

EasyStart Text

control system

a self-contained preheaters of the engine and interior heaters with a voltage of 12 and 24 V

Dear customer!

Thank you for purchasing the EasyStart Text brand products and trusting our company. EasyStart Text guarantees reliable operation, provided that the requirements of this manual are met.

EasyStart Text

With the EasyStart Text control system, you can control the operation of the autonomous engine preheaters and the interior air heaters. Communication with the system is carried out using the GSM channel of any mobile operator.

Features of the EasyStart Text management system
Using the EasyStart Text control system, you can turn on the heater at any time by phone:

;

- turn off the heater;
- to obtain information about the state of the heater (on/off/fault code).

You can control the EasyStart Text system from any GSM 900/1800 phone by sending an SMS message with the command.

The EasyStart Text control system can operate independently or in conjunction with any timer that has a "plus" output in the "On" mode. For manual control of the heater in the car interior, a button with an LED is installed to indicate the operating modes of the system.

Please read the operating instructions carefully. If necessary, you can use technical support by calling the help desk phone number: 8-800-200-32-37.

The call in Russia is free of charge.

Scope of delivery

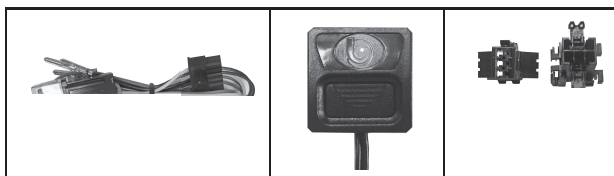
main module of the control system

wiring harness

connectors and connectors for connection power

button with LED indication

operating and installation instructions



The maximum load current on the output channels is 250 mA.

The weight of the block is 50 g.

Overall dimensions of the device body: 85x53x15 mm.

In the upper part of the case there is a cover for installing the SIM card.

Preparation of the EasyStart Text control system for installation on the vehicle

Before you start installing the system on a car - mobile, you need to purchase a SIM card of a mobile operator. After purchasing a SIM card, install it in the system module in the same way as installing it

in a mobile phone. We recommend that you purchase a SIM card from the same carrier that your phone is connected to. In this case, when parking the car in different locations, you will have an idea of the quality of communication in this place on the sensitivity scale of the display of your mobile phone, control commands will be delivered in the shortest possible time.

Choose the best tariff plan (we recommend choosing a tariff without a subscription fee). The personal account balance must be positive. Before installing the SIM card in the device, you must disable the PIN code request on it.

To insert the SIM card into the device, slide the cover on the case and insert it into the holder. The SIM card contacts must be clean. If necessary, wipe them with alcohol.

Attention! When inserting or removing the SIM card, the power connector must be disconnected from the device.

Technical characteristics and design The current consumption in standby mode is 10 mA. Supply voltage 7-30 V.

Operating temperature range from -40 to +70 °C. GSM 900/1800 MHz standard.

Install the device in the car interior and make the connection according to the attached connection diagram.

Нумерация разъема 12-pin

12	11	10	9	8	7
6	5	4	3	2	1

Pin assignment of the 12-pin connector

№. контакта	Цвет провода	Назначение
12	red	+ 12 Volt power supply
11	blue with white stripe	Diagnostic channel input (only for production heaters) J.Eberspacher & Co (Gmbh)
1	black with red	Button/LED +
2	black	Button / LED -
8	yellow	Output to turn on the heater
6	brown	Weight
4	black with red stripe	Heater operation monitoring input

Important: for the correct operation of the device, do not connect input 11 and 4 at the same time. Diagnostics is carried out via the digital channel for heaters manufactured by J. Eberspacher & Co (Gmbh) or via the analog channel of heaters from other manufacturers.

After installing and connecting the electrical circuit, the device is ready for operation.

System Management

The EasyStart Text control system is controlled by sending SMS messages.

To do this, you need to send SMS messages of the following type to the SIM card number installed in the main unit of the EasyStart Text control device:

To turn on the Heater: AA*

AA – operating time of the Heater in minutes (interval from 10 to 99 minutes).

Upon receiving the start command, the EasyStart Text control system will send a reply SMS message to the phone from which the command was sent: "START".

To turn off the Heater: 00*

When receiving the shutdown command, the EasyStart Text control system will send a response SMS message to the phone from which the command was sent: "STOP".

For a request about the heater status: "?*»

If there are signs of operation of the heater, the EasyStart Text control system will send a response SMS message:

"STATUS - ON" to the phone from which the command was sent, and if there are no signs of operation, a response SMS message: "STATUS-OFF".

The heater can also be switched on and off by means of a button with an indication mounted in the car interior.

A short press of the button switches the heater to a 30-minute warm-up mode.

Pressing the button for more than 3 seconds switches the heater to continuous operation.

During the operation of the heater, the LED mounted in the button lights up, signaling the operation of the heater. The heater is switched off by pressing the button again for a short time. When the heater is switched on and off using the button, SMS information messages are not sent by the EasyStart Text control system.

Monitoring the operation of the autonomous engine heater or interior heater


During the operation of the heater, the EasyStart Text control system constantly monitors its operating modes. In the event of an error or malfunction in the heater's operating cycle, the EasyStart Text control system will immediately send an SMS message to the phone from which the switch-on command was received: "ERROR".

The receipt of this message about the failure of the pre - start-engine heater or the heater indicates that the heated - signal, an error occurred and the user must contact the service centre for the diagnosis of under - privately and rectify faults.

If the EasyStart Text control system is used to control the heaters manufactured by J. Eberspacher & Co (Gmbh), it is possible to obtain the registered fault code independently, or by means of a request made by the service center where the installation was carried out. For remote diagnostics and consultation, you must provide the phone number of the SIM card installed in the car to the service center specialists.

To receive the fault code to the number of the SIM card installed in the main unit of the EasyStart Text control system, you must send an SMS message of the following type: AF* - diagnostic command.

The device will generate and send a response message in the format: AF 000, where the digits are the fault code, to the phone from which the command was sent.



Information about the fault codes and the reasons for their registration can be obtained from the technical documentation for the equipment or from the service center.

IN ANY NEGATIVE – YOU ARE IN THE BLACK

Thank you for choosing our products under the brand name EasyStart Text and we are confident that the EasyStart Text control system will be a reliable companion for you in the comfortable operation of the engine preheater or interior heater.