



ФОРТИН-РОССИЯ

START F ONE
*Remote start
Telematic control module
List of SMS commands
(Firmware 1.07)*

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ATTENTION! The default access code “1234” had been used in all examples.
 Factory (default) setting of options is marked in **green**.

This is an example of simultaneous changing of several options (1 message = 70 symbols maximum):

1234*900*0#901*0#902*0#945*05#952*-15#

SMS command meaning	№ of SMS command	SMS format
Arm	33	1234*33*
Disarm	30	1234*30*
Start engine	11	1234*11*
Stop engine	10	1234*10*
Activate heater / Auxiliary equipment control	22	1234*22*
Turn heater off	20	1234*20*
Trunk control	44	1234*44*
Status query	55	1234*55*
Full settings query	555	1234*555*
Location query	500	1234*500*
Block engine (Starter-kill ON)	66	1234*66*
Unblock engine (Starter-kill OFF)	60	1234*60*
Check balance	77	1234*77*
Change access code <i>Sample: how to change access code from 1234 to 4321</i>	88	1234*88*4321#
Swap phone numbers	99	1234*99*
Switch ON Valet mode	01	1234*01*
Switch OFF Valet mode	00	1234*00*
Re-flash StartFone up to the latest Russian firmware	update	1234*update*
Re-flash StartFone up to the latest English firmware	update*en	1234*update*en#
Re-flash StartFone up to the latest Estonian firmware	update*ee	1234*update*ee#
Remediation server	http	1234*http*ifار.su#
Set first phone number	91	1234*91*+79161234567#
Erase first phone number	91	1234*91*#
Set second phone number	92	1234*92*+79161234567#
Erase second phone number	92	1234*92*#
Change USSD query <i>Sample: how to change USSD query (balance) to *100#</i>	ussd	1234*ussd*100#
Auto-detection of USSD query form (balance) (Russian providers only: MTS, Beeline, Megafone, Tele2)	ussd	1234*ussd
Set GPRS access point <i>Sample: access point without login and password</i>	apn	1234*apn*access_point*login*password# 1234*apn*internet#
Auto-detection of GPRS access point	apn	1234*apn*#
Telematic server IP-address and port	ip	1234*ip*62.76.26.158:8888#
Request for server authorization key (WEB app)	key	1234*key*

IGNITION alert	Sample of SMS command
Alarm: IGNITION - OFF	1234*900*0#
Alarm: IGNITION - SMS	1234*900*1#
Alarm: IGNITION - Call	1234*900*2#
Alarm: IGNITION - Short call	1234*900*3#
Alarm: IGNITION - Push SMS	1234*900*4#
Alarm: IGNITION - SMS and Call	1234*900*5#
Alarm: IGNITION - SMS and Short call	1234*900*6#
Alarm: IGNITION - Push SMS and Call	1234*900*7#
Alarm: IGNITION - Push SMS and Short call	1234*900*8#
Alert message option in case of IGNITION ON Alarm in the Armed mode.	

DOOR alert	Sample of SMS command
Alarm: DOOR - OFF	1234*901*0#
Alarm: DOOR - SMS	1234*901*1#
Alarm: DOOR - Call	1234*901*2#
Alarm: DOOR - Short call	1234*901*3#
Alarm: DOOR - Push SMS	1234*901*4#
Alarm: DOOR - SMS and Call	1234*901*5#
Alarm: DOOR - SMS and Short call	1234*901*6#
Alarm: DOOR - Push SMS and Call	1234*901*7#
Alarm: DOOR - Push SMS and Short call	1234*901*8#
Alert message option in case of DOOR OPEN Alarm in the Armed mode.	

HOOD alert	Sample of SMS command
Alarm: HOOD - OFF	1234*902*0#
Alarm: HOOD - SMS	1234*902*1#
Alarm: HOOD - Call	1234*902*2#
Alarm: HOOD - Short call	1234*902*3#
Alarm: HOOD - Push SMS	1234*902*4#
Alarm: HOOD - SMS and Call	1234*902*5#
Alarm: HOOD - SMS and Short call	1234*902*6#
Alarm: HOOD - Push SMS and Call	1234*902*7#
Alarm: HOOD - Push SMS and Short call	1234*902*8#
Alert message option in case of HOOD OPEN Alarm in the Armed mode.	

TRUNK alert	Sample of SMS command
Alarm: TRUNK - OFF	1234*903*0#
Alarm: TRUNK - SMS	1234*903*1#
Alarm: TRUNK - Call	1234*903*2#
Alarm: TRUNK - Short call	1234*903*3#
Alarm: TRUNK - Push SMS	1234*903*4#
Alarm: TRUNK - SMS and Call	1234*903*5#
Alarm: TRUNK - SMS and Short call	1234*903*6#
Alarm: TRUNK - Push SMS and Call	1234*903*7#
Alarm: TRUNK - Push SMS and Short call	1234*903*8#
Alert message option in case of TRUNK OPEN Alarm in the Armed mode.	

SHOCK SENSOR alert	Sample of SMS command
Alarm: SHOCK SENSOR - OFF	1234*904*0#
Alarm: SHOCK SENSOR - SMS	1234*904*1#
Alarm: SHOCK SENSOR - Call	1234*904*2#
Alarm: SHOCK SENSOR - Short call	1234*904*3#
Alarm: SHOCK SENSOR - Push SMS	1234*904*4#
Alarm: SHOCK SENSOR - SMS and Call	1234*904*5#
Alarm: SHOCK SENSOR - SMS and Short call	1234*904*6#
Alarm: SHOCK SENSOR - Push SMS and Call	1234*904*7#
Alarm: SHOCK SENSOR - Push SMS and Short call	1234*904*8#
Alert message option in case of SHOCK SENSOR Alarm in the Armed mode.	

ENGINE ON notice	Sample of SMS command
ENGINE ON - OFF	1234*906*0#
ENGINE ON - SMS	1234*906*1#
ENGINE ON - Call	1234*906*2#
ENGINE ON - Short call	1234*906*3#
ENGINE ON - Push SMS	1234*906*4#
ENGINE ON - SMS and Call	1234*906*5#
ENGINE ON - SMS and Short call	1234*906*6#
ENGINE ON - Push SMS and Call	1234*906*7#
ENGINE ON - Push SMS and Short call	1234*906*8#
Notice message option in case of successful Remote start. ENGINE ON means: - StartFone is receiving Tach ON signal via Data-Link bus; - corresponding analog input is active: refer to options № 970*14 or № 971*14 (Input: Engine is running).	

ENGINE START FAILED notice	Sample of SMS command
ENGINE START FAILED - OFF	1234*907*0#
ENGINE START FAILED - SMS	1234*907*1#
ENGINE START FAILED - Call	1234*907*2#
ENGINE START FAILED - Short call	1234*907*3#
ENGINE START FAILED - Push SMS	1234*907*4#
ENGINE START FAILED - SMS and Call	1234*907*5#
ENGINE START FAILED - SMS and Short call	1234*907*6#
ENGINE START FAILED - Push SMS and Call	1234*907*7#
ENGINE START FAILED - Push SMS and Short call	1234*907*8#
Notice message option in case of unsuccessful Remote start. ENGINE START FAILED means: - StartFone cannot receive Tach ON signal via Data-Link bus; - corresponding analog input is not active: refer to options № 970*14 or № 971*14 (Input: Engine is running).	

ENGINE OFF notice	Sample of SMS command
ENGINE OFF - OFF	1234*908*0#
ENGINE OFF - SMS	1234*908*1#
ENGINE OFF - Call	1234*908*2#
ENGINE OFF - Short call	1234*908*3#
ENGINE OFF - Push SMS	1234*908*4#
ENGINE OFF - SMS and Call	1234*908*5#
ENGINE OFF - SMS and Short call	1234*908*6#
ENGINE OFF - Push SMS and Call	1234*908*7#
ENGINE OFF - Push SMS and Short call	1234*908*8#
Notice message option in case of engine emergency shutdown after Remote start. ENGINE OFF means: - loss of Tach ON signal via Data-Link bus (for example: fuel is over); - drop-out of activity at the corresponding analog input (Input: Engine is running) while ignition is on; - simultaneous Tach ON and ignition failure (for example: vehicle self-shutdown).	

ENGINE WARM-UP FINISHED notice	Sample of SMS command
ENGINE WARM-UP FINISHED - OFF	1234*909*0#
ENGINE WARM-UP FINISHED - SMS	1234*909*1#
ENGINE WARM-UP FINISHED - Call	1234*909*2#
ENGINE WARM-UP FINISHED - Short call	1234*909*3#
ENGINE WARM-UP FINISHED - Push SMS	1234*909*4#
ENGINE WARM-UP FINISHED - SMS and Call	1234*909*5#
ENGINE WARM-UP FINISHED - SMS and Short call	1234*909*6#
ENGINE WARM-UP FINISHED - Push SMS and Call	1234*909*7#
ENGINE WARM-UP FINISHED - Push SMS and Short call	1234*909*8#
Notice message option in case of warming period is over. ENGINE WARM-UP FINISHED means that the engine had been stopped automatically or by direct control command.	

ENGINE START DENIED notice	Sample of SMS command
ENGINE START DENIED - OFF	1234*910*0#
ENGINE START DENIED - SMS	1234*910*1#
ENGINE START DENIED - Call	1234*910*2#
ENGINE START DENIED - Short call	1234*910*3#
ENGINE START DENIED - Push SMS	1234*910*4#
ENGINE START DENIED - SMS and Call	1234*910*5#
ENGINE START DENIED - SMS and Short call	1234*910*6#
ENGINE START DENIED - Push SMS and Call	1234*910*7#
ENGINE START DENIED - Push SMS and Short call	1234*910*8#
Notice message option when Remote start is forbidden by extra-obstacles. ENGINE START DENIED means that: <ul style="list-style-type: none"> - Alarm had been logged out during current Armed mode session (except of Shock and Tilt sensors); - StartFone is not in the Armed mode (for options № 930*2 (Remote start: ENABLE; Alarm system: ENABLE) or № 930*3 (Remote start: DISABLE; Alarm system: ENABLE)); - hood open. 	

ARMED MODE notice	Sample of SMS command
ARMED MODE - OFF	1234*911*0#
ARMED MODE - SMS	1234*911*1#
ARMED MODE - Call	1234*911*2#
ARMED MODE - Short call	1234*911*3#
ARMED MODE - Push SMS	1234*911*4#
ARMED MODE - SMS and Call	1234*911*5#
ARMED MODE - SMS and Short call	1234*911*6#
ARMED MODE - Push SMS and Call	1234*911*7#
ARMED MODE - Push SMS and Short call	1234*911*8#
Notice message option in case of Arming (ARMED MODE).	

DISARMED MODE notice	Sample of SMS command
DISARMED MODE - OFF	1234*912*0#
DISARMED MODE - SMS	1234*912*1#
DISARMED MODE - Call	1234*912*2#
DISARMED MODE - Short call	1234*912*3#
DISARMED MODE - Push SMS	1234*912*4#
DISARMED MODE - SMS and Call	1234*912*5#
DISARMED MODE - SMS and Short call	1234*912*6#
DISARMED MODE - Push SMS and Call	1234*912*7#
DISARMED MODE - Push SMS and Short call	1234*912*8#
Notice message option in case of Disarming (DISARMED MODE).	

ENGINE BLOCKED (Starter-kill ON) notice	Sample of SMS command
ENGINE BLOCKED - OFF	1234*913*0#
ENGINE BLOCKED - SMS	1234*913*1#
ENGINE BLOCKED - Call	1234*913*2#
ENGINE BLOCKED - Short call	1234*913*3#
ENGINE BLOCKED - Push SMS	1234*913*4#
ENGINE BLOCKED - SMS and Call	1234*913*5#
ENGINE BLOCKED - SMS and Short call	1234*913*6#
ENGINE BLOCKED - Push SMS and Call	1234*913*7#
ENGINE BLOCKED - Push SMS and Short call	1234*913*8#
Notice message option in case of engine blocking (or starter-kill output activation). ENGINE BLOCKED means no one can start the vehicle (and/or it had been shutdown).	

ENGINE UNBLOCK (Starter-kill OFF) notice	Sample of SMS command
ENGINE UNBLOCK - OFF	1234*914*0#
ENGINE UNBLOCK - SMS	1234*914*1#
ENGINE UNBLOCK - Call	1234*914*2#
ENGINE UNBLOCK - Short call	1234*914*3#
ENGINE UNBLOCK - Push SMS	1234*914*4#
ENGINE UNBLOCK - SMS and Call	1234*914*5#
ENGINE UNBLOCK - SMS and Short call	1234*914*6#
ENGINE UNBLOCK - Push SMS and Call	1234*914*7#
ENGINE UNBLOCK - Push SMS and Short call	1234*914*8#
Notice message option after the engine unblocking (engine cut-off or starter-kill output deactivation). ENGINE UNBLOCK means that the engine start is available again.	

HEATER ON notice	Sample of SMS command
HEATER ON - OFF	1234*915*0#
HEATER ON - SMS	1234*915*1#
HEATER ON - Call	1234*915*2#
HEATER ON - Short call	1234*915*3#
HEATER ON - Push SMS	1234*915*4#
HEATER ON - SMS and Call	1234*915*5#
HEATER ON - SMS and Short call	1234*915*6#
HEATER ON - Push SMS and Call	1234*915*7#
HEATER ON - Push SMS and Short call	1234*915*8#
Notice message option after the heater remote activation attempt. HEATER ON means: - StartFone received corresponding signal via Data-Link bus; - analog input is active: refer to options № 970*7 or № 971*7 (Input: Heater monitoring).	

HEATER OFF notice	Sample of SMS command
HEATER OFF - OFF	1234*916*0#
HEATER OFF - SMS	1234*916*1#
HEATER OFF - Call	1234*916*2#
HEATER OFF - Short call	1234*916*3#
HEATER OFF - Push SMS	1234*916*4#
HEATER OFF - SMS and Call	1234*916*5#
HEATER OFF - SMS and Short call	1234*916*6#
HEATER OFF - Push SMS and Call	1234*916*7#
HEATER OFF - Push SMS and Short call	1234*916*8#
Notice message option after the heater remote activation attempt. HEATER OFF means: - StartFone received corresponding signal via Data-Link bus; - drop-out of analog input signal: refer to options № 970*7 or № 971*7 (Input: Heater monitoring).	

WARNING: LOW BATTERY notice	Sample of SMS command
WARNING: LOW BATTERY - OFF	1234*917*0#
WARNING: LOW BATTERY - SMS	1234*917*1#
WARNING: LOW BATTERY - Call	1234*917*2#
WARNING: LOW BATTERY - Short call	1234*917*3#
WARNING: LOW BATTERY - Push SMS	1234*917*4#
WARNING: LOW BATTERY - SMS and Call	1234*917*5#
WARNING: LOW BATTERY - SMS and Short call	1234*917*6#
WARNING: LOW BATTERY - Push SMS and Call	1234*917*7#
WARNING: LOW BATTERY - Push SMS and Short call	1234*917*8#
Notice message option in case of low level of vehicle battery voltage. LOW BATTERY means that it drops to the critical level set as option № 950 for the period more than 5 minutes. The notice can be sent not often than hourly. First possible message countdown starts from initial power connection (without any respect to StartFone mode).	

POWER FAILURE alert	Sample of SMS command
Alarm: POWER FAILURE - OFF	1234*918*0#
Alarm: POWER FAILURE - SMS	1234*918*1#
Alarm: POWER FAILURE - Call	1234*918*2#
Alarm: POWER FAILURE - Short call	1234*918*3#
Alarm: POWER FAILURE - Push SMS	1234*918*4#
Alarm: POWER FAILURE - SMS and Call	1234*918*5#
Alarm: POWER FAILURE - SMS and Short call	1234*918*6#
Alarm: POWER FAILURE - Push SMS and Call	1234*918*7#
Alarm: POWER FAILURE - Push SMS and Short call	1234*918*8#
Alert message option in case of StartFone restart (temporary POWER FAILURE mainly) in the Armed mode.	

HIGH IDLE alert	Sample of SMS command
Alarm: HIGH IDLE - OFF	1234*919*0#
Alarm: HIGH IDLE - SMS	1234*919*1#
Alarm: HIGH IDLE - Call	1234*919*2#
Alarm: HIGH IDLE - Short call	1234*919*3#
Alarm: HIGH IDLE - Push SMS	1234*919*4#
Alarm: HIGH IDLE - SMS and Call	1234*919*5#
Alarm: HIGH IDLE - SMS and Short call	1234*919*6#
Alarm: HIGH IDLE - Push SMS and Call	1234*919*7#
Alarm: HIGH IDLE - Push SMS and Short call	1234*919*8#
Alert message option in case of fast idle speed. HIGH IDLE means the over-revving of 4000 R.P.M. during Remote start in the Armed mode. Available for option № 974*0 (Bus protocol: FORTIN) only.	

AUXILIARY SENSOR alert	Sample of SMS command
Alarm: AUXILIARY SENSOR - OFF	1234*920*0#
Alarm: AUXILIARY SENSOR - SMS	1234*920*1#
Alarm: AUXILIARY SENSOR - Call	1234*920*2#
Alarm: AUXILIARY SENSOR - Short call	1234*920*3#
Alarm: AUXILIARY SENSOR - Push SMS	1234*920*4#
Alarm: AUXILIARY SENSOR - SMS and Call	1234*920*5#
Alarm: AUXILIARY SENSOR - SMS and Short call	1234*920*6#
Alarm: AUXILIARY SENSOR - Push SMS and Call	1234*920*7#
Alarm: AUXILIARY SENSOR - Push SMS and Short call	1234*920*8#
Alert message option in case of optional sensor turn ON. AUXILIARY SENSOR means the activation of corresponding analog input of StartFone in Armed mode: refer to options № 970*6 or № 971*6 (Input: Auxiliary sensor)	

ARMED MODE DENIED notice*	Sample of SMS command
ARMED MODE DENIED - OFF	1234*921*0#
ARMED MODE DENIED - SMS	1234*921*1#
ARMED MODE DENIED - Call	1234*921*2#
ARMED MODE DENIED - Short call	1234*921*3#
ARMED MODE DENIED - Push SMS	1234*921*4#
ARMED MODE DENIED - SMS and Call	1234*921*5#
ARMED MODE DENIED - SMS and Short call	1234*921*6#
ARMED MODE DENIED - Push SMS and Call	1234*921*7#
ARMED MODE DENIED - Push SMS and Short Call	1234*921*8#
Notice message option in case of Arming impossibility. ARMED MODE DENIED means: - door, hood or trunk opened; - ignition turned ON. *StartFone speaks out the current mode during Call or Short call.	

Basic operating options	Sample of SMS command
Remote start (DISABLE); Alarm system (DISABLE)	1234*930*0#
Remote start (ENABLE); Alarm system (DISABLE)	1234*930*1#
Remote start (ENABLE); Alarm system (ENABLE)	1234*930*2#
Remote start (DISABLE); Alarm system (ENABLE)	1234*930*3#
Basic operating option of StartFone. Voice menu is changed in accordance with this setting. Some of SMS control commands can be dismissed.	

Heater	Sample of SMS command
Heater: Missed	1234*931*0#
Heater: Available	1234*931*1#
Voice menu is changed in accordance with setting. Some of SMS control commands can be dismissed.	

Arming/Disarming via phone	Sample of SMS command
Phone Arming/Disarming control: Disable	1234*932*0#
Phone Arming/Disarming control: Enable	1234*932*1#
Voice menu is changed in accordance with setting. One can Arm or Disarm the vehicle as well as control central locking system (if available for specific car model).	

Trunk control	Sample of SMS command
Trunk control: Disable	1234*933*0#
Trunk control: Enable	1234*933*1#
Voice menu is changed in accordance with setting. One can open (or close) the trunk (if available for specific car model).	

Engine cut-off (Starter-kill)	Sample of SMS command
Engine cut-off: Disable	1234*934*0#
Engine cut-off: Enable	1234*934*1#
Voice menu is changed in accordance with setting. The corresponding output is specified by options № 972*2 & № 972*3 (and/or № 973*2 & № 973*3)	

Optional microphone	Sample of SMS command
Optional microphone: Missed	1234*935*0#
Optional microphone: Presents	1234*935*1#
Voice menu is changed in accordance with setting. To switch ON microphone through voice menu for saloon monitoring.	

Shock sensor sensitivity	Sample of SMS command
Shock sensor: OFF	1234*936*0#
Shock sensor sensitivity: 1 (minimum)	1234*936*1#
Shock sensor sensitivity: 2	1234*936*2#
Shock sensor sensitivity: 3	1234*936*3#
Shock sensor sensitivity: 4	1234*936*4#
Shock sensor sensitivity: 5	1234*936*5#
Shock sensor sensitivity: 6	1234*936*6#
Shock sensor sensitivity: 7	1234*936*7#
Shock sensor sensitivity: 8	1234*936*8#
Shock sensor sensitivity: 9 (maximum)	1234*936*9#
Build-in shock sensor sensitivity setting. Shock sensor is activated 40 seconds after Arming.	

Optional GPS /GLONASS module support	Sample of SMS command
Positioning: Disable	1234*937*0#
Positioning: Enable	1234*937*1#
To inhibit data acquisition from optional GPS / GLONASS module (even if presents).	

Short call when the engine in ON	Sample of SMS command
Short call when the engine in ON: Disable	1234*939*0#
Engine shutdown by a short call: Enable	1234*939*1#
Arming when the engine is running : Enable	1234*939*2#
Disarming when the engine is running: Enable	1234*939*3#
Heater ON when the engine is running: Enable	1234*939*4#
Heater OFF when the engine is running: Enable	1234*939*5#
<p>“Short call” means to get off the phone after 2 beeps during call (no call charge in majority of cellular phone networks). The vehicle must be Remote started earlier.</p>	

Short call when the engine in OFF	Sample of SMS command
Short call when the engine in OFF: Disable	1234*940*0#
Engine start by a short call: Enable	1234*940*1#
Arming when the engine is OFF: Enable	1234*940*2#
Disarming when the engine is OFF: Enable	1234*940*3#
Heater ON when the engine is OFF: Enable	1234*940*4#
Heater OFF when the engine is OFF: Enable	1234*940*5#
<p>“Short call” means to get off the phone after 2 beeps during call (no call charge in majority of cellular phone networks). The engine must be shutdown beforehand.</p>	

Engine start by OEM remote	Sample of SMS command
Engine start by OEM remote: OFF	1234*941*0#
Engine start by OEM remote: Lock-Lock-Lock	1234*941*1#
Engine start by OEM remote: Lock-Unlock-Lock	1234*941*2#
<p>How to start the engine by OEM remote. Default setting Lock-Lock-Lock enables Remote start 17 seconds after Arming only.</p>	

Engine shutdown at Disarming	Sample of SMS command
Engine shutdown at Disarming: Disable	1234*942*0#
Engine shutdown at Disarming: Enable	1234*942*1#
<p>Termination of warm-up if the vehicle is Disarming via phone or by OEM remote.</p>	

Engine warm-up time	Sample of SMS command
Engine warm-up time: 5 minutes	1234*943*05#
Engine warm-up time: 10 minutes	1234*943*10#
Engine warm-up time: 15 minutes	1234*943*15#
Engine warm-up time: 20 minutes	1234*943*20#
Engine warm-up time: 25 minutes	1234*943*25#
Engine warm-up time: 30 minutes	1234*943*30#
Engine warm-up time: 40 minutes	1234*943*40#
Engine warm-up time: 50 minutes	1234*943*50#
Engine warm-up time: 60 minutes	1234*943*60#
Maximum engine warm-up time during Remote start.	

Start attempts	Sample of SMS command
Start attempts: 1	1234*944*1#
Start attempts: 2	1234*944*2#
Start attempts: 3	1234*944*3#
Start attempts: 4	1234*944*4#
Maximum quantity of Remote start attempts (in case of failure of previous ones under the same command).	

Starter ON delay	Sample of SMS command
Starter ON delay: 5 seconds	1234*945*05#
Starter ON delay: 10 seconds	1234*945*10#
Starter ON delay: 15 seconds	1234*945*15#
Starter ON delay: 20 seconds	1234*945*20#
For vehicles with independent starter control during Remote start. Available for option № 974*0 (Bus protocol: FORTIN) only.	

Auto-start depending on external conditions (temporary)	Sample of SMS command
Auto-start: OFF	1234*946*0#
Periodic Auto-start: Enable	1234*946*1#
Optional external temperature sensor Auto-start: Enable	1234*946*2#
Build-it temperature sensor Auto-start: Enable	1234*946*3#
One can choose a suitable condition in Armed mode only. The next Disarming or power reset or door unlock by OEM remote cancels all settings. Any trigger condition is confirmed by a SMS message.	

Interval of periodic Auto-start	Sample of SMS command
Interval of periodic Auto-start: 1 hour	1234*947*01#
Interval of periodic Auto-start: 2 hours	1234*947*02#
Interval of periodic Auto-start: 3 hours	1234*947*03#
Interval of periodic Auto-start: 4 hours	1234*947*04#
Interval of periodic Auto-start: 5 hours	1234*947*05#
Interval of periodic Auto-start: 6 hours	1234*947*06#
Interval of periodic Auto-start: 7 hours	1234*947*07#
Interval of periodic Auto-start: 8 hours	1234*947*08#
Interval of periodic Auto-start: 10 hours	1234*947*10#
Interval of periodic Auto-start: 12 hours	1234*947*12#
Interval of periodic Auto-start: 18 hours	1234*947*18#
Interval of periodic Auto-start: 24 hours	1234*947*24#
<p>The countdown starts from the moment of option № 946*1 (Periodic Auto-start: Enable) activation. All the following ones are done upon the end of previous.</p>	

Auto-start temperature	Sample of SMS command
Auto-start temperature: 0 Celsius	1234*948*00#
Auto-start temperature: -5 Celsius	1234*948*05#
Auto-start temperature: -10 Celsius	1234*948*10#
Auto-start temperature: -15 Celsius	1234*948*15#
Auto-start temperature: -20 Celsius	1234*948*20#
Auto-start temperature: -25 Celsius	1234*948*25#
Auto-start temperature: -30 Celsius	1234*948*30#
<p>Critical temperature for options № 946*2 (Optional external temperature sensor Auto-start) or № 946*3 (Build-it temperature sensor Auto-start). Next Auto-start enables 1 hour upon the end of previous one.</p>	

Auto-start at low battery voltage	Sample of SMS command
Auto-start at low battery voltage: Disable	1234*949*0#
Auto-start at low battery voltage: Enable	1234*949*1#
<p>This option must be set ones for a long time to be saved in nonvolatile memory. Auto-start at low battery voltage is possible under the following conditions:</p> <ul style="list-style-type: none"> - no sooner than after 1 hour from initial power supply connection; - in Armed mode only later than 1 hour from Arming; - not earlier than 1 hour upon the end of previous one. 	

Low battery voltage	Sample of SMS command
Critical level of voltage: 12.0 V	1234*950*120#
Critical level of voltage: 11.9 V	1234*950*119#
Critical level of voltage: 11.8 V	1234*950*118#
Critical level of voltage: 11.7 V	1234*950*117#
Critical level of voltage: 11.6 V	1234*950*116#
Critical level of voltage: 11.5 V	1234*950*115#
<p>As soon as battery voltage drop down under the set level for more than 5 minutes, the car owner is informed by method described in № 917 set (WARNING: LOW BATTERY notice). The engine is started in case of option # 949*1 (Auto-start at low battery voltage) activation.</p>	

Engine running monitoring	Sample of SMS command
Engine monitoring by tachometer: Enable	1234*951*000#
Engine monitoring by voltage: 12.8 V	1234*951*128#
Engine monitoring by voltage: 12.9 V	1234*951*129#
Engine monitoring by voltage: 13.0 V	1234*951*130#
Engine monitoring by voltage: 13.1 V	1234*951*131#
Engine monitoring by voltage: 13.2 V	1234*951*132#
<p>One can determine the engine run by voltage in case of absence of direct Tach ON signal in the Data-Link bus. It's necessary to set corresponding level of voltage for each vehicle separately.</p>	

Adjustment of build-in temperature sensor	Sample of SMS command
Adjustment of build-in temperature sensor: OFF	1234*952*000#
Adjustment of build-in temperature sensor up: +xx Celsius: (from +01 to +15)	1234*952*+01#
Adjustment of build-in temperature sensor down: -xx Celsius (from -01 to -15)	1234*952*-15#
<p>One can correct the build-in temperature sensor in case of essential difference between sensor data and real temperature. This correction can be positive or negative up to 15 Celsius deviation. All the values must be written in double numbers with mandatory plus or minus sign.</p>	

Turbo-timer	Sample of SMS command
Turbo-timer: OFF	1234*960*0#
Turbo-timer: 1 minute	1234*960*1#
Turbo-timer: 2 minutes	1234*960*2#
Turbo-timer: 3 minutes	1234*960*3#
<p>Turbo timer is activated in case of hand brake signal when the engine is running. Lower the brake lever to deactivate it. Available for options № 974*0 (Bus protocol: FORTIN) or № 974*1 (Bus protocol: FORTIN 2) only.</p>	

Central lock control at Turbo-timer activation	Sample of SMS command
Door lock at Turbo-timer activation: Disable	1234*961*0#
Door lock at Turbo-timer activation: Enable	1234*961*1#
All doors are locked 7 seconds after last door closing. The reopening of any door or trunk during mentioned 7 seconds restarts the countdown again after the next full closing. Available for options № 974*0 (Bus protocol: FORTIN) or № 974*1 (Bus protocol: FORTIN 2) only.	

Sound chirp at Arming/Disarming	Sample of SMS command
Sound chirp at Arming/Disarming: Disable	1234*962*0#
Sound chirp at Arming/Disarming: Enable	1234*962*1#
One of outputs must be set as siren or horn and connected to control wire: Refer to options № 972*1 or 973*1 (Output: Siren/Horn). One chirp at Arming, two chirps at Disarming.	

Type of sound	Sample of SMS command
Type of sound: Siren	1234*963*0#
Type of sound: Horn	1234*963*1#
To change type of sound during Alarm at corresponding StartFone output: - siren (steady); - horn (rectangular).	

Rearming	Sample of SMS command
Rearming: Disable	1234*964*0#
Rearming: Enable	1234*964*1#
StartFone Rearms itself in 40 seconds after Disarming in case that any door or trunk hadn't been opened.	

Door locking at Rearming	Sample of SMS command
Door locking at Rearming: Disable	1234*965*0#
Door locking at Rearming: Enable	1234*965*1#
To send a locking command via Data-Link bus and/or analog output if exists.	

Input 1 (-)	Sample of SMS command
(-) Input 1: OFF No algorithm assigned.	1234*970*0#
(-) Input 1: Doors Door pins input. May be used along with the data through Data-Link bus.	1234*970*1#
(-) Input 1: Hood Hood pin input. May be used along with the data through Data-Link bus.	1234*970*2#
(-) Input 1: Trunk Trunk pin input. May be used along with the data through Data-Link bus.	1234*970*3#
(-) Input 1: Termination of warm-up Warm-up termination input. For example: door or trunk handle button.	1234*970*4#
(-) Input 1: Arming To Arm StartFone by pulse input signal.	1234*970*5#
(-) Input 1: Auxiliary sensor Auxiliary sensor Alarm input. For example: microware sensor, glass break sensor, etc.	1234*970*6#
(-) Input 1: Heater monitoring Information input to confirm the heater work.	1234*970*7#
(-) Input 1: Ignition Ignition ON input monitoring. May be used along with the data through Data-Link bus.	1234*970*8#
(-) Input 1: Brake pedal Brake pedal pressure input. May be used along with the data through Data-Link bus.	1234*970*9#
(-) Input 1: Hand-brake lever Hand-brake lever input. May be used along with the data through Data-Link bus.	1234*970*10#
(-) Input 1: Disarming To Disarm StartFone by pulse input signal.	1234*970*11#
(-) Input 1: Trunk slave input Remote trunk opening signal: 0.3 seconds minimum duration. As soon as the trunk is opened trunk input and shock sensor Alarm signals are ignored.	1234*970*12#
(-) Input 1: Heater start input Direct wire pulse control of heater (like corresponding phone command): 0.5 seconds minimum duration.	1234*970*13#
(-) Input 1: Engine is running Direct wire control of engine running. It's similar to Tach ON signal through Data-Link bus. One can use charge indicator or engine oil pressure lamp for it.	1234*970*14#

Input 2 (+)	Sample of SMS command
(+) Input 2: OFF No algorithm assigned.	1234*971*0#
(+) Input 2: Doors Door pins input. May be used along with the data through Data-Link bus .	1234*971*1#
(+) Input 2: Hood Hood pin input. May be used along with the data through Data-Link bus.	1234*971*2#
(+) Input 2: Trunk Trunk pin input. May be used along with the data through Data-Link bus.	1234*971*3#
(+) Input 2: Termination of warm-up Warm-up termination input. For example: door or trunk handle button.	1234*971*4#
(-) Input 2: Arming To Arm StartFone by pulse input signal.	1234*971*5#
(+) Input 2: Auxiliary sensor Auxiliary sensor Alarm input. For example: microware sensor, glass break sensor, etc.	1234*971*6#
(+) Input 2: Heater monitoring Information input to confirm the heater work.	1234*971*7#
(+) Input 2: Ignition Ignition ON input monitoring. May be used along with the data through Data-Link bus.	1234*971*8#
(+) Input 2: Brake pedal Brake pedal pressure input. May be used along with the data from Data-Link bus.	1234*971*9#
(+) Input 2: Hand-brake lever Brake pedal pressure input. May be used along with the data through Data-Link bus.	1234*971*10#
(+) Input 2: Disarming To Disarm StartFone by pulse input signal.	1234*971*11#
(+) Input 2: Trunk slave input Remote trunk opening signal: 0.3 seconds minimum duration. As soon as the trunk is opened trunk input and shock sensor Alarm signals are ignored.	1234*971*12#
(+) Input 2: Heater start input Direct wire pulse control of heater (like corresponding phone command): 0.5 seconds minimum duration.	1234*971*13#
(+) Input 2: Engine is running Direct wire control of engine running. It's similar to Tach ON signal through Data-Link bus. One can use charge indicator or engine oil pressure lamp for it.	1234*971*14#

Output 1 (-)	Sample of SMS command
(-) Output 1: OFF No algorithm assigned.	1234*972*0#
(-) Output 1: Siren/Horn Siren or OEM horn control.	1234*972*1#
(-) Output 1: Engine cut-off (N.C.) Activation of Engine cut-off (Starter-kill) by phone. Active when cut-off is ON.	1234*972*2#
(-) Output 1: Engine cut-off (N.O.) Activation of Engine cut-off (Starter-kill) by phone. Active when cut-off is OFF.	1234*972*3#
(-) Output 1: Door lock Output is active 0.8 seconds in case of Turbo-timer activation, Rearming or Arming by phone.	1234*972*4#
(-) Output 1: Door unlock Output is active 0.8 seconds in case of Disarming by phone.	1234*972*5#
(-) Output 1: Door opening simulation Output is active 0.8 seconds after the end of warm-up to switch off accessories (ACC).	1234*972*6#
(-) Output 1: Heater control Can be activated for the period set as option № 980 (Heater work duration).	1234*972*7#
(-) Output 1: Trunk control Can be activated by phone for 1.0 seconds to open/close the trunk.	1234*972*8#
(-) Output 1: Accessories This output can be activated along with the same Data-Link bus command (with break during Starter activity). Available for option № 974*0 (Bus protocol: FORTIN) only.	1234*972*9#
(-) Output 1: Ignition This output can be activated along with the same Data-Link bus command (without break at Starter activity). Available for option № 974*0 (Bus protocol: FORTIN) only.	1234*972*10#
(-) Output 1: Starter This output can be activated along with the same Data-Link bus command. Available for option № 974*0 (Bus protocol: FORTIN) only.	1234*972*11#
(-) Output 1: Remote start status The output is activated 0.5 second prior to Remote start procedure for the whole period (including several start attempts) and deactivated 1.0 seconds after final shutdown.	1234*972*12#
(-) Output 1: Pulse at Arming 1.0 second pulse simultaneously with Arming.	1234*972*13#
(-) Output 1: Pulse at Disarming 1.0 second pulse simultaneously with Disarming.	1234*972*14#
(-) Output 1: Bypass command (GWR) This output can be activated along with the same Data-Link bus command (with pause between each start attempt). Available for option № 974*0 (Bus protocol: FORTIN) only.	1234*972*15#

Output 2 (+)	Sample of SMS command
(+) Output 2: OFF No algorithm assigned.	1234*973*0#
(+) Output 2: Siren/Horn Siren or OEM horn control.	1234*973*1#
(+) Output 2: Engine cut-off (N.C.) Activation of Engine cut-off (Starter-kill) by phone. Active when cut-off is ON.	1234*973*2#
(+) Output 2: Engine cut-off (N.O.) Activation of Engine cut-off (Starter-kill) by phone. Active when cut-off is OFF.	1234*973*3#
(+) Output 2: Door lock Output is active 0.8 seconds in case of Turbo-timer activation, Rearming or Arming by phone.	1234*973*4#
(+) Output 2: Door unlock Output is active 0.8 seconds in case of Disarming by phone.	1234*973*5#
(+) Output 2: Door opening simulation Output is active 0.8 seconds after the end of warm-up to switch off accessories (ACC).	1234*973*6#
(+) Output 2: Heater control Can be activated for the period set as option № 980 (Heater work duration).	1234*973*7#
(+) Output 2: Trunk control Can be activated by phone for 1.0 seconds to open/close the trunk.	1234*973*8#
(+) Output 2: Accessories This output can be activated along with the same Data-Link bus command (with break during Starter activity). Available for option № 974*0 (Bus protocol: FORTIN) only.	1234*973*9#
(+) Output 2: Ignition This output can be activated along with the same Data-Link bus command (without break at Starter activity). Available for option № 974*0 (Bus protocol: FORTIN) only.	1234*973*10#
(+) Output 2: Starter This output can be activated along with the same Data-Link bus command. Available for option № 974*0 (Bus protocol: FORTIN) only.	1234*973*11#
(+) Output 2: Remote start status The output is activated 0.5 second prior to Remote start procedure for the whole period (including several start attempts) and deactivated 1.0 seconds after final shutdown.	1234*973*12#
(+) Output 2: Pulse at Arming 1.0 second pulse simultaneously with Arming.	1234*973*13#
(+) Output 2: Pulse at Disarming 1.0 second pulse simultaneously with Disarming.	1234*973*14#
(+) Output 2: Bypass command (GWR) This output can be activated along with the same Data-Link bus command (with pause between each start attempt). Available for option № 974*0 (Bus protocol: FORTIN) only.	1234*973*15#

Type of bus protocol	Sample of SMS command
Bus protocol: FORTIN	1234*974*0#
Bus protocol: FORTIN 2	1234*974*1#
Bus protocol: 2XL / SIGMA	1234*974*2#
Bus protocol: MB-RUN	1234*974*3#
One must choose the proper protocol type in accordance with connected unit: - FORTIN: for EVO-ALL and EVO-KEY modules (recommended); - FORTIN2: for EVO-ONE module; - 2XL / SIGMA: for 2XL (TEC Electronics) и SIGMA (StarLine) modules; - MB-RUN: for Mercedes (cliMATE) modules.	

2XL/SIGMA door lock	Sample of SMS command
Door lock: OFF	1234*975*0#
Door lock: simple locking	1234*975*1#
Door lock: "double lock" and Arming	1234*975*2#
Door lock: "double lock" without Arming	1234*975*3#
Door lock control option for Rearming, Turbo-timer activation and Arming via phone. For option № 974*2 (Bus protocol: 2XL / SIGMA) only.	

2XL/SIGMA door unlock	Sample of SMS command
Door unlock: OFF	1234*976*0#
Door unlock: simple unlocking	1234*976*1#
Door unlock: "double lock" release and Disarming	1234*976*2#
Door unlock: "double lock" release and without Disarming	1234*976*3#
Door lock control option for Disarming via phone. For option № 974*2 (Bus protocol: 2XL / SIGMA) only.	

2XL/SIGMA turn lights control	Sample of SMS command
Turn lights control: OFF	1234*977*0#
Turn lights control: ON (always)	1234*977*1#
No flash at Arming/Disarming	1234*977*2#
No flash at Alarm	1234*977*3#
No flash at Arming/Disarming and Alarm	1234*977*4#
Turn lights control at Arming, Disarming and Alarm. For option № 974*2 (Bus protocol: 2XL / SIGMA) only.	

2XL/SIGMA door opening simulation	Sample of SMS command
Door opening simulation after warm-up: Disable	1234*978*0#
Door opening simulation after warm-up: Enable	1234*978*1#
Door opening simulation (by corresponding CAN command) after warm-up to switch off Accessories (ACC). For option № 974*2 (Bus protocol: 2XL / SIGMA) only.	

Heater work duration	Sample of SMS command
Heater work duration: 10 minutes	1234*980*10#
Heater work duration: 15 minutes	1234*980*15#
Heater work duration: 20 minutes	1234*980*20#
Heater work duration: 25 minutes	1234*980*25#
Heater work duration: 30 minutes	1234*980*30#
Heater work duration: 40 minutes	1234*980*40#
Heater work duration: 50 minutes	1234*980*50#
Heater work duration: 60 minutes	1234*980*60#
To set duration of heater work in case of: - steady signal wire control: options № 972*7 (or № 973*7) + 981*1 - 2XL / SIGMA protocol: options № 974*2 + № 981*4.	

Heater type	Sample of SMS command
Heater control: pulse signal	1234*981*0#
Heater control: steady signal	1234*981*1#
Heater control: 2XL / SIGMA	1234*981*4#
Heater control: Auxiliary equipment	1234*981*5#
This option must be set in accordance with type and model of heater. Option № 981*5 (Heater control: Auxiliary equipment) provides short 1.0 second output pulse (to be used alone with option № 972*7 or № 973*7). "Activate heater" / "Turn heater off" position of voice menu is changed to "Auxiliary equipment control" too.	

GPRS connection	Sample of SMS command
GPRS connection: Disable	1234*990*0#
GPRS connection: Enable	1234*990*1#
Disable GPRS data connection completely.	

GPRS when international roaming	Sample of SMS command
GPRS when international roaming: Disable	1234*991*0#
GPRS when international roaming: Enable	1234*991*1#
StartFone connection barring when it's in international roaming.	

Voice alert and notice call when international roaming	Sample of SMS command
Voice alert call when international roaming: Disable	1234*992*0#
Voice alert call when international roaming: Enable	1234*992*1#
StartFone outgoing call barring when it's in international roaming.	

SMS when international roaming	Sample of SMS command
SMS when international roaming: Disable	1234*993*0#
SMS alert when international roaming: Enable	1234*993*1#
StartFone outgoing SMS barring when it's in international roaming.	

Tracking	Sample of SMS command
Tracking: Disable	1234*994*0#
Tracking: Enable	1234*994*1#
To forbids use of StartFone as a GPS tracker. Location data is not sent to the server.	

STARTPHONE FIRMWARE UPDATE:

How to learn the current StartFone firmware version:

1. Connect it to computer with running StartUP program;
or
2. Send SMS: **1234*55*** (where 1234 – your access code).

How to update firmware by USB:

1. Switch ON computer with Internet connection. Connect your module to computer by USB cable;
2. Run the setup program StartUP and enter access code (1234 by default);
- 3a. Select menu item **Data » Update firmware via USB » Russian** (for Russian version);
or
- 3b. Select item **Data » Update firmware via USB » English** (for English one);
or
- 3c. Select item **Data » Update firmware via USB » Estonian** (for Estonian);
4. StartUP program restarts automatically after reflashing (E.T.A. 30-60 seconds).

Do not disconnect USB cable during updating!!!

In the case of a failed upgrade restart the program and run the update via USB again.

The language of firmware must correspond to the same of Voice menu! You must change Voice menu as soon as you change the language of firmware!!!

How to update firmware of installed StartFone via GPRS:

1. Set the GPRS access point (if needed);
2. Make a short call to StartFone to be sure in its network registration;
- 3a. Send SMS: **1234*update*** (where 1234 – your access code) for Russian version;
or
- 3b. Send SMS: **1234*update*en#** (where 1234 – your access code) for English one;
or
- 3c. Send SMS: **1234*update*ee#** (where 1234 – your access code) for Estonian;
4. Wait for the reply SMS about successful update. (E.T.A. 5-15 minutes).

Do not disconnect power or car battery during updating!!!

The language of firmware must correspond to the same of Voice menu! You must change Voice menu as soon as you change the language of firmware!!!

How to update voice menu by USB:

1. Switch ON main power (12 Volts by RED and BLACK cable);
2. Switch ON computer with Internet connection. Connect your module to computer by USB cable;
3. Run StartUP program and enter access code (1234 by default);
- 4a. Select menu item **Data » Download Voice Menu » Russian** (for Russian version);
or
- 4b. Select item **Data » Download Voice Menu » English** (for English one);
or
- 4c. Select item **Data » Download Voice Menu » Estonian** (for Estonian);
5. One can see **The voice menu has been loaded** message at the top of StartUP window after that (E.T.A. 3-5 minutes);

Do not disconnect power during updating!!!

The language of Voice menu must correspond to the same of firmware! You must change firmware as soon as you change the language of Voice menu!!!

