







OPERATING INSTRUCTIONS EASYSTART REMOTE+



CONTROL UNIT FOR
EBERSPÄCHER PARKING HEATERS

CONTENTS

CHAPTER	CHAPTER TITLE	PAGE
	CHAPTER CONTENTS	
1	INTRODUCTION	
	Please read first	4
	Safety information	4
	Statutory regulations	4
	Range of uses	4
	General information	5
2	OVERVIEW	
	EasyStart Remote+ mobile unit	6
	Button functions	6
	▪  LONGPRESS button	6
	▪  SHORTPRESS button	6
	▪  LONGPRESS button	6
	▪  SHORTPRESS button	6
	▪ Press  button 1x / keep pressed	6
	▪ Press  button 1x / keep pressed	6
3	OPERATION AND SETTING/ADJUSTMENT	
	Notes on operation and setting	7
	Notes on operation and setting	8
	Factory setting	8
	Main menu	9
	Start display following activation of the mobile unit	10
	Displays for activated menu items	10
	Heating immediately with LONGPRESS (without settings)	11
	Heating OFF with LONGPRESS	11

CONTENTS

	Heating ON with SHORTPRESS and with settings	12
	Heating OFF with SHORTPRESS	13
	Change the temperature setpoint and / or the operating time during operation	13
	Set ventilation ON with SHORTPRESS, if applicable set the operating time	15
	Ventilation OFF with LONGPRESS	16
	VENTILATION OFF with SHORTPRESS	16
	Add-on unit ON – e.g. activate the HEATING function for a 2nd heater	17
	Add-on unit ON – e.g. activate the VENTILATION function for a 2nd heater	18
	Add-on unit OFF with LONGPRESS	20
	Add-On Unit OFF with SHORTPRESS	20
	General information on programming the preset time	21
	Program preset times	23
	Program memory settings	23
	Settings	27
	Function pushbuttons	29
4	MAINTENANCE	
	Charged status of the mobile unit's battery	30
	Replacing the battery	30
5	WHAT TO DO IF ...?	
	In the event of a fault the following displays are possible	31
6	SERVICE	
	Hotline	33

1 INTRODUCTION

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.

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 30](#)).



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.

RANGE OF USES

The EasyStart Remote+ radio remote control is used to select the operating mode, to set the operating time, to preselect the switching on time and to switch On / Off the heater and / or add-on unit installed in the vehicle.




PLEASE NOTE!

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

1 INTRODUCTION

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 4 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, however, displays can appear on the display, which are described in the chapter “What to do if ...?” [from page 31](#).
- If you and the mobile unit are outside the range you do not have to do without the heater. The pre-set mode is then available as an alternative.
- If a vehicle was powerless (battery disconnected) and the power supply is restored, the button flashes for 30 seconds and **Add** or **AddE** appears in the display for selection. Press the  button to confirm the selection.
- The time and the weekday must then be set.
- Use of the mobile unit is described in detail [from page 7](#).

NOTE ON THE **AddE** DISPLAY

The **AddE** function is used to only teach the current mobile unit. All previously “tached” mobile units are deleted.

NOTE ON THE **Add** DISPLAY

The **Add** function can be used to teach up to 4 mobile units to one stationary unit; but only one mobile unit can make contact with the stationary unit.

2 OVERVIEW

EASYSTART REMOTE+ MOBILE UNIT

The mobile unit of the EasyStart Remote+ radio remote control can be used to make the necessary settings for operation of the heater and / or the add-on unit.



BUTTON FUNCTIONS

LONGPRESS button

The button must be pressed for longer than 2 seconds.

The heater is switched on immediately if ON or OFF appears in the display (except if programming is running or while making settings).

SHORTPRESS button

The button must be pressed for less than 2 seconds

- if the display shows OFF → mobile unit ON, the Start display appears.
- a selected function is confirmed.
- inputs are confirmed.

LONGPRESS button

The button must be pressed for longer than 2 seconds

- all functions are ended.
- if the display shows OFF → mobile unit ON, the Start display appears.

SHORTPRESS button

The button must be pressed for less than 2 seconds

- the displayed, activated function is ended, other activated functions are retained.
- With each SHORTPRESS the display changes to a next-higher level up to Start display.
- The mobile unit is in submenu → the setting is exited, already set values are not saved.
- if the display shows OFF → mobile unit ON, the Start display appears.

Press  button 1x / keep pressed

- Mobile unit is in the Main menu and the Start display appears → in the Menu bar the next, right-hand symbol appears in the middle and flashing.
- Mobile unit is in the submenu → the displayed value is changed (larger), or the next selection is displayed.

Press  button 1x / keep pressed

- Mobile unit is in the Main menu → in the Menu bar the next, left-hand symbol appears in the middle and flashing.
- Mobile unit is in the submenu → the displayed value is changed (smaller), or the next selection is displayed.

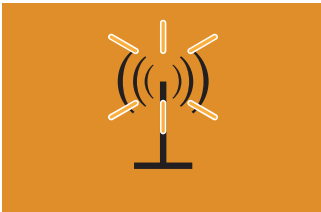
3 OPERATION AND SETTING/ADJUSTMENT

NOTES ON OPERATION AND SETTING

ACTIVATE MOBILE UNIT

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

To do this, press  or  button, a transmitting antenna appears in the display.



Display during the data transmission.


If the data transmission was successful the active operating mode or the Start display appears in the display; continue with the operation or setting.



If the data transmission failed the flashing, crossed out antenna appears in the display. For a remedy for failed data transmission, refer to the chapter “What to do if ...?” [from page 31](#).



Display following failed data transmission.


FLASHING SYMBOL / FLASHING VALUE

A flashing symbol can be activated with the  button in the menu bar of the Main menu.

In the submenu a flashing value can be confirmed or a selection made using the  or  button.

The symbol of the menu item to be activated appears in the middle and flashing in the display. In the case of several activated menu items the symbols are displayed alternately.

CONFIRM INPUT

The settings and changes must always be confirmed by pressing the  button, otherwise they are lost.

CANCEL / EXIT SETTINGS

The setting can be cancelled or exited by pressing the  button.

DISPLAY



The display lights up while the mobile unit is in operation.

if no setting or actuation is made the display goes out within 10 seconds, i.e. the mobile unit switches to standby.

For renewed input, SHORTPRESS the  button or  button.

3 OPERATION AND SETTING/ADJUSTMENT

SETTING THE OPERATING TIME

The operating time can be set individually using the  or  button. Setting range of the operating time min. 10 – max. 120 minutes, the input is made in 1 min. intervals. Continuous heating mode is additionally possible for air heaters.

HEATING ON WITH LONGPRESS

The heater is switched on immediately. An add-on heater is **not** switched on at the same time.

HEATING OFF WITH LONGPRESS

If a heater and an add-on unit is in operation both are switched off.

NOTES ON OPERATION AND SETTING

VENTILATION OPERATING TIME

VENTILATION mode is not possible with all heater types (see the Technical Description of the heater for details).

TEMPERATURE SENSOR

A temperature sensor, included in the scope of supply, must be connected for the temperature query inside the vehicle for water heaters. In the case of air heaters it is not necessary to install the temperature sensor supplied, as the temperature sensor installed in the heater for temperature query can also be used to determine the interior temperature.

ADD-ON UNIT

An add-on unit can be e.g. a second heater or parking air conditioning. Further, it is also possible to combine a heater with a fan; the fan is then used for air distribution in the vehicle interior.

A heater and the add-on unit can be operated simultaneously or independently of each other.

PLEASE NOTE!

The number of symbols and displays differs depending on the installed heater and feature options.

FACTORY SETTING

PROGRAM / PRESELECTION (for all heaters)

- Weekday group Mon – Fri
- Departure time 07:00
- Language DE
- Time format 24 h
- Operating time for preselection (preset) 30 minutes

AIR HEATERS

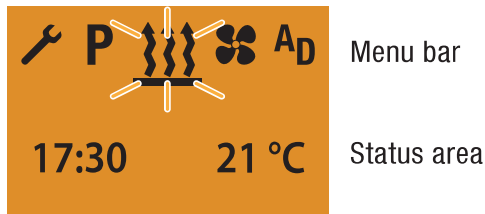
- Continuous heating operating time
- Setpoint temperature 21 °C

WATER HEATERS

- Operating time 30 minutes
- automatic operating time calculation OFF

3 OPERATION AND SETTING/ADJUSTMENT

MAIN MENU



MENU BAR

The following menu items can be selected.

Symbol	Function
	Heating ON / OFF
	Ventilation ON / OFF
AD	Add-on unit ON / OFF (e.g. a second heater)
	Settings
P	Program / Preselection

PLEASE NOTE!

The **AD** symbol for the ADD-ON UNIT menu item must be activated in the Workshop menu; contact the installation workshop.

The symbol for the VENTILATION menu item is now displayed, if the heater supports this function.

STATUS AREA

If no menu item is activated, the current time and, if an (optional) temperature sensor is connected, the temperature in the vehicle interior are displayed in the status area.

Start display:

- Time, e.g. 17:30
- Temperature in the vehicle interior, e.g. 21 °C.

If a menu item is activated (heating, ventilation, add-on unit, settings or program / preselection), different information is displayed in the status area; this appears and described in the relevant sections.

SUBMENU



Display:

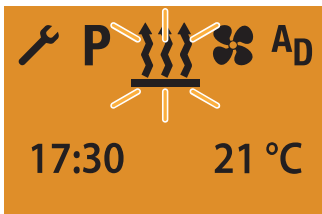
e.g. HEATING ON / Operating time 107 min.

In the submenu, the symbol of the selected menu item appears in the middle of the display.

The corresponding set value is displayed flashing in the entry area and can be set using the or button and confirmed with the button.

3 OPERATION AND SETTING/ADJUSTMENT

START DISPLAY FOLLOWING ACTIVATION OF THE MOBILE UNIT



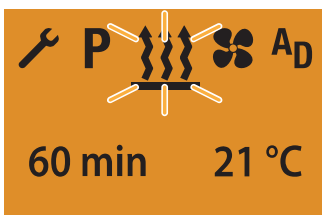
If no menu item is activated, the Start display appears with a flashing heater symbol in the Menu bar, with the current time and the actual temperature in the status area.

Other possible actions are:

- HEATING IMMEDIATELY with LONGPRESS.
- HEATING ON with SHORTPRESS, in addition confirm and if applicable set the temperature setpoint and operating time, [see page 12](#).
- select a new menu item.

DISPLAYS FOR ACTIVATED MENU ITEMS

HEATING ON



Other possible actions are:

- HEATING OFF, [see page 11](#) and [13](#).
- select a new menu item.

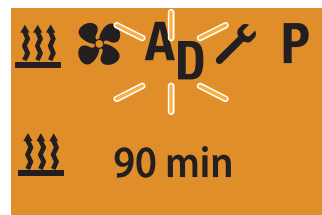
VENTILATION ON



Other possible actions are:

- VENTILATION OFF, [see page 16](#).
- select a new menu item.

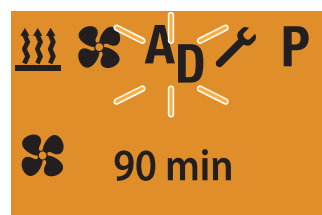
ADD-ON HEATER HEATING ON



Other possible actions are:

- ADD-ON UNIT HEATING OFF, [see page 20](#).
- select a new menu item.

ADD-ON HEATER VENTILATION ON




Other possible actions are:

- ADD-ON UNIT VENTILATION OFF, [see page 20](#).
- select a new menu item.

3 OPERATION AND SETTING/ADJUSTMENT

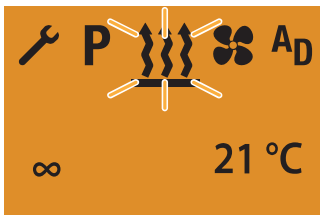
HEATING IMMEDIATELY WITH LONGPRESS (WITHOUT SETTINGS)

Press the  LONGPRESS button for longer than 2 seconds.


Following successful data transmission – heater ON.



Display for air heaters in continuous heating mode (factory setting).



PLEASE NOTE!


After switching on, "On" is displayed for 2 sec and then the remaining operating time or  for air heaters.

Set values are copied from the previous heating mode.

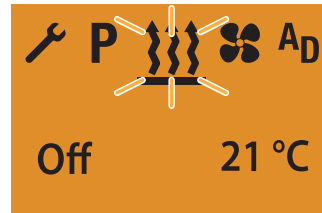
If LONGPRESS is pressed during heating mode the display switches to the HEATING submenu SET TEMPERATURE SETPOINT (only for air heater) and SET OPERATING TIME.

During heating mode it is possible to switch to another menu item. Under the Ventilation menu item, check the operating time and if necessary adjust.

HEATING OFF WITH LONGPRESS

Press the  LONGPRESS button for longer than 2 seconds.

Following successful data transmission – heater OFF.




The display lighting goes out 10 seconds after HEATING OFF is displayed.


PLEASE NOTE!

With HEATING OFF with LONGPRESS all active functions are ended.

The following actions are possible during the HEATING OFF display:



Use the  or  button to select a menu item.

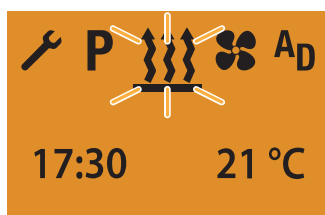
 SHORTPRESS button; the Start display appears.

 SHORTPRESS button; the HEATING submenu is displayed.

3 OPERATION AND SETTING/ADJUSTMENT

HEATING ON WITH SHORTPRESS AND WITH SETTINGS

Press the  or  button to activate the mobile unit. Following successful data transmission the Start display appears.





 SHORTPRESS button for less than 2 seconds; the HEATING submenu is displayed.

PLEASE NOTE!

The following settings and confirmations (temperature setpoint and operating time) are always required.


SET TEMPERATURE SETPOINT – FOR AIR HEATERS ONLY

If applicable, use the  or  button to set the temperature setpoint.



Temperature setpoint setting range:

8 °C – 36 °C in 1 °C increments,
46 °F – 97 °F in 1 °F increments.



Press the  button to confirm the temperature setpoint.


SETTING THE OPERATING TIME

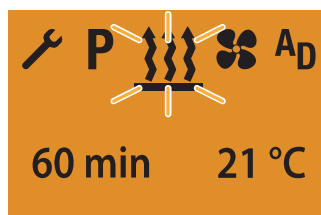
If necessary, use the  or  button to set the operating time.

Operating time setting range:

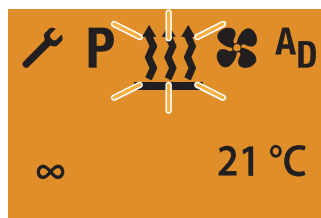
Min 10 – max 120 min in 1 min. increments, continuous heating mode is possible for air heaters.




Press the  button to confirm the operating time. Heater ON.



Display for air heaters in continuous heating mode (factory setting).



PLEASE NOTE!

After switching on, “On” is displayed for 2 sec and then the remaining operating time or  for air heaters.


During heating mode it is possible to switch to another menu item. Under the VENTILATION menu item, check the operating time and if necessary adjust.

The changed operating time is offered again the next time the system is started.

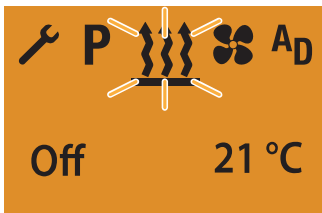
3 OPERATION AND SETTING/ADJUSTMENT

HEATING OFF WITH SHORTPRESS

Press the  or  button to activate the mobile unit. Following successful data transmission the HEATING menu item is displayed.

Press the  SHORTPRESS button for less than 2 seconds.

Heater **OFF**.




The display lighting goes out 10 seconds after HEATING OFF is displayed.


PLEASE NOTE!

The heater switches off, an active add-on unit remains in operation.



The following actions are possible during the HEATING OFF display:

Use the  or  button to select a menu item.

 SHORTPRESS button; the Start display appears.

 SHORTPRESS button; the HEATING submenu is displayed.

CHANGE THE TEMPERATURE SETPOINT AND / OR THE OPERATING TIME DURING OPERATION

Press the  or  button to activate the mobile unit. Following successful data transmission the HEATING / VENTILATION / ADD-ON UNIT HEATING or ADD-ON UNIT VENTILATION menu item is displayed.

Press the  SHORTPRESS button for less than 2 seconds.



PLEASE NOTE!

The temperature setpoint set before switching on the heater or confirmed temperature setpoint and the current remaining operating time are displayed as set values.

The operating time and the temperature setpoint are changed once.

Both set values must be confirmed.

SET TEMPERATURE SETPOINT – ONLY FOR AIR HEATERS, NOT FOR THE VENTILATION FUNCTION


If applicable, use the  or  button to set the temperature setpoint.

Temperature setpoint setting range:

8 °C – 36 °C in 1 °C increments,

46 °F – 97 °F in 1 °F increments.



Press the  button to confirm the temperature setpoint. The temperature setpoint is changed once.

3 OPERATION AND SETTING/ADJUSTMENT

SETTING THE OPERATING TIME

If necessary, use the ◀ or ▶ button to set the operating time.

Operating time setting range:

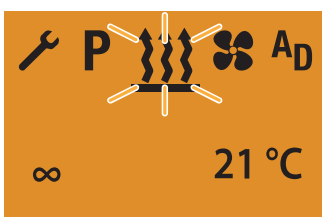
Min 10 – max 120 min in 1 min. increments, continuous heating mode is possible for air heaters.



Press the ◻ button to confirm the operating time. The operating time is changed once.







Display for air heaters in continuous heating mode.



3 OPERATION AND SETTING/ADJUSTMENT

SET VENTILATION ON WITH SHORTPRESS, IF APPLICABLE SET THE OPERATING TIME

Press the  or  button to activate the mobile unit. Following successful data transmission the Start display appears.

Use the  or  button to select the  ventilation symbol in the Menu bar.





Confirm the VENTILATION menu item by pressing the  button.

PLEASE NOTE!

The following setting or confirmation is absolutely necessary.

SETTING THE OPERATING TIME

If necessary, use the  or  button to set the operating time.

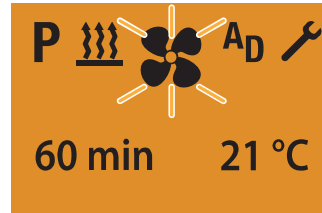
Operating time setting range:

Min 10 – max 120 min in 1 min. increments, continuous VENTILATION mode possible for air heaters.



Press the  button to confirm the operating time.


The operating time is changed permanently.




Display for air heaters in continuous VENTILATION mode



PLEASE NOTE!


After switching on, “On” is displayed for 2 sec and then the remaining operating time or  for air heaters.

During ventilation mode it is possible to switch to another menu item. Under the HEATING menu item, check the operating time and if necessary adjust. If the  symbol is not displayed the VENTILATION function is not available for the heater.

The changed operating time is offered again the next time the system is started.

3 OPERATION AND SETTING/ADJUSTMENT

VENTILATION OFF WITH LONGPRESS

Press the  LONGPRESS button for longer than 2 seconds

Heater OFF.



The display lighting goes out 10 seconds after VENTILATION OFF is displayed.


PLEASE NOTE!

With VENTILATION OFF with LONGPRESS all active functions are ended.

The following actions are possible during the VENTILATION OFF display:


Use the  or  button to select a menu item.

 SHORTPRESS button; the Start display appears.

 SHORTPRESS button; the VENTILATION submenu is displayed.

VENTILATION OFF WITH SHORTPRESS

Press the  or  button to activate the mobile unit. Following successful data transmission the VENTILATION menu item appears in the display.

Press the  SHORTPRESS button for less than 2 seconds.

Heater OFF.



The display lighting goes out 10 seconds after VENTILATION OFF is displayed.


PLEASE NOTE!

The heater switches off, an active add-on unit remains in operation.

The following actions are possible during the VENTILATION OFF display:



Use the  or  button to select a menu item.



 SHORTPRESS button; the Start display appears.

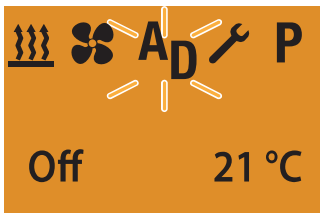
 SHORTPRESS button; the VENTILATION submenu is displayed.

3 OPERATION AND SETTING/ADJUSTMENT

ADD-ON UNIT ON – E.G. ACTIVATE THE HEATING FUNCTION FOR A 2ND HEATER

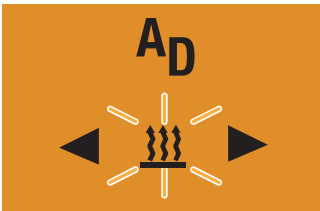
Press the  or  button to activate the mobile unit. Following successful data transmission the Start display appears.

Use the  or  button to select the **A_D** symbol in the Menu bar.



Confirm the ADD-ON UNIT menu item by pressing the  button.

Use the  or  button to select the  symbol.



Confirm the HEATING function using the  button.

PLEASE NOTE!

The following settings or confirmations are absolutely necessary.


SET TEMPERATURE SETPOINT – FOR AIR HEATERS ONLY

Use the  or  button to set the temperature setpoint.


Temperature setpoint setting range:

8 °C – 36 °C in 1 °C increments,
46 °F – 97 °F in 1 °F increments.



Press the  button to confirm the temperature setpoint.


SETTING THE OPERATING TIME

Use the  or  button to set the operating time.

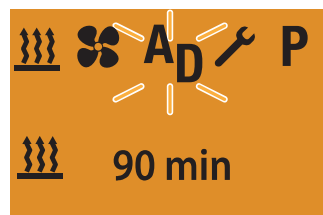
Operating time setting range:

Min 10 – max 120 min in 1 min. increments, continuous heating mode is possible for air heaters.



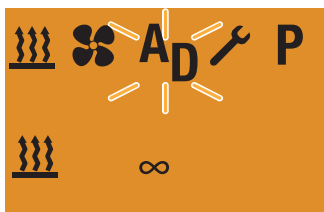
Press the  button to confirm the operating time. The operating time is changed permanently.

Heater ON.



3 OPERATION AND SETTING/ADJUSTMENT

Display for air heaters in continuous heating mode (factory setting).



PLEASE NOTE!

After switching on, “On” is displayed for 2 sec and then the remaining operating time or ∞ for air heaters.

During heating mode it is possible to switch to another menu item. Under the VENTILATION menu item, check the operating time and if necessary adjust.

If the **AD** symbol is not displayed the ADD-ON UNIT menu item is not activated.

The add-on unit, e.g. a 2nd heater, can be operated simultaneously with the 1st heater yet with a different operating mode and with different values for the temperature setpoint and the operating time.

The changed operating time is offered again the next time the system is started.

ADD-ON UNIT ON – E.G. ACTIVATE THE VENTILATION FUNCTION FOR A 2ND HEATER

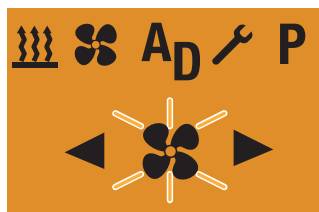
Press the or button to activate the mobile unit. Following successful data transmission the Start display appears.

Use the or button to select the **AD** symbol in the Menu bar.



Confirm the ADD-ON UNIT menu item by pressing the button.

Use the or button to select the symbol.



Confirm the VENTILATION function by pressing the button.

PLEASE NOTE!

If the symbol is not displayed the VENTILATION function is not available for the heater.

3 OPERATION AND SETTING/ADJUSTMENT

PLEASE NOTE!

The following setting or confirmation is absolutely necessary.

SETTING THE OPERATING TIME

If necessary, use the ◀ or ▶ button to set the operating time.

Operating time setting range:

Min 10 – max 120 min in 1 min. increments, continuous VENTILATION mode possible for air heaters.

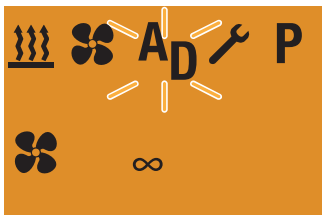


Press the ◻ button to confirm the operating time. The operating time is changed permanently.

Heater ON.



Display for air heaters in continuous VENTILATION mode (factory setting).



PLEASE NOTE!

After switching on, “On” is displayed for 2 sec and then the remaining operating time or ∞ for air heaters.


During ventilation mode it is possible to switch to another menu item. Under the HEATING menu item, check the operating time and if necessary adjust. If the Ad symbol is not displayed the ADD-ON UNIT menu item is not activated.

The add-on unit, e.g. a 2nd heater, can be operated simultaneously with the 1st heater yet with a different operating mode and with different values for the temperature setpoint and the operating time.

The changed operating time is offered again the next time the system is started.

3 OPERATION AND SETTING/ADJUSTMENT

ADD-ON UNIT OFF WITH LONGPRESS

Press the  LONGPRESS button for longer than 2 seconds

Add-on unit OFF.







The display lighting goes out 10 seconds after ADD-ON-UNIT OFF is displayed.


PLEASE NOTE!

With ADD-ON UNIT OFF with LONGPRESS all active functions are ended.

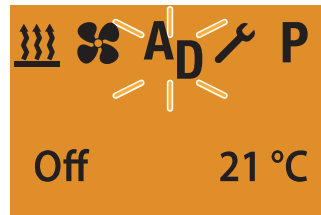
The following actions are possible during the ADD-ON UNIT OFF display:

- Use the  or  button to select a menu item.
 -  SHORTPRESS button; the Start display appears.
 -  SHORTPRESS button; the HEATING submenu is displayed.
-

ADD-ON UNIT OFF WITH SHORTPRESS

Press the  SHORTPRESS button for less than 2 seconds.





Add-on unit OFF.



The display lighting goes out 10 seconds after ADD-ON-UNIT OFF is displayed.

PLEASE NOTE!

The following actions are possible during the ADD-ON UNIT OFF display:

- Use the  or  button to select a menu item.
 -  SHORTPRESS button; the Start display appears.
 -  SHORTPRESS button; the HEATING submenu is displayed.
-

3 OPERATION AND SETTING/ADJUSTMENT

GENERAL INFORMATION ON PROGRAMMING THE PRESET TIME

The programming of the preset time is carried out in menu item **P**.

The mobile unit of the EasyStart Remote+ can be used to program 3 preset times. The 3 preset times can either all take place on one weekday or can be distributed between different weekdays.

3 weekday ranges are available to choose from, these can each be started daily with a preset time.

Weekday ranges:

Sat – Sun 2x HEATING / VENTILATION

Mon – Fri 5x HEATING / VENTILATION

Mon – Sun 7x HEATING / VENTILATION

If the system is activated with programmed weekday range, all weekdays are worked through consecutively; after that renewed programming is required.

Example:

If the mobile unit of the EasyStart Remote+ with a programmed weekday range Mon – Fri is activated on Sunday, the heater heats or ventilates from Monday to Friday with the set defaults (5x HEATING / VENTILATION).

If the mobile unit of the EasyStart Remote+ with a programmed weekday range Mon – Fri is activated on Wednesday, the heater heats or ventilates on Thursday and Friday, the heater is not operated on Saturday and Sunday. From Monday to Wednesday of the following week the operation is continued with the set defaults (5x HEATING / VENTILATION).

After a weekday range has been worked through renewed programming is required.

PLEASE NOTE!

When programming the EasyStart Remote+, note the operating mode as described in the following.

DEPARTURE TIME OPERATING MODE (FACTORY SETTING)

Under the following conditions the preselected heating mode is not started on the current day.

- The current day and the preselected day are identical.
- The current time lies within the time period, departure time minus operating time.

Example:

Current day / preselected day: Thu

Current time: 18:45

Departure time: 19:00

Operating time: 30 minutes

Duration: 18:30 to 19:00

The current time lies within the time period, the heater is not switched on.

The program will be run during the next week.

START TIME OPERATING MODE

In Start Time operating mode the heater is started on the preselected day and when the set time is reached.

3 OPERATION AND SETTING/ADJUSTMENT

AUTOMATIC OPERATING TIME CALCULATION

(for water heaters only)

For water heaters with a connected temperature sensor the heating start is calculated automatically depending on the measured room temperature and the selected heating level (ECO or HIGH).

The operating time can lie between 10 and 60 minutes; operation is always ended 5 minutes after the programmed departure time. This can result in a minimum operating time of 15 minutes and a maximum operating time of 65 minutes.

The operating time set in the PROGRAM / PRESELECTION menu is ineffective in this case.



In all other configurations the start takes place according to the preset operating time.



PLEASE NOTE!

- The ECO and HIGH heating levels are only effective in conjunction with a programmed preset time.
 - In the factory the preset times are always departure times, even if operating time calculation is deactivated.
 - It is not possible to program more than 3 preset times.
 - The max. operating time of 65 minutes for the automatic operating time calculation is a factory setting. This can be reduced to 15 minutes if necessary by the installation workshop.
 - If the automatic operating time calculation function is activated for water heaters, the operating time for determining the time period is 60 min.
-

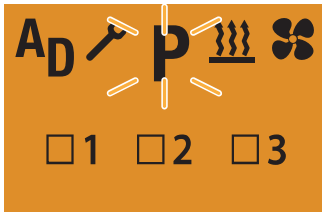
3 OPERATION AND SETTING/ADJUSTMENT

PROGRAM PRESET TIMES

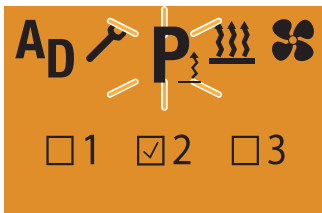
Press the  or  button to activate the mobile unit. Following successful data transmission the Start display appears.


Use the  or  button to select the **P** symbol in the Menu bar.

Display, if no preselection is activated.





Display, if a preselection is activated e.g. P2.



Confirm the PROGRAM menu item by pressing the  button.



PLEASE NOTE!

If the **P** symbol is marked with , a or several program memories is/are already activated.

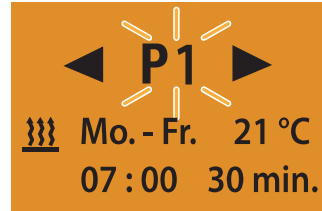
Activated program memories are marked in the display with a .

PROGRAM MEMORY SETTINGS

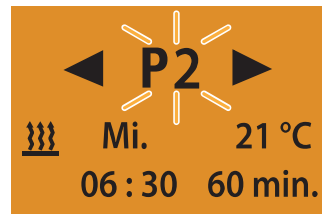
SELECTING THE PROGRAM MEMORY


The P1 program memory is displayed, if applicable, use the  or  button to select the next program memory P2, P3 or P1 again.

Program memory P1 display, factory setting.





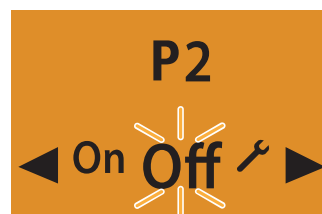
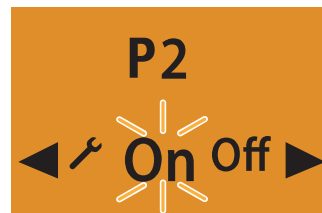
Program memory P2 display with programmed preselection.




Press the  button to confirm the selected program memory.

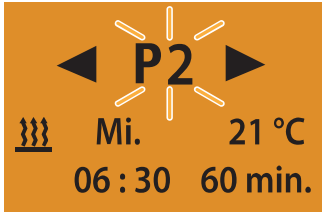
ACTIVATING / DEACTIVATING THE PROGRAM MEMORY

Use the  or  button to select the “On” or “Off” setting.





Confirm the “On” or “Off” setting with the  button, the program, e.g. P2 is activated or deactivated.

3 OPERATION AND SETTING/ADJUSTMENT



PLEASE NOTE!

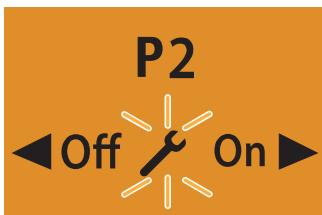
After editing the program, press the  button to return to the PROGRAM / PRESELECTION menu item or wait until the display lighting goes out.


Do not press the  button, as otherwise the “On” setting switches to “Off” and vice versa.

EDITING THE PROGRAM MEMORY



Use the  button to confirm the selected program memory, e.g. P2.

Use the  or  button to select the  symbol.




Press the  button to confirm the setting.

SELECTING THE WEEKDAY GROUP / WEEKDAY

Use the  or  button to select the weekday group Mon – Fri, Sat – Sun, Mon – Sun or a weekday Mon, Tue, Wed, Thu, Fri, Sat, Sun.




Press the  button to confirm the setting.

SETTING THE DEPARTURE TIME / START TIME


Use the  or  button to set the hours.



Press the  button to confirm the setting.



Use the  or  button to set the minutes.

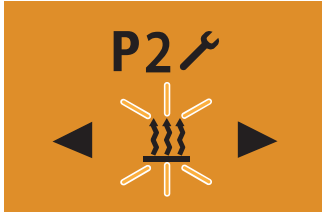



Press the  button to confirm the setting.

3 OPERATION AND SETTING/ADJUSTMENT

SELECTING THE OPERATING MODE

Use the ◀ or ▶ button to deselect the  symbol or the .



Confirm the HEATING or VENTILATION function by pressing the  button.


SET TEMPERATURE SETPOINT – FOR AIR HEATERS ONLY

Use the ◀ or ▶ button to set the temperature setpoint.

Temperature setpoint setting range:

8 °C – 36 °C in 1 °C increments,
46 °F – 97 °F in 1 °F increments.



Press the  button to confirm the temperature setpoint.

SELECTING THE HEATING LEVEL

only for water heaters with automatic operating time calculation

ECO heating level = normal heating, approx. 10 °C.
HIGH heating level = convenient / comfortable heating, approx. 14 °C.

Select **ECO** heating level or **HIGH** heating level using the ◀ or ▶ button.



Press the  button to confirm the heating level.

SETTING THE OPERATING TIME

Use the ◀ or ▶ button to set the operating time.

Operating time setting range:

Min. 10 – max. 120 min. in 1 min increments.



Press the  button to confirm the operating time.

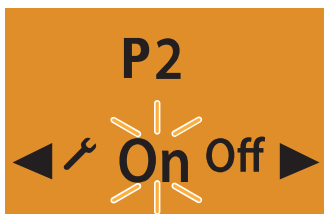
PLEASE NOTE!

In the case of water heaters with automatic operating time calculation the operating time is limited to max. 65 min. The operating time cannot be set.

For air heaters and preset mode the operating time is limited to 120 min. Continuous heating mode is not possible.

3 OPERATION AND SETTING/ADJUSTMENT


ACTIVATING THE PROGRAM MEMORY




Press the  button to confirm the “On” setting.





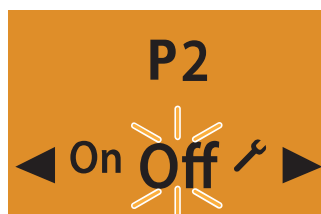
PLEASE NOTE!

After editing the program, press the  button to return to the PROGRAM / PRESELECTION menu item or wait until the display lighting goes out.

Do not press the  button, as otherwise the “On” setting switches to “Off” and vice versa.

DEACTIVATING THE PROGRAM MEMORY


Use the  or  button to select the “Off” setting.




Press the  button to confirm the “Off” setting.

PLEASE NOTE!

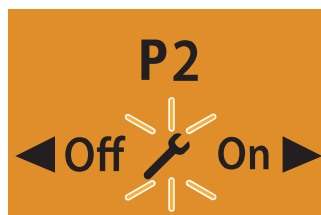
Previously made settings remain saved.

After editing the program, press the  button to return to the PROGRAM / PRESELECTION menu item or wait until the display lighting goes out.

Do not press the  button, as otherwise the “On” setting switches to “Off” and vice versa.

EDIT THE PROGRAM MEMORY AGAIN

Use the  or  button to select the  symbol.








Use the  button to confirm the setting and continue as described [on page 24, 25](#) and [26](#).

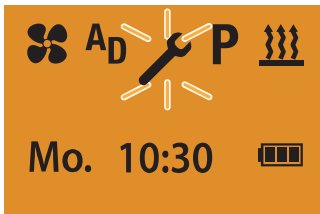
3 OPERATION AND SETTING/ADJUSTMENT

SETTINGS

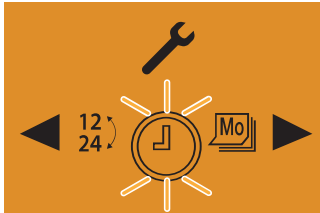
SETTING THE TIME


Press the  or  button to activate the mobile unit. Following successful data transmission the Start display appears.

Use the  or  button to select the  symbol in the Menu bar.



Confirm the SETTINGS menu item by pressing the  button.



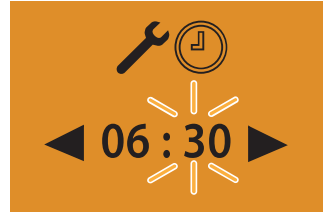
Confirm the SET TIME menu item by pressing the  button.


Use the  or  button to set the hours.




Press the  button to confirm the setting.


Use the  or  button to set the minutes.



Press the  button to confirm the setting.



PLEASE NOTE!




Do **not** press the  button, as otherwise SET THE TIME appears in the display again.

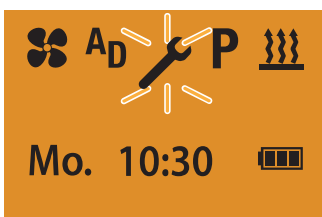
After making the setting, press the  button to return to the SETTINGS menu item or wait until the display lighting goes out.

3 OPERATION AND SETTING/ADJUSTMENT

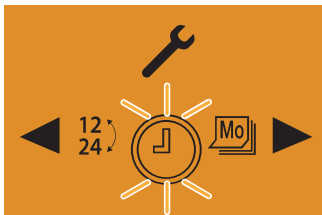
SETTING THE WEEKDAY

Press the  or  button to activate the mobile unit. Following successful data transmission the Start display appears.

Use the  or  button to select the  symbol in the Menu bar.



Confirm the SETTINGS menu item by pressing the  button.



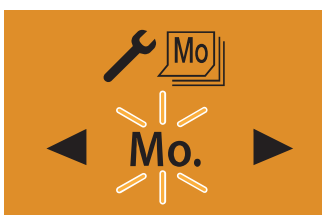
The  SET THE TIME is displayed.


Use the  or  button to select the  WEEKDAY symbol.




Press the  button to confirm the setting.


Use the  or  button to select the weekday.



Press the  button to confirm the weekday.


PLEASE NOTE!




Do **not** press the  button, as otherwise SET THE WEEKDAY appears in the display again.

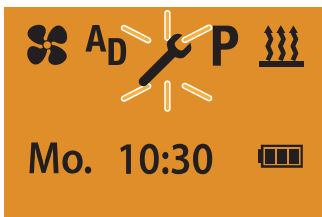
After making the setting, press the  button to return to the SETTINGS menu item or wait until the display lighting goes out.


3 OPERATION AND SETTING/ADJUSTMENT

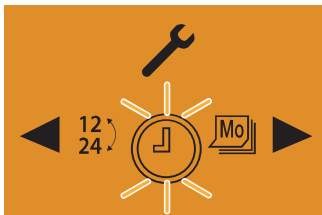
SETTING THE TIME FORMAT


Press the  or  button to activate the mobile unit. Following successful data transmission the Start display appears.

Use the  or  button to select the  symbol in the Menu bar.



Confirm the SETTINGS menu item by pressing the  button.



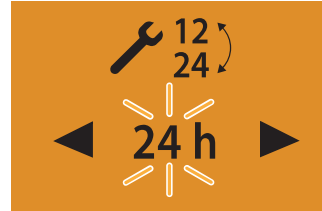
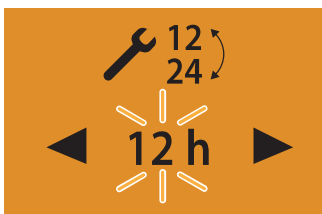
The SET THE TIME symbol  is displayed.

Use the  or  button to select the  TIME FORMAT symbol.




Press the  button to confirm the setting.


Use the  or  button to select the time format.



Press the  button to confirm the time format.

PLEASE NOTE!

Do **not** press the  button, as otherwise SET THE TIME FORMAT appears in the display again.

After making the setting, press the  button to return to the SETTINGS menu item or wait until the display lighting goes out.

FUNCTION PUSHBUTTONS

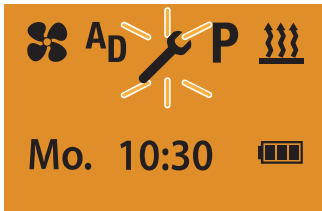
The following activities can be executed with the buttons installed in the vehicle:

- Starting heating mode, operating time is copied from the previous heating mode (LED ON).
- Switch off all active units (LED OFF).
- Teach the mobile unit, see installation instructions.

4 MAINTENANCE

CHARGED STATUS OF THE MOBILE UNIT'S BATTERY

The battery charge status is shown in the Start display of the SETTINGS menu item.



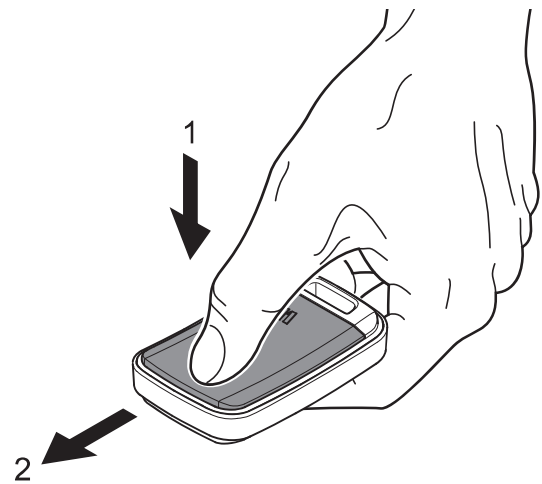
If “Battery Weak” appears in the display, purchase a standard **CR2430** round cell battery made by Varta, Sony or Renata, as recommended by Eberspächer, and insert it in the mobile unit.

	Battery ok
	Battery adequate
	Battery weak Change battery soon.
	Battery dead. Change immediately!

REPLACING THE BATTERY

- Open the battery compartment.



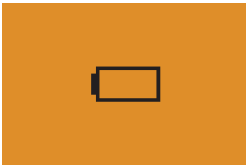

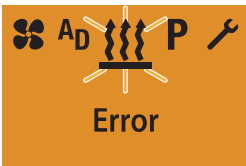
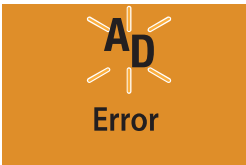
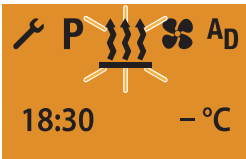
With your thumb in the position shown, push down on the battery compartment cover and then push it towards the front.




- 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.
- Position the battery compartment cover and then push it towards the back until it latches into place.
- Activate the mobile unit ([see page 7](#)).

5 WHAT TO DO IF ...?

IN THE EVENT OF A FAULT THE FOLLOWING DISPLAYS ARE POSSIBLE

DISPLAY	DESCRIPTION	REMEDY / CUSTOMER
	<ul style="list-style-type: none"> Automatic detection is active. The EasyStart Remote+ has been disconnected from the power supply and then reconnected. 	<p>Wait until the automatic detection has finished, then set the time and week-day, see page 27 and 28.</p>
		
	<ul style="list-style-type: none"> Battery dead. 	<p>Replace battery immediately!</p>
	<ul style="list-style-type: none"> No communication 	<p>Check and if necessary renew the heater fuse. Visit your vehicle workshop.</p>
	<ul style="list-style-type: none"> 1st heater fault. 	<p>Visit your vehicle workshop.</p>
	<ul style="list-style-type: none"> 2nd heater fault. 	<p>Visit your vehicle workshop.</p>
	<ul style="list-style-type: none"> Temperature sensor defective. 	<p>Visit your vehicle workshop.</p>

5 WHAT TO DO IF ...?

DISPLAY	DESCRIPTION	REMEDY / CUSTOMER
	<ul style="list-style-type: none"> Distance between the mobile unit and vehicle too large or at the range limit. 	Change the position relative to the vehicle e.g. hold mobile unit higher or move it to the side. Reduce distance from vehicle.
	<ul style="list-style-type: none"> Dense buildings between the mobile unit and vehicle. 	Reduce distance. If possible, reinstate visual contact with the vehicle.
	<ul style="list-style-type: none"> Mobile unit has not been taught. 	Teach mobile unit as described in the installation instruction.
	<ul style="list-style-type: none"> Several EasyStart Remote+ radio remote controls are being operated simultaneously. 	Reactivate the mobile unit after a pause.

DESCRIPTION	POSSIBLE CAUSE	REMEDY
The mobile unit cannot be activated	<ul style="list-style-type: none"> Battery dead. 	<ul style="list-style-type: none"> Replace battery.
	<ul style="list-style-type: none"> No battery inserted. 	<ul style="list-style-type: none"> Insert battery.
	<ul style="list-style-type: none"> Battery inserted incorrectly. 	<ul style="list-style-type: none"> Insert battery correctly.
LED indicator of the button is flashing	Stationary unit is in learn mode.	<ul style="list-style-type: none"> The indicator goes out automatically after 30 seconds. Teach mobile unit as described in the installation instructions.

PLEASE NOTE!

If you are unable to remedy the error or fault, please contact an authorised JE workshop or dial the following service phone number ([see page 31](#)).

6 SERVICE

HOTLINE

If you have any technical questions, a problem with the EasyStart Remote+ radio remote control or the heater, dial the following service phone number from within Germany.

Hotline: 0800 1234300

Fax hotline: 01805 262624

Outside of Germany, please contact the respective Eberspächer national representative.





Headquarters:

Eberspächer Climate Control Systems
GmbH & Co. KG

Eberspächerstraße 24

73730 Esslingen

Hotline: 0800 1234300

Fax hotline: 01805 262624

info@eberspaecher.com

www.eberspaecher.com



Eberspächer