;
- Disarming the security system using the standard key fob;
- Disarming the security system with two commands using the standard key fob within 10 seconds.

Successful disabling of the "Hands-Free" mode for 1 security cycle will be confirmed by 1 audible signal.

# Service mode

Service Mode is intended for temporarily disabling security functions and restricting access to system settings. It is recommended during service maintenance.

Enabling Service Mode is only possible from the "Disarmed" mode near the vehicle.

The following functions and modes are unavailable in Service Mode:

- Arming and disarming the security system;
- "Hands-Free" mode;
- Unlocking and locking the central lock during a trip;
- Remote and automatic engine start;
- "Turbo Timer" function;
- Pre-heater control;
- Trunk release;
- Transition to the "Panic" mode;
- Activation of the "Anti-Hijacking" mode by tag or key fob loss;
- Main unit calibration procedure;

You can enable and disable the Service Mode using one of the following methods:

- Selecting the corresponding item in the tag cursor menu;
- Short press of the buttons **1** **3** of the remote key;
- Holding down the tag button for 5 seconds;

Entering Service Mode will be confirmed by a yellow LED indication on the tag.

In Service Mode, transition to other additional modes is prohibited!

## Automatic Exit from Service Mode

For this function to work, owner authorization must be enabled, sensors must be activated, and vehicle speed information must be available.

The system will automatically exit Service Mode and wait for owner authorization when leaving the service station based on the established event with the ignition on. After successful authorization, the system will switch to the "Disarmed" mode.

If authorization fails, the security system will switch to the "Alarm" mode.

## Immobilizer mode

The Immobilizer Mode prevents movement without additional owner authorization.

Upon disarming or turning off the ignition, the system will wait for authorization confirmation either by the presence of the key fob in the vicinity or by entering the owner's authorization code using the vehicle's standard buttons (e.g., multimedia or window control buttons) while the ignition is on.

If owner authorization is not confirmed within 1 minute, attempting to start the engine will result in it being locked for 1 minute or until the owner's authorization is successfully completed.

When the Immobilizer Mode is enabled alongside the "Slave" mode, both authorization conditions must be met to disarm the system.

## Vehicle Status Control

With this function, users can request information such as engine and cabin temperature, battery voltage, and fuel level.

Requests can be made by the owner with a short press of the remote key button .

The information will be displayed on the remote key's screen.

The engine temperature readings displayed by the system depend on the location of the engine temperature sensor and may differ from those shown on the vehicle's dashboard.

If the request is made during automatic engine start, the remaining engine runtime will also be displayed in addition to the aforementioned values.

## Engine Start Function

The engine start function allows remote and automatic engine starting/stopping.

### **Preparing a Manual Transmission (MT) Vehicle for Remote and Automatic Engine Start**

Before starting the engine, you need to perform the "Program Neutral" procedure:

1. Engage the parking brake while the engine is running.
2. Remove the key from the ignition switch. The engine will continue to run.
3. Exit the vehicle, close the doors, trunk, and hood, and arm the security system. The engine will be stopped.
4. The system will enter the "Armed" mode.
5. The key fob will display the "N" icon.
6. The system is now ready for remote and automatic engine start.

If a door is opened or the ignition is turned on after performing the "Program Neutral" procedure, remote and automatic engine start will be canceled until the next "Program Neutral" algorithm execution.

## Preparing an Automatic Transmission (AT) Vehicle for Remote and Automatic Engine Start

Ensure that the AT selector is in the "Park" position.

## Engine Start

Remote engine start can be initiated by one of the following methods:

- Long press of button 1 on the remote key: ;
- Triple press of the factory alarm system activation button within a 5-second interval (availability depends on the car model, consult your installation specialist).

Automatic engine start can occur under the following conditions:

- Based on temperature value — engine starts when the engine temperature drops below a set value.
- Based on battery voltage value — engine starts when the battery voltage decreases.
- Based on time period — engine starts with a specified runtime after a set repeating time interval.
- Based on the alarm clock — engine starts at a specified time.

Temperature and battery voltage values, interval, and schedule are set in the remote key cursor menu.

The minimum engine runtime for remote start is 10 minutes. To change it, please consult an installation specialist.

Automatic engine start will not occur if less than 1 hour has passed since the last start or if the previous automatic start failed.

After a trip, automatic engine start is possible no earlier than 5 minutes after the engine has

been stopped.

## Engine Stop

The engine stops if:

- long press of button 2 on the key fob is performed: ;
- The factory alarm system activation button is pressed three times within a 5-second interval (availability depends on the car model, consult your installation specialist).
- The "Alarm" mode is activated.
- The vehicle starts moving.
- The hood is opened.
- The parking brake is released (for MT vehicles).
- The AT selector is shifted out of the "Park" position (for AT vehicles).
- The brake pedal is pressed.
- The engine reaches the maximum temperature threshold specified during the security system setup to protect the engine from overheating.

### Car driving continuation after remote engine starting

To continue driving the car, without stopping the engine after remote starting, do as follows:

- **for cars with ignition lock:**
  - deactivate complex security;
  - insert the key into the ignition lock, turn it to position «Ignition on» and start moving;
  - the LED on the valet button will go out at movement start, pressing of the brake pedal or parking brake release;
- **for cars with START/STOP button:**

Several options are possible depending on the car and complex connection method:

- **first variant (\*):**
  - deactivate complex security;
  - hold the brake pedal for 3 seconds;
  - the LED on the service button will go out, after which movement can be started (the START/STOP button need not be pressed);
- **second variant (\*):**
  - deactivate complex security;
  - press the START/STOP button 1 or 2 times (\*);
  - the LED on the service button will go out, after which movement can be started.

(\*) Ask the installation specialist during mounting about the connection method of your complex and the operation algorithm.

# Function «Engine starting preheater»

The function allows for engine preheating before starting. The starting preheater can be controlled both in the manual and automatic mode.

## Manual mode

In the manual mode the starting preheater is switched on/off by a command.

The starting preheater can be switched on by sequentially pressing buttons 2 and 1 on the remote key: .

The preheater operates for 20 minutes in this mode. To change its duration, consult your installation specialist.

If the preheater has factory settings different from those set by the installation specialist, the operating time may differ from the specified time.

Operation can be prolonged by sending a repeated command for starting preheater switch-on.

The starting preheater can be switched off by sequentially pressing button 2 on the remote key: .

To protect the engine from overheating, the preheater will stop when the maximum temperature threshold specified during the security system setup is reached. This helps protect the engine from overheating.

## Automatic mode

The automatic mode is activated by the installation specialist during complex setting after mounting.

In automatic mode, the preheater is activated before remote and/or automatic engine start.

Automatic engine start can occur under the following conditions:

- Based on temperature value — preheater starts when the engine temperature drops below a set value.
- Based on the alarm clock — preheater starts at a specified time.

The temperature value and schedule are set in the remote key cursor menu.

If the engine temperature before remote or automatic start is lower than the set value, the preheater will start. When the engine reaches the set temperature (during automatic start) or after the set time elapses, the engine will start.

The preheater is turned off after the set time elapses or when the temperature threshold for disconnection is reached.

The preheater operates for 10 minutes in this mode. To extend the operation, you need to manually send the command to turn on the preheater.

To adjust the operation time and temperature threshold for preheating, please consult an installation specialist.

## «Turbotimer» function

For vehicles with turbochargers, use the "Turbotimer" function to cool the engine turbine.

The "Turbotimer" function is activated by the installation specialist during installation.

To activate the function on vehicles with an ignition key, follow these steps:

- Engage the parking brake with the engine running. The service button LED will light up.
- Remove the key from the ignition switch. The engine will continue to run.
- Exit the vehicle, close the doors, trunk, hood, and activate the "Armed" mode.
- When the turbine cools down, the engine will shut down.

To activate the function on vehicles with a START/STOP button, follow these steps:

- Engage the parking brake with the engine running. The service button LED will light up.
- Exit the vehicle, close the doors, trunk, hood, and activate the "Armed" mode.
- When the turbine cools down, the engine will shut down.

The cooling time for the turbine is calculated automatically and depends on the engine speed before the end of the trip. The maximum turbine cooling time is 5 minutes.

For vehicles with a START/STOP button, the turbotimer operation time is automatically extended until the system enters the "Armed" mode.

## Beach mode

In "Beach Mode," there is no need for a tag or key fob to enable/disable the security system (they can be left inside the car). Owner authorization is achieved by entering the emergency disarm code by touching the door handle with a capacitive sensor StarLine ES-1 (optional). In this mode, the system does not respond to key fob commands.

To activate "Beach Mode," follow these steps:

1. Switch the system to the "Disarmed" mode and turn off the ignition.
2. Press the service button three times and turn on the ignition. This will be followed by three audible signals confirming the activation of "Beach Mode." Turn off the ignition.
3. Exit the car and touch the door handle three times. The system will enter the "Armed" mode.

"Beach Mode" deactivates the "Hands-Free" mode until the security system is turned off.

Exiting the mode is done by entering the emergency disarm code by touching the door handle with an interval of no more than 3 seconds. The correct input of the code digit will be confirmed by audible and visual signals, the quantity of which will correspond to the code digit. The correct input of the code will be confirmed by 2 audible and visual signals.

If the emergency disarm code is entered incorrectly 3 times, the possibility of re-entering the code will be blocked for 15 minutes.

After disarming the system, if no actions or commands are given, the system will automatically switch to the "Armed" mode after 30 seconds, and the "Beach" mode will remain active.

## Video recorder control

The "Video Recorder Control" function is activated by the installation specialist during the installation of the system.

The system automatically activates the video recorder for recording in the following cases:

- When the ignition is turned on, it activates for 5 minutes;
- When switching to the "Alarm" mode or triggering the pre-alarm level, it activates for 2 minutes.

If the engine is started when the "Armed" mode is activated, the video recorder will continue to operate until the engine is stopped.

# Risky parking mode

Use this mode when parking in areas with a high risk of theft. In this mode the system will require owner authorization with the factory buttons each time the system is disarmed.

This mode operates independently of the "Immobilizer mode" settings.

To enable/disable the mode, follow these steps:

1. Disarm the alarm.
2. Turn off the ignition.
3. Press the service button twice.
4. Turn on the ignition. Two audible signals will follow.

Enabling the mode will be confirmed by one audible signal and one visual signal, while disabling it will be confirmed by two audible and two visual signals.

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