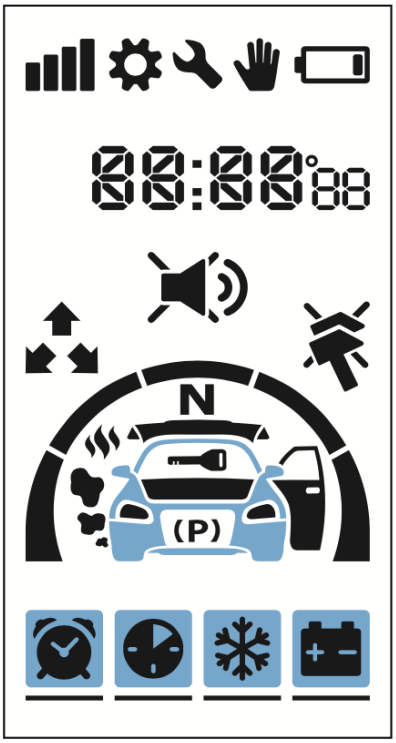
Control with 2-way remote key (optional accessory)





> LCD remote control and matching external RF868 transceiver are optional accessories and can be ordered from local dealer

Display icons meaning

Remote engine start

Icons	Meaning
	Engine is running
	Automatic engine start by timer enabled

	Periodic automatic engine start enabled
	Automatic engine start by temperature enabled
	Automatic engine start by battery voltage drop enabled
N	Program neutral executed
	Parking heater activated (blinking)

Operating Modes

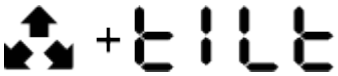
Icons	Meaning
	Armed
	Hands-Free mode
	Service mode
	Programming mode
	Buttons lock
	Anti-hijack mode

Secured zones

Icons	Meaning
	Ignition switched On
	Parking brake tighten
	Hood open

	Door open
	Trunk open

Sensors

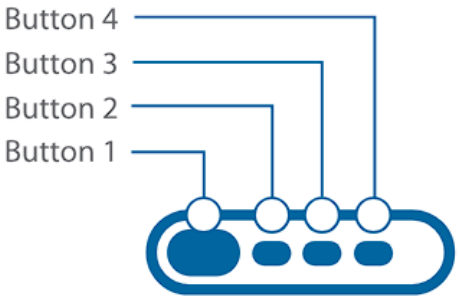
Icons	Meaning
	Motion or tilt sensors triggered
	Auxiliary sensor 1 triggered
	Auxiliary sensor 2 triggered
	Tilt sensor triggered
	Motion sensor triggered
	Shock sensor warning level triggered
	Alarm level of shock sensor triggered
	Shock sensor disabled

Additional indicators

Icons	Meaning

	Data transfer
	Replace remote battery
	Siren sounds enabled
	Siren sounds disabled

Control commands



Definition of buttons push duration

Short Push	Pushing one or two buttons once less than 1,5 sec. Example:  — first button short push  — short push of first and second buttons simultaneously

Long Press	Pushing and holding a button or two buttons until melody and vibration come up. 2 levels of a long pushing are envisaged: • 1 level long push – push and hold until a first melody Example:  — 1 button long push  — 1 and 2 buttons long push simultaneously • 2 level long push — push and hold until a second melody Example:  — 4 button long push of a 2 level
Double push	Double push of one button within 1 sec. Example:  — double push of 1 button
Triple push	Triple push of one button within 1 sec. Example:  — triple push of 1 button
Sequential push	Double push of one or two buttons with different duration. First pushing is long (1 or 2 level) and second push is short. Firs button must be released before pushing next button. Example:  — sequential pushing 2 and 1 buttons

Control commands

Commands	Button combinations
Arm	
Silent arming	
Disarm	
Silent disarming	

Request vehicle statuses (engine and cabin temperature, battery voltage, fuel level). At remote start – remaining engine run time.	
Start engine	
Stop engine	
Start parking heater	
Stop parking heater	
Find car on parking	
Switch shock sensor On / Off	
Switch motion / tilt sensor On / Off	
Enable Panic	
Unlock trunk	
Enable automatic engine start	configuration menu
Enable / disable Service mode	 or configuration menu
Enable / disable Hands free mode	configuration menu
Enable/disable buttons lock	
Enable/disable auto buttons lock	
Enable vibration only	

Enable sound profile 2	
Enable sound profile 1	
Enable sound profile 0	
Enable sound profile --	
Activate Flexible Logic program	

Modes menu

Some options and operation modes are controlled in Modes menu: Hands Free mode, Service mode, Autostart settings.

Modes menu is entered and exited with 4 button long push level 1: . Modes menu is automatically exited when no any buttons pushed 15 sec.

Modes submenu is flipped with  and  buttons short push forward and backward accordingly.

Submenu options are selected with 2 and 3 buttons short push: .

Parameters are tuned with  and  buttons short push up and down accordingly.

Long buttons pushing increases parameters tuning speed.

Listing menu points, changing settings and menu exit are confirmed with melody.

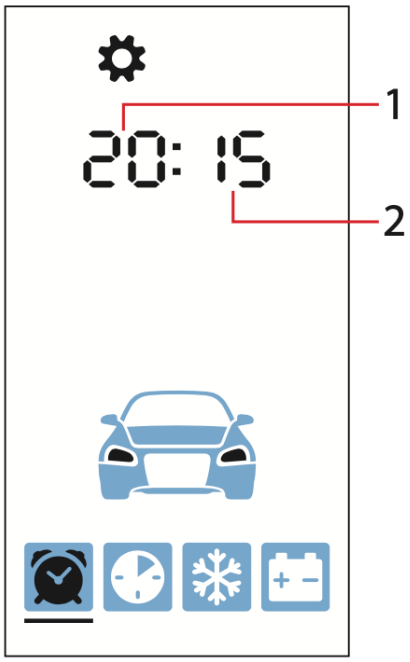
Icons	Parameters	Description	Tune step
	Hands Free mode	Enable/disable Hands Free mode	—

	Automatic engine and parking heater start by timer	Set engine start hour and min. Engine and parking heater autostart settings are switched with short pushing buttons 1 2 and 3 4. Engine start settings are indicated with digit 1, parking heater settings – with digit 2.	1 min
	Periodic engine start	Set engine start interval in hours	1 hour
	Automatic engine start by temperature	Set engine start temperature in Celsius degrees	1 ºC
	Automatic engine start by battery voltage	Set main storage battery voltage limit in Volts	0,1 V
	Service mode	Enable/disable service mode	—

Time and date setup

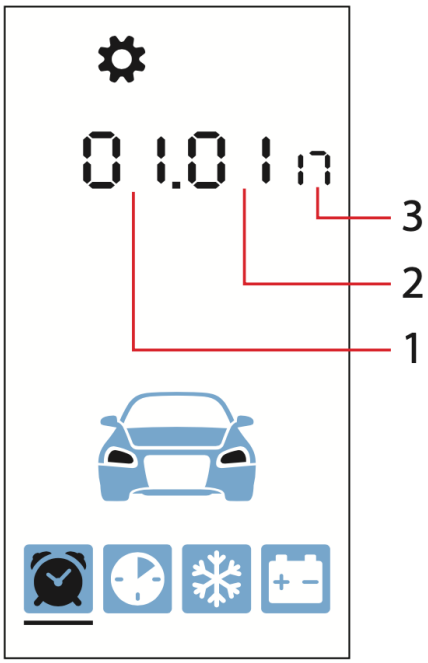
1.Enter time set up menu with sequential pushing button: 4 4.

2.Set current time hours with 2 button and minutes with 3 button.



- 1 – hours
- 2 – minutes

3. Push 1 button to turn to current date setting.



- 1–date
- 2 – month
- 3–year

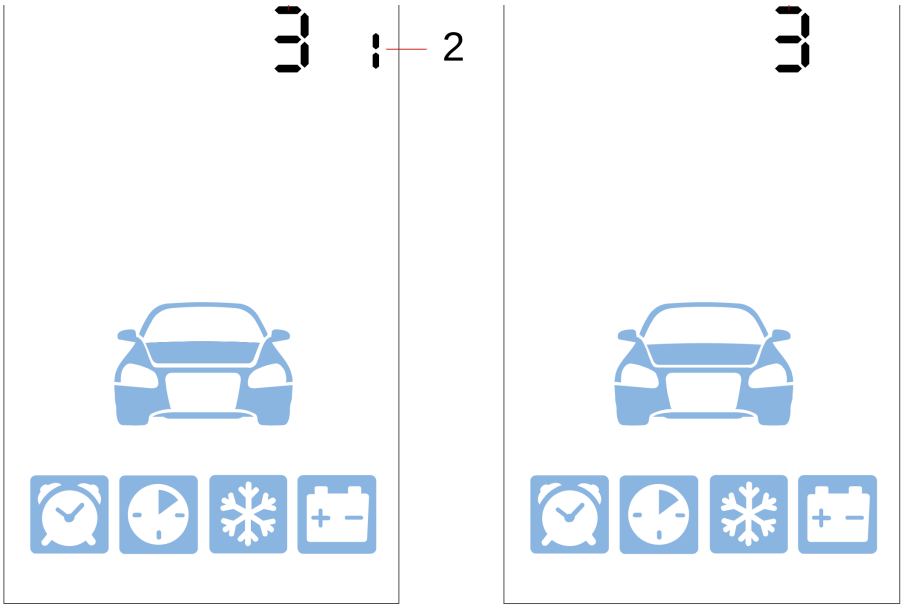
4. Set current date with 2 button, current month with 3 button and year with 4 button.

5. Push 2 3 buttons together to exit from time setup menu.

Main settings Menu

Operation parameters are set in the Setting menu.

Settings menu is entered and exited with 4 button long push level 2: 4 .





- 1 — parameter function number
- 2 — parameter value

Operation menu points are flipped with 1 and 4 buttons up and down accordingly.

Parameters are tuned with 2 and 3 buttons short push up and down accordingly.

Long buttons pushing increases parameters tuning speed.

Listing menu points, changing settings and menu exit are confirmed with melody.

Time zone setup

Select 1 item of Settings menu and set matching time zone with 2 and 3 buttons.

> Current time is automatically retrieved from cellular network and satellites data (if GPS module is available).

Setting lights and siren indication at Arming and Disarming

Select 2 item of Settings menu and set the mode with 2 and 3 buttons:

0 – hidden mode without siren and lights indication
1 – silent mode with lights indication only
2 – full mode with siren and lights indication
3 – only siren indication

Setting siren volume at Arming and Disarming

Select 3 item of Settings menu and set siren volume level with 2 and 3 buttons:

0 — silent mode, 10 — max volume

Setting lights and siren indication in Alarm mode

Select 4 item of Settings menu and set the mode with 2 and 3 buttons:

0 – hidden mode without lights and siren indication
1 – silent mode with lights indication only
2 – full mode with lights and siren indication

Setting siren volume setup in Alarm mode

Select 5 item of Settings menu and set siren volume level with 2 and 3 buttons:

0 — silent mode, 10 — max volume

Setting motion sensor sensitivity

Select 6 item of Settings menu and set sensor sensitivity from 0 to 30 level with 2 and

3 buttons:

0 - motion sensor is disabled, 30 – max sensitivity

Setting tilt sensor sensitivity

Select 7 item of Settings menu and set sensor sensitivity from 0 to 30 level with 2 and 3 buttons:

0 – tilt sensor is disabled, 30 – max sensitivity

Setting shock sensor warning level sensitivity

Select 8 item of Settings menu and set sensor sensitivity from 0 to 30 level with 2 and 3 buttons:

0 – warning level shock sensor is disabled, 30 – max sensitivity

The warning shock sensor sensitivity must be set over the main shock sensor level

Setting shock sensor main alarm level sensitivity

Select 9 item of Settings menu and set sensor sensitivity from 0 to 30 level with 2 and 3 buttons:

0 – main alarm shock sensor is disabled, 30 – max sensitivity

The main alarm shock sensor sensitivity must be set below the warning shock sensor level

Setting tag (transponder) loss range

Select 10 item of Settings menu and set tag loss range value from 3 to 10 level with 2 and 3 buttons:

3 – min distance, 10 – max distance

Setting tag (transponder) detection range

Select 11 item of Settings menu and set tag detection range value from 1 to 8 level with 2 and 3 buttons:

1 – min distance, 8 – max distance

> Tag detection range must be set less than a tag loss range

Setting remote key connection control

Select 12 item of Settings menu and set connection control period to 1 or 2 value with 2 and 3 buttons:

0 – connection control is disabled, 1 – connection check every 3 min

Setting turbotimer run time

Select 13 item of Settings menu and set turbotimer run time from 1 to 5 min with 2 and 3 buttons

> Remote engine start must be enabled in system configuration parameters for this option

Setting remote / automatic engine start duration

Select 14 item of Settings menu and set engine run time from 10 to 60 min with 2 and 3 buttons

Settings max duration of extended remote / automatic engine start

Select 15 item of Settings menu and set extended engine run time from 15 to 60 min with 2 and 3 buttons

Setting parking heater starting max duration

Select 16 item of Settings menu and set max parking heater starting interval from 1 to 10 min with 2 and 3 buttons

Setting parking heater run time duration

Select 17 item of Settings menu and set parking heater run time from 5 to 60 min with 2 and 3 buttons

Setting parking heater activation before remote engine start

Select 18 item of Settings menu and set parking heater activation before remote engine start with 2 and 3 buttons:

0 – do not start parking heater
1 - start parking heater before remote engine start

Setting parking heater activation before automatic engine start

Select 19 item of Settings menu and set parking heater activation before automatic engine start with 2 and 3 buttons:

0 – do not start parking
1 - start parking heater before automatic engine start

Settings temperature for parking heater activation before remote and automatic engine start

Select 20 item of Settings menu and set parking heater activation temperature before remote and automatic engine start from –5 to –30 ºC with 2 and 3 buttons.

Setting temperature for automatic engine start

Select 21 item of Settings menu and set automatic engine start temperature from +10 to –40 ºC with 2 and 3 buttons

Setting 2 way remote key detection range

Select 22 item of Settings menu and set remote key detection range from 1 to 10 level with 2 and 3 buttons:

1 – min distance, 10 – max distance.

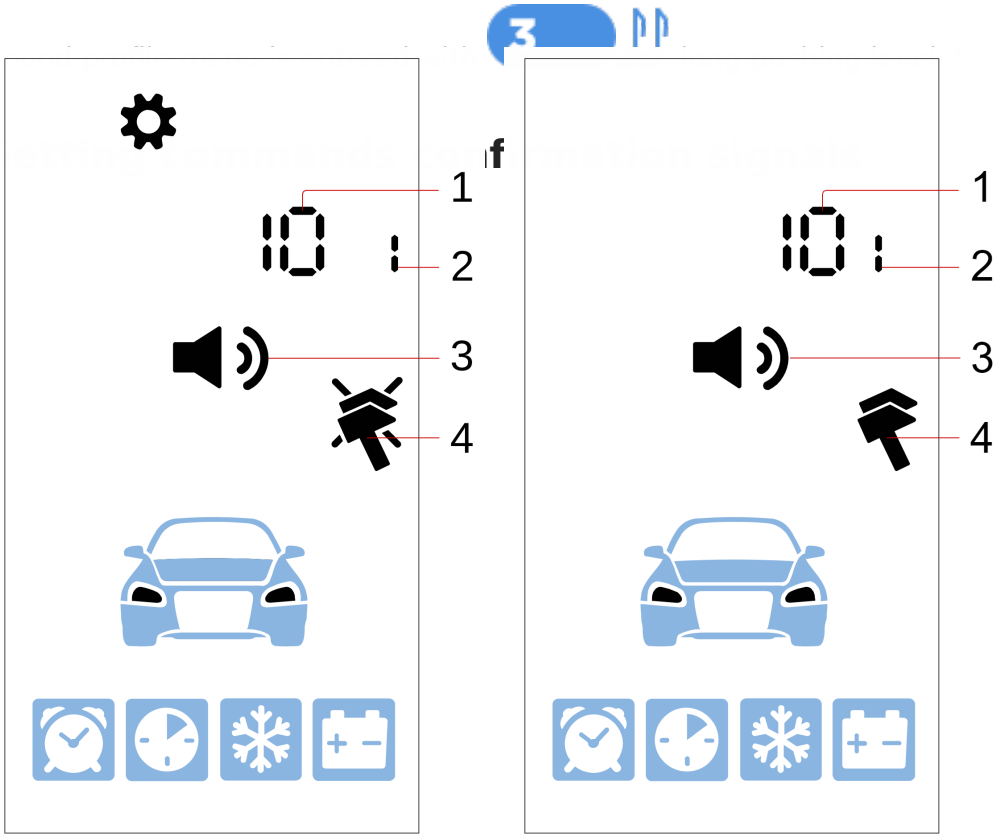
Sound profile menu

Sound profiles menu contains settings for commands confirmation, alarm trigger and buttons pushing. Profiles are selected with following buttons combination:

№	Profile	Button combination	Description (at default settings)

1	SOUND 2	3 1	All signals at max level and vibration enabled.
2	SOUND 1	3 2	All signals at min level and vibration enabled.
3	SOUND 0	3 3	Vibration only, all sounds Off
4	SOUND -	3 4	Fully silent, vibration and all sounds Off

Changing sound profile settings

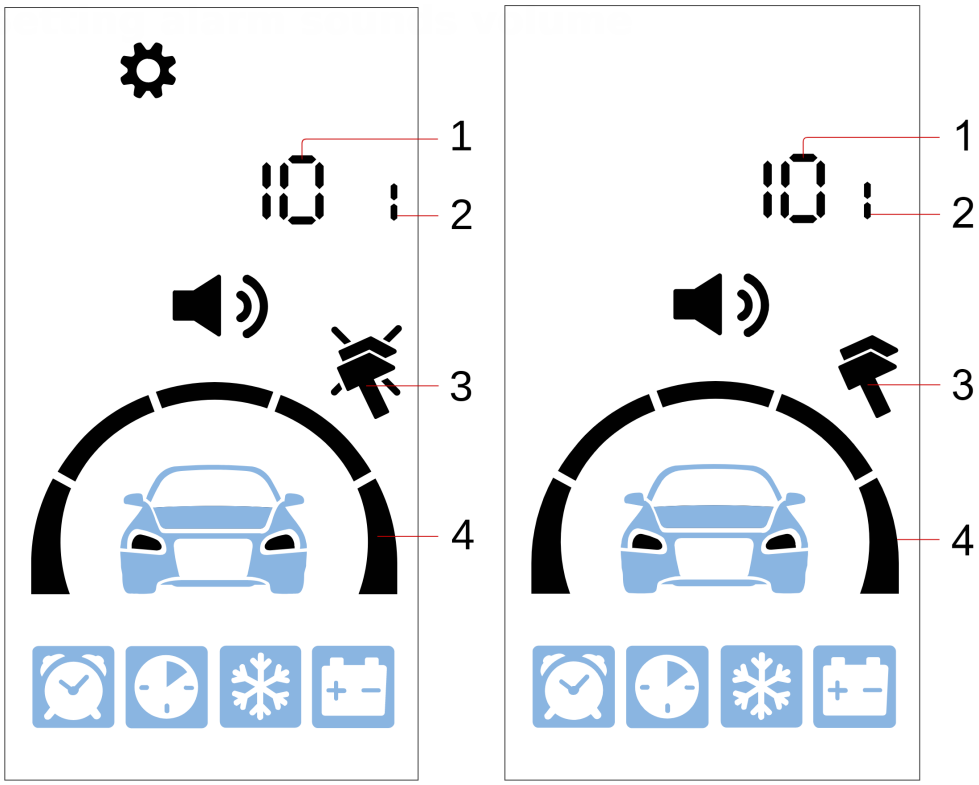


- 1 — selected signal type volume level
- 2 — selected sound profile number
- 3 — commands confirmation sound settings icon
- 4 — vibration: — enabled, — disabled

Sounds volume is tuned with 2 and 3 buttons short push

Vibration is enabled and disabled with 4 button short push

Next sound signal type is flipped with 1 button short push



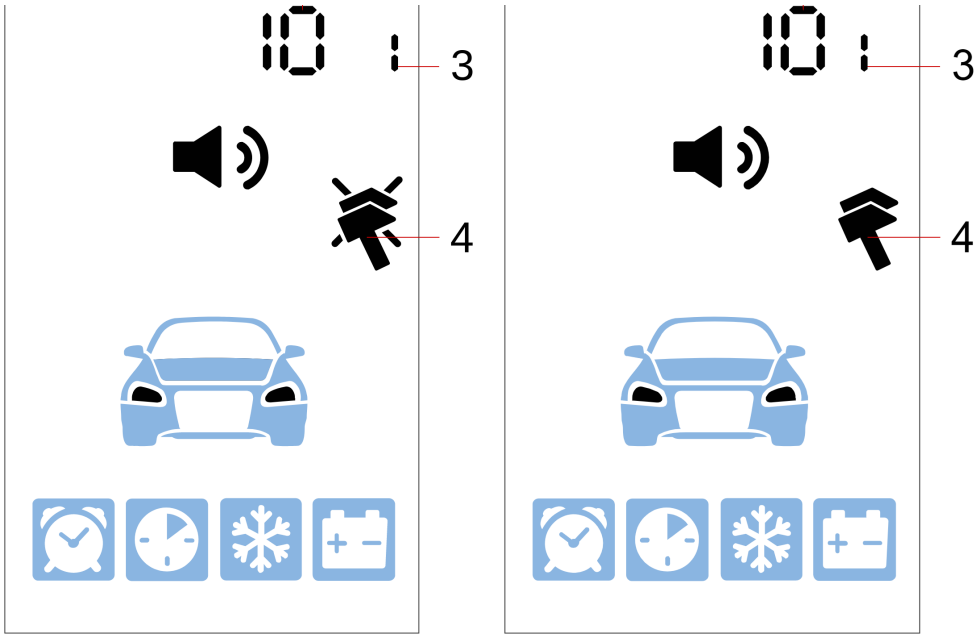
- 1 — Selected signal type volume level
- 2 — Selected sound profile number
- 3 — Vibration: — enabled, — disabled
- 4 — Alarm sounds volume settings icon

Sounds volume is tuned with 2 or 3 buttons short push

Vibration is enabled and disabled with 4 button short push

Next sound signal type is flipped with 1 button short push

Setting buttons push sound volume



- 1 — buttons sound volume setting icon
  2 — selected volume
  3 — selected sound profile
  4 — vibration: - enebled, - disaabled

Sounds volume is tuned with 2 or 3 buttons short push

Vibration is enabled and disabled with 4 button short push

Next sound signal type is flipped with 1 button short push

Sound profile settings menu is automatically exited in 10 sec if no any buttons pushed.

After exit the set sound profile is indicated for several sec.



Resetting sound profile to factory default settings

1. select the necessary sound profile with corresponding buttons combination
2. enter sounds profile menu with 3 long pushing level 2
3. hold 3 button until next sound signal 3

Setting sounds tone

The sounds tone can be also setup in sounds profile menu.

1. enter to sounds profile menu with 3 long pushing level 2
2. push buttons 2 3 shortly. The current sounds tone St-1 or St-2 shall be displayed. St-1 tone is set as default
3. Push buttons 2 3 shortly to select next tone

Sounds tone menu is automatically exited in 10 sec if no any buttons pushed

Buttons auto lock

The option locks buttons automatically each time after backlit off.

It is enabled and disabled with  long push level 2

Remote key searching

Push and hold service (valet) button for 5 sec – remote key shall beep.