# OPERATING INSTRUCTIONS
# EASYSTART REMOTE

**control unit for**
**Eberspächer parking heaters**

A WORLD OF COMFORT

Eberspächer

Chapter Chapter title

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# 1 Introduction

## 1.1 Please read first

Before you start to set and use the timer, always read through these operating instructions carefully.
These operating instructions contain important information that you require for to set and use the timer.
Please keep these operating instructions in a safe place for subsequent reference.

## 1.2 Safety information

**Danger**

- Always note and follow all information and notes, especially the safety instructions in this document and in the heater's technical description!
- Only the battery cover of the mobile unit may be opened.
- The battery and battery cover must be kept out of reach of children – swallowed small parts.
- Before washing clothing, remove the mobile unit from pocket.
- Protect the mobile unit from adverse effects (impacts, extreme temperatures, moisture, rain, liquids).
- The mobile unit and heater must be switched off when refuelling.
- Dispose of the battery and mobile unit according to the statutory regulations.
- Only use the recommended battery and original spare parts (see page 12).

## 1.3 Range of uses

The EasyStart Remote radio remote control is used to select the operating mode, to set the operating time and to switch On / Off the heater installed in the vehicle.

**Note**

Improper use and use outside the specified area of use cancels all liability and warranty.

## 1.4 Statutory regulations

**§ Statutory regulations**

Return / disposal of electrical and electronic equipment in accordance with § 4 Paragraph 1 Alt Fz-VO (End of Life Vehicle Regulations).

As a part of the vehicle, when the vehicle is handed over to a recognised waste collection body, a recognised returns body or a recognised dismantling firm, the radio remote control must be placed in the vehicle for return in accordance with Art 4 Paragraph 1 Alt Fz-VO.

## 1.5 EU Declaration of Conformity

We herewith declare that the control unit placed on the market by us conforms to the applicable provisions of the following EU Directive.

EU Directive 2014/53/EU

CE

The full Declaration of Conformity can be viewed and downloaded from the download centre under www.eberspaecher.com.

## 1.6 General information

- The mobile unit of the EasyStart Remote radio remote control has a simple control structure.
- All functions can be set and, if necessary, changed with only 2 buttons.
- The pulses of the mobile unit have a range of up to 1000 metres outdoors (direct visual contact). External interference, local conditions and high building density in the surrounding area shorten the range.
- The mobile unit should always be pointed towards the vehicle when activated or for data transmission.
- Depending on the use and ambient effects, different flashing sequences can be displayed, which are described in the chapter “What to do if …?” from page 13.
- Use of the mobile unit is described in detail from page 6.

# 2 Overview

## 2.1 EasyStart Remote mobile unit

The mobile unit of the EasyStart Remote radio remote control can be used to switch the heater on and off. Further, it can be used to make the necessary settings for operation of the heater.

**Note**

The type of LED displays possible differs depending on the installed heater and feature options.

## 2.2 Button functions

### 2.2.1 button ON

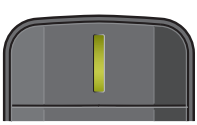
- Heater ON.
- Confirm settings.

### 2.2.2 button OFF

- Heater OFF.
- Make settings.

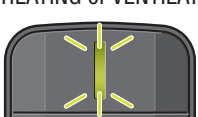
## 2.3 LED indications

Data transmission



LED indicator lights up green.

Heater ON
HEATING or VENTILATION

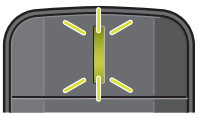


LED indicator flashes green (12x).

Heater OFF
HEATING or VENTILATION

LED indicator flashes red (12x).

Heater is in operation



LED indicator flashes green (5x).

**Note**

Possible LED indications such as alternating red-green flashing, red flashing or continuously lit red are described in the chapter “What to do if …?” from page 13.

Entries can also be made during the flashing stations, but not during the data transmission.

# 3 Operation and setting / adjustment

## 3.1 Notes on operation and setting

**Actuate the mobile unit**

Each press of the button results in an action, which is indicated by flashing. The flashing indicator goes out automatically.

Before each operation or setting, a connection must be established between the mobile unit and the stationary unit.

To do this, press the button until the LED indicator lights up green permanently, then release the button and continue with the operation or setting (see from page 7).

**Permanently change the operating time**

10, 20, 30, 40, 50 or 60 minutes can be set as the operating time (factory setting is 30 minutes).

See from page 8 for adjustment.

**Data transmission**

- During data transmission the LED display is permanently lit green.
- During the data transmission it is not possible to make settings or adjustments.

**Note**

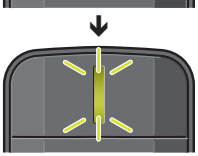
If data transmission was not possible the LED indicator flashes 12x red / green.

## 3.2 Switch on the heater

**HEATING or VENTILATION**

Press the button, the connection is set up with the stationary unit is.

Data transmission LED: lights up green



LED: flashes 12x green

The heater is switched on.

Operating time 30 minutes (factory setting)

**Note**

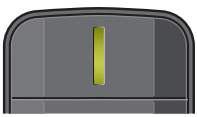
The following action is possible during operation:

Query the operating state of the heater (see page 8).

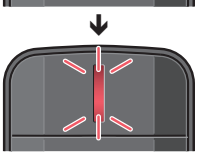
## 3.3 Switch off heater

**HEATING or VENTILATION**

Press the button, the connection is set up with the stationary unit is.



Data transmission LED: lights up green



LED: flashes 12x red

The heater is switched off.

**Note**

The following actions are possible after switching off:

Switch heater back on again.

Change operating time (see from page 9).

Switch to HEATING or VENTILATION. (from page 11).

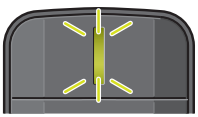
## 3.4 Query the operating state of the heater

Press the button, the connection is set up with the stationary unit is.

Data transmission LED: lights up green

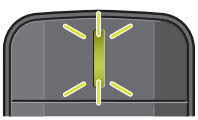
The following indications are possible:

- if the heater is ON



LED: flashes 5x green

- if the heater is OFF → heater is switched ON



LED: flashes 12x green

If heating mode or ventilation mode is not required, press the button; the heater is switched off.

**Note**

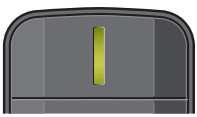
Possible LED indications such as alternating red-green flashing, red flashing or continuously lit red are described in the chapter “What to do if …?” from page 13.

## 3.5 Permanently change the operating time

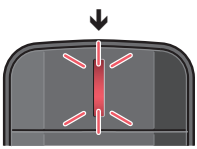
Keep the button pressed until “current operating time will be displayed as flashing” appears.

**Note**

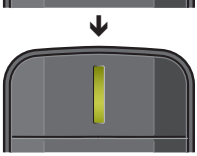
A switched on heater is switched off with this setting.



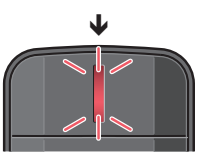
Data transmission
LED: lights up green



LED: flashes red for 8 seconds



Data transmission
LED: lights up green

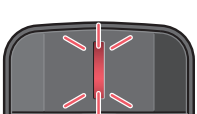


Current operating time is indicated by flashing,
e.g. 3x red for 30 minutes operating time.

Release the button; further flashing signals follow for the selection of the operating time (from page 8).

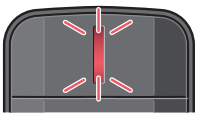
**Selection of the operating time**

10 minutes operating time



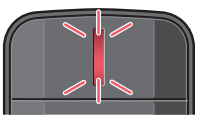
LED: flashes 1x red

20 minutes operating time



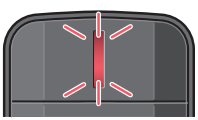
LED: flashes 2x red

30 minutes operating time



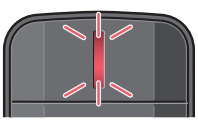
LED: flashes 3x red

40 minutes operating time



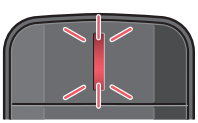
LED: flashes 4x red

50 minutes operating time



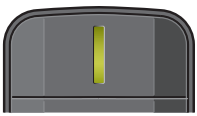
LED: flashes 5x red

60 minutes operating time



LED: flashes 6x red

Confirm the selected operating time in the pauses between the respective flashing sequences by pressing the button.



Data transmission LED: lights up green

LED: flashes e.g. 4x red

The selected operating time is saved and is indicated by flashing once again (e.g. LED flashes 4x red for an operating time of 40 minutes).

**Note**

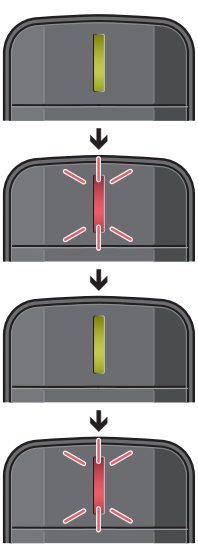
The flashing signals for selection of the operating time are indicated from the current operating time up to the 60th minute and then twice completely from the 10th to the 60th minute.
Mobile unit is then Off (Standby).
The setting can be exited with a timeout.
Do not press the button during the setting, as otherwise the operating mode changes.

## 3.6 Switch to HEATING or VENTILATION

**Note**

This function is only possible if the heater supports the Ventilation function. A switched on heater is switched off with this setting.

Keep the button pressed until "CURRENT OPERATING TIME IS DISPLAYED" appears.



Data transmission LED: lights up green

LED: flashes red for 8 seconds

Data transmission LED: lights up green

The current operating time is indicated by flashing.

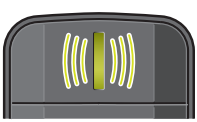
Release the button while the operating time is flashing.

**Note**

Make the following setting within 30 seconds of letting go of the button.

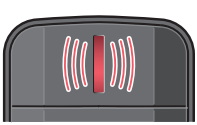
Press the button again; the operating mode is changed.

- Switch from HEATING to VENTILATION



LED: flickers green for approx. 10 seconds

- Switch from VENTILATION to HEATING



LED: flickers red for approx. 10 seconds

**Note**

The operating mode is permanent until it is changed over again.
The setting can be exited with a timeout.

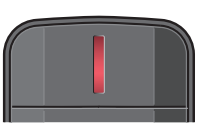
### 3.7 Function pushbuttons

The following activities can be executed with the buttons installed in the vehicle:

- Start heating mode, the last entry made for the operating time applies (button LED ON).
- Switch off heater mode (button LED OFF)
- Teach the mobile unit, see installation instructions.

## 4 Maintenance

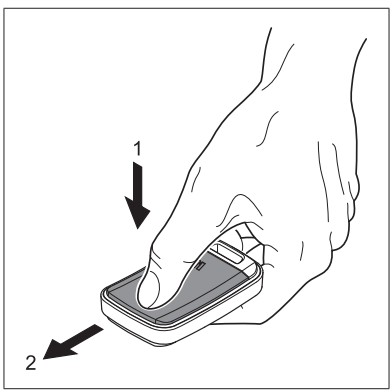
### 4.1 Charged status of the mobile unit's battery



LED: lights up red for 4 seconds

If the LED-indicator of the mobile unit indicates that the battery is too weak with a red indicator, purchase a CR 2032 type round cell battery made by Varta, Sony or Renata, as recommended by JE-Eberspächer.

### 4.2 Replacing the battery




- Open the battery compartment
- Remove dead battery.
- Insert new battery.
  The battery has been correctly inserted if the plus pole symbol and the type designation of the battery can be read.
- Put on the battery compartment cover and latch into place.
- Activate the mobile unit (see page 7).

# 5 What to do if …?

## 5.1 In the event of a fault the following flashing signals are possible:

| LED indicator | Possible causes | Remedy / Customer |
|---|---|---|
| On pressing the or button, slow red-flashing 5x | Fault heater. | Visit your vehicle workshop. |
| | The EasyStart Remote has been disconnected from the power supply and then reconnected. | Teach mobile unit as described in the installation instruction.<br>Wait until the automatic detection has finished. |
| After pressing the or button, fast red-green flashing 12x (Communication is not possible between the mobile unit and stationary unit.) | Distance between mobile unit and vehicle too large. | Reduce distance. |
| | Dense buildings between the mobile unit and vehicle. | Change the position relative to the vehicle e.g. hold mobile unit higher or move it to the side.<br>Reduce distance from vehicle. |
| | Several radio remote controls are being used simultaneously. | Reactivate the mobile unit after a pause. |
| | Mobile unit has not been taught. | Teach mobile unit as described in the installation instruction. |

**Note**

The unit cannot be used during the “red-green-flashing” signal. A switched on heater can only be switched off using the button in the vehicle.

| LED indicator | Possible causes | Remedy / Customer |
|---|---|---|
| LED flashes quickly (flickers) green (6 seconds) | Stationary unit is in learn mode. | Teach mobile unit as described in the installation instruction. Wait until the automatic detection has finished. |
| LED lights up red following activation (4 seconds) | The mobile unit's battery is too weak. Data transmission is not possible. | Replace battery (see page 12). |

## 5.2 The following faults are possible

| Fault | Possible causes | Remedy /Customer |
|---|---|---|
| The mobile unit cannot be activated | Battery dead. | Replace battery (see page 12). |
| | No battery inserted. | Insert battery (see page 12). |
| | Battery inserted wrong way around. | Insert battery correctly (see page 12). |
| LED at the button flashes | Stationary unit is in learn mode. | The display switches itself off after 30 seconds or teach the mobile unit as described in the installation instruction. |

# 6 Service

## 6.1 Technical Support

If you have any technical questions or problems with the heater, the control unit or the operating software, please contact the following service address:
support-UK@eberspaecher.com

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73730 Esslingen
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