

OPERATING INSTRUCTIONS CALLTRONIC



TELEPHONE REMOTE CONTROL FOR
EBERSPÄCHER PARKING HEATERS

A WORLD OF COMFORT



Eberspächer

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1 INTRODUCTION

DEAR CUSTOMER,

Thank you for purchasing a Calltronic telephone remote control.

With this product you have a convenient and innovative option for controlling your Eberspächer parking heater.

These operating instructions supplement the explanations provided by your JE service partner who installed the heater and once again summarises the Calltronic's functions.

USE

Your Eberspächer heater can be remotely controlled by telephone.

All mobile and landline phones are suitable for use as controls. With them you can easily operate the Eberspächer heater installed in your vehicle.



CAUTION!

When the Calltronic is started up, all data on the SIM card is deleted.

PLEASE NOTE!

- A SIM card / prepaid card of a mobile phone operator is required to operate the Calltronic; this is not included in the scope of supply.
For further information on the SIM card / prepaid card, please refer to the installation instructions.
- Before starting up the Calltronic, carefully read through these operating instructions and the technical description of your Eberspächer heater.
- Note the location of your vehicle with respect to the call setup.
- Before starting up the Calltronic, carefully read through these operating instructions and the technical description of your Eberspächer heater.
- Note the location of your vehicle with respect to the call setup.
- If using a water heater, set the vehicle heater to “Warm” before leaving the vehicle.
- The vehicle fan is to be set to level 1 if a 3-stage fan, to level 2 if a 4-stage fan and to at least 1/3 of the fan output if a stepless fan.

1 INTRODUCTION

- To prevent excessive discharge of the vehicle battery in preselected heating mode, we recommend you set the heating period according to the trip time.

Example:

For a trip time of approx. 30 minutes (single distance), the heating period should be set to 30 minutes.

- The Calltronic is set to 60 min. heating period in the factory.
 - Runtime settings are saved and can be changed again later. A heating period of 1 – 999 minutes can be selected, continuous heating is possible (see installation instruction).
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2 ADJUSTMENT AND OPERATION

OPERATION WITH LANDLINE OR MOBILE PHONE

After the authorised landline / mobile phone numbers have been entered, the Calltronic is immediately fully functional with the pre-set factory setting.

To do this, execute the input command “1234ACCLIM:XXXXXX” once, see [Page 9](#).

It is possible:

- to directly switch the heater ON or OFF with a phone call.
- to switch the heater ON or OFF with an SMS.
- to preselect starting of the heater within 24 hours with an SMS.
- to have the input command confirmed with a feedback SMS.

PLEASE NOTE!

- The Calltronic can save up to 5 phone numbers, see [Page 9](#).
- Calls, SMS and a feedback message by SMS are all subject to charges.

CALL CALLTRONIC

Your network operator issued you with a phone number for the Calltronic.

Use the landline / mobile phone to dial the phone number of your Calltronic. The phone number must be saved in the Calltronic beforehand, see [Page 9](#). After the call has successfully been set up, the call from the Calltronic is confirmed in the form of a tone (factory setting), see [Page 9](#).

- The Calltronic confirms a call to switch on the heater with three tones.
- The Calltronic confirms a call to switch off the heater with two tones.

After the connection has been disconnected, the heater starts, heating period 60 minutes (factory setting). The control lamp, installed in the button, lights up.

PLEASE NOTE!

With the factory settings, Calltronic tone feedback is only possible if using saved phone numbers, see [Page 9](#).

The phone numbers must be configured by the user beforehand.

In the case of calls without saved phone numbers the connection is ended without tone feedback, the heater state remains unchanged.

2 ADJUSTMENT AND OPERATION

SEND INPUT COMMAND TO CALLTRONIC

Input commands are sent to the Calltronic by SMS. The functions are activated or deactivated, or the heating start time preselected, with “START, STOP, SUMMER, WINTER and STARTXXXX”.

PLEASE NOTE!

- The “Ventilation ON” function cannot be activated with the Hydronic II, Hydronic II C, Hydronic M II and Hydronic L II heaters.
- XXXX = Input by the user.
- For detailed information on the input commands, see [Page 7](#).
- Enter input command in one word, without space. There is no differentiation between upper and lower case text.

Function	Input command	Factory setting
Heating ON / Ventilation ON	START	---
Heating OFF / Ventilate OFF	STOP	---
Preselect heating ON (once) The heater switches on within 24 hours at the preset time (e.g. switching on time 08:30 h ⇔ Input: START0830)	STARTXXXX	---
Activate ventilation ON (Summer mode) if applicable, send START for heater ON (ventilation)	SUMMER	WINTER
Deactivate ventilation ON (Summer mode) if applicable, send START for heater ON (heating)	WINTER	

2 ADJUSTMENT AND OPERATION

INPUT COMMAND DESCRIPTION

Input command	Description
START	Heater is switched on.
STOP	Heater is switched off or the preset time is deactivated.
STARTXXXX	<p>The start of heating can be preselected once up to 24 hours in advance.</p> <p>For example: START0830</p> <p>The heater punctually switches on at 08:30 h in the morning. After the input, you receive an SMS as confirmation, with the heating start time and the current time. The start time can be changed with a new SMS or deleted by sending the STOP command.</p> <p>The button installed in the vehicle can also be used to delete the preselected start time for heating mode. Keep the button pressed for approx. 3 sec, the start time is deleted.</p>
SUMMER	Calltronic switches from “Heating” function to “Ventilation” function.
WINTER	Calltronic switches from “Ventilation” function to “Heating” function.

PLEASE NOTE!

- Enter input command in one word, without space. There is no differentiation between upper and lower case text.
- In the event of input errors, if not deactivated (see [Page 9](#)), feedback is sent by SMS.
- The temperatures given in several feedback messages are guideline values.

2 ADJUSTMENT AND OPERATION

PROGRAM FUNCTIONS OF THE CALLTRONIC

The program functions are sent to the Calltronic by SMS and can be changed, activated or deactivated.

Program functions	Input command	Factory setting
Change heating period from 001 – 999 min. 000 = continuous operation	1234TIMER1:XXX	60 min.
Activate SMS feedback for a sent input command	1234ASPONSE:ON	ON
Deactivate SMS feedback for a sent input command	1234ASPONSE:OFF	
Save several phone numbers (max. 5)	1234ACCLIM:XXXXXXX	---
Return to factory settings	1234SETDEFAULT	---

PLEASE NOTE!

- XXXX = Input by the user.
- For detailed information on the input commands, see [Page 9](#).
- Enter input command in one word, without space. There is no differentiation between upper and lower case text.

2 ADJUSTMENT AND OPERATION

PROGRAM FUNCTIONS

Input command	Description of program functions
1234TIMER1:XXX	Enter a heating period from 001 to 999 minutes. If you dial 000, the heater is in continuous heating mode until it is switched off by a phone call, by SMS with the input command "STOP" or manually.
1234ASPONSE:ON	Feedback for each input command sent by SMS – for maximum safety, the ON setting is recommended.
1234ASPONSE:OFF	Switch off feedback for each input command sent.
1234ACCLIM:XXXXXXX	<p>Up to 5 landline / mobile phone numbers can be saved. Enter the last 7 digits of the phone number of your landline / mobile phone in the Calltronic. If your landline phone number is less than 7 digits long, use the end digits of the dialling code to make up the 7-digit number. All phone numbers must be entered on one line without interruption, separated by a colon (:). Example of the input of 2 phone numbers:</p> <p>1234ACCLIM:XXXXXXX:XXXXXXX</p> <p>If one or several numbers are to be added or changed, all the numbers have to be entered again.</p>
1234SETDEFAULT	<p>Calltronic is reset to the factory settings.</p> <p>By doing this, the system is initialised within approx. 5 minutes, i.e. all the customer's data is deleted and has to be re-entered.</p>

2 ADJUSTMENT AND OPERATION

CONTROL USING THE BUTTON

The Calltronic scope of supply includes a button. This must be installed, because it is required for operation of the heater and to display the current operating state.

The button can be used to manually switch the heater on and off.

If the heater is running when you press the button, the current heating or ventilation mode is ended.

PLEASE NOTE!

- To activate or deactivate the display, keep the button pressed for at least 5 seconds.
 - The button can indicate various operating states by flashing, see [Page 11](#).
-

FAULTS

The Calltronic has been developed to the latest state-of-the-art standards and operates very reliably.

Displays and malfunctions are usually caused by the SIM card, the network operator, poor reception (low network coverage) or incorrect use.

Solutions to these problems are given in [from Page 3](#).

PLEASE NOTE!

If you experience problems with SIM cards of the latest development generation, please contact your network operator.

3 DISPLAYS AND MALFUNCTIONS

DISPLAYS	DESCRIPTION ▪ REMEDIAL ACTION
Button flashes once cyclically (every 2 seconds).	<ul style="list-style-type: none"> ▪ Calltronic is ready for use.
Button flashes once cyclically (every second).	<ul style="list-style-type: none"> ▪ Preset time is activated.
Button flashes twice cyclically	<p>Network error</p> <ul style="list-style-type: none"> ▪ Contact network operator. <p>SIM card error</p> <ul style="list-style-type: none"> ▪ Check SIM card in mobile phone, replace if necessary. <p>Antenna laid incorrectly.</p> <ul style="list-style-type: none"> ▪ Check installation, if necessary renew antenna.
Button flashes 4 times cyclically	<p>PUK code error</p> <p>The error is displayed only briefly after the voltage is applied, then button flashes twice.</p> <p>Correct PUK code error as follows.</p> <ul style="list-style-type: none"> ▪ Set the PUK and PIN code 1234 with the mobile phone or deactivate the PIN code query. ▪ Switch on again after power interruption.
Button flashes quickly	<p>Calltronic has received 20 SMS within 30 minutes and automatically switches off.</p> <ul style="list-style-type: none"> ▪ Keep button pressed for 5 sec., Calltronic is reset to the factory settings. By doing this, the system is initialised within approx. 5 minutes, i.e. all the customer's data is deleted and has to be re-entered. ▪ Keep the button pressed for 5 sec, if the display is repeated: <ul style="list-style-type: none"> – Replace SIM card

3 DISPLAYS AND MALFUNCTIONS

DISPLAYS	DESCRIPTION ▪ REMEDIAL ACTION
Button lights up	▪ Heater is switched on.
Button does not flash	Display is deactivated. ▪ Keep button pressed for at least 5 seconds – display is activated.
MALFUNCTIONS	DESCRIPTION ▪ REMEDIAL ACTION
Calltronic does not respond to calls, although the phone number is stored	Phone has a secret number or the phone number is suppressed. ▪ Contact network operator. ▪ Activate phone number display SIM card has expired or it has been deactivated by the network operator, no prepaid credits. ▪ Check SIM card in the mobile phone, contact network operator or load prepaid card.
After sending the SMS, Calltronic reports: “Unknown message”	Faulty SMS ▪ Check SMS input command, see Page 7 to Page 9 .
No tone feedback	Phone number of connection used is not stored in the Calltronic ▪ Save phone number
No SMS feedback for sent input commands	▪ Activate feedback function, see Page 8 . ▪ If the feedback function is activated, check credit on the SIM card and if necessary load.
Calltronic does not respond to SMS command	SIM card has expired or it has been deactivated by the network operator, no prepaid credits. ▪ Check SIM card in the mobile phone, contact network operator or load prepaid card.

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