

OPERATING INSTRUCTIONS EASYSTART TIMER



CONTROL UNIT FOR
EBERSPÄCHER PARKING HEATERS



CONTENTS

CHAPTER	CHAPTER TITLE	PAGE
	CHAPTER CONTENTS	
1	INTRODUCTION	
	Please read first	4
	Safety information	4
	Range of uses	4
	General information	4
2	OVERVIEW	
	EasyStart Timer	5
	Button functions	5
	▪  Longpress button	5
	▪  Shortpress button	5
	▪  Longpress button	5
	▪  Shortpress button	5
	▪ Press  button 1x / keep pressed	5
	▪ Press  button 1x / keep pressed	5
3	OPERATION AND SETTING/ADJUSTMENT	
	Notes on operation and setting	6
	Factory setting	7
	Main menu	8
	Start display after switching on	9
	Displays for activated menu items	9
	Heating immediately with Longpress (without settings)	10
	Heating OFF with Longpress	10
	Heating ON with Shortpress and with settings	11
	Heating Off with Shortpress	12

CONTENTS

	Change the temperature setpoint and / or the operating time during operation	12
	Set ventilation ON with Shortpress and if applicable set the operating time	14
	Ventilation OFF with Longpress	15
	Ventilation OFF with Shortpress	15
	Add-on unit On – e.g. activate the HEATING function for a 2nd heater	16
	Add-on unit On – e.g. activate the VENTILATION function for a 2nd heater	17
	Add-on unit OFF with Longpress	19
	Add-On Unit OFF with Shortpress	19
	General information on programming the preset time	20
	Program preset times	22
	EasyStart Timer settings	22
	Settings	26
4	WHAT TO DO IF ...?	
	In the event of a fault the following displays are possible:	29
5	SERVICE	
	Hotline	30

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!

RANGE OF USES

The EasyStart Timer 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.

GENERAL INFORMATION

The EasyStart Timer has a simple operating structure. All functions can be set and, if necessary, changed with only 4 buttons.

To use the AUTOMATIC OPERATING TIME CALCULATION function of a water heater, the optionally available temperature sensor must be used.

If a vehicle was without a power supply (battery disconnected) and the power supply is restored, INIT for automatic heater detection appears in the display of the EasyStart Timer.

If the detection was successful the time is displayed flashing in the start display. The time must be set.

Then the weekday must be set, [see page 26](#).

Use of the EasyStart Timer is described in detail [from page 6](#).

2 OVERVIEW

EASYSTART TIMER

The EasyStart Timer 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 → EasyStart Timer 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 → EasyStart Timer 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 EasyStart Timer OFF.
- the Start display appears and no function is active: → EasyStart Timer OFF.
- EasyStart Timer is in submenu → the setting is exited, already set values are not saved.
- if the display shows OFF → EasyStart Timer ON, the Start display appears.

Press ▣ button 1x / keep pressed

- EasyStart Timer 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.
- EasyStart Timer is in the → submenu, the displayed value is changed (larger), or the next selection is displayed.
- if the display shows OFF → EasyStart Timer ON, the Start display appears.

Press ▣ button 1x / keep pressed

- EasyStart Timer is in the Main menu and the Start display appears → in the Menu bar the next, left-hand symbol appears in the middle and flashing.
- EasyStart Timer is in the → submenu, the displayed value is changed (smaller), or the next selection is displayed.
- if the display shows OFF → EasyStart Timer ON, the Start display appears.

3 OPERATION AND SETTING/ADJUSTMENT

NOTES ON OPERATION AND SETTING

ACTIVATING THE EASYSTART TIMER

If the display is not lit the EasyStart Timer must be activated (not if heating ON with LONGPRESS).

SHORTPRESS on one of the four buttons, the Start display appears in the display, then continue with the operation or setting.

ACTIVATING A MENU ITEM

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.

DISPLAY

The display is lit


- during use of the EasyStart Timer.
- if terminal 58 is connected, with switched on vehicle lighting.
- if the heater / add-on heater is ON.



DISPLAY DISAPPEARS

If the vehicle lighting is switched off, no heater or add-on unit is switched on or if no setting or actuation is made, the display goes out within 10 seconds, i.e. the EasyStart Timer switches to standby.

For renewed input, one of the four buttons must be pressed first (not in heating ON with LONGPRESS).

FLASHING SYMBOL / FLASHING VALUE

In the Main menu a flashing symbol in the Menu bar is activated with the  button.

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


HEATING ON WITH LONGPRESS

The heater is switched on immediately. An add-on heater is **not** switched on immediately.


HEATING OFF WITH LONGPRESS

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



CANCEL / EXIT SETTINGS

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

CONFIRM INPUT

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

SETTING THE OPERATING TIME

The operating time can be set 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.

The operating time for a heater and for an add-on unit can be set independently of each other.

3 OPERATION AND SETTING/ADJUSTMENT

NOTES ON OPERATION AND SETTING

EXTENDING THE OPERATING TIME

The operating time can be extended to up to 720 min, the input is made from the 120th min. in 5 min intervals. To do this, contact the installation workshop.

VENTILATION OPERATING MODE

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

TEMPERATURE SENSOR

In the settings and operations described in the following it is assumed that a temperature sensor is connected for a water heater.

In the case of air heaters the temperature sensor installed in the heater and which is provided for control of the heater 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

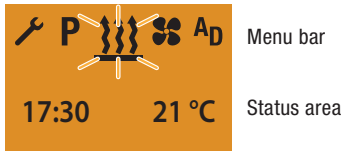
- Continuous heating operating time
- Setpoint temperature 21 °C

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.

Only the and symbols are displayed in vehicles in ADR mode. If the heater supports the VENTILATION function the symbol is also displayed.

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:

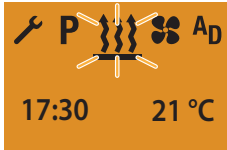
e.g. HEATING ON / Operating time 107 min.

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 AFTER SWITCHING ON



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 11](#).
- select a new menu item.

DISPLAYS FOR ACTIVATED MENU ITEMS

HEATING ON



Other possible actions are:

- HEATING OFF, [see page 10](#) and [12](#).
- select a new menu item.

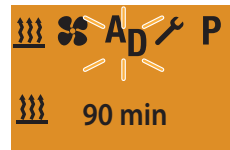
VENTILATION ON



Other possible actions are:

- VENTILATION OFF, [see page 15](#).
- select a new menu item.

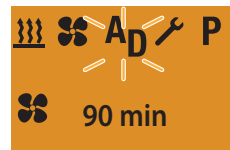
ADD-ON HEATER HEATING ON



Other possible actions are:

- ADD-ON UNIT HEATING OFF, [see page 19](#).
- select a new menu item.

ADD-ON HEATER VENTILATION ON




Other possible actions are:

- ADD-ON UNIT VENTILATION OFF, [see page 19](#).
- select a new menu item.

3 OPERATION AND SETTING/ADJUSTMENT

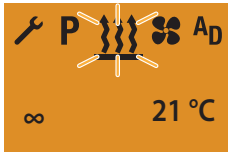
HEATING IMMEDIATELY WITH LONGPRESS (WITHOUT SETTINGS)

Press the  LONGPRESS button for longer than 2 seconds.

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.

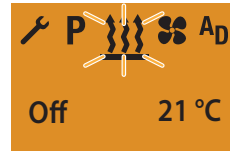
During heating mode it is possible to switch to another menu item. Under the VENTILATION menu item, check the operating time and if necessary adjust.

HEATING OFF WITH LONGPRESS

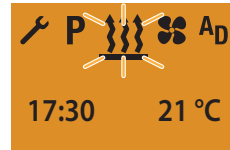
Display ON, the HEATING menu item is displayed.

Press the  LONGPRESS button for longer than 2 seconds.

Heater OFF.



After the HEATING OFF the Start display appears. If the vehicle lighting is OFF the display lighting goes out after 10 seconds.






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.

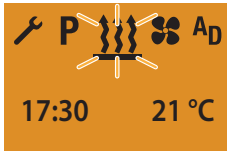
 SHORTPRESS button, the Start display appears, if the  SHORTPRESS button is pressed again, Display OFF.


 SHORTPRESS button, the HEATING submenu is displayed.

3 OPERATION AND SETTING/ADJUSTMENT

HEATING ON WITH SHORTPRESS AND WITH SETTINGS

Display ON, the Start display appears.




Press the  SHORTPRESS button for less than 2 seconds.

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

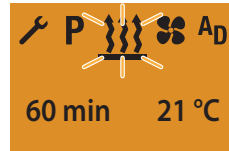
If necessary, use the  or  button to set the operating time.

Operating time setting range:

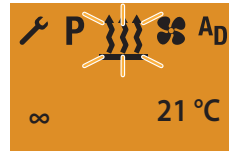
Min 10 – max 120 min in 1 min. increments, continuous heating mode is possible for air heaters.




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

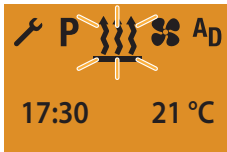
Display ON, the HEATING menu item is displayed.

Press the  SHORTPRESS button for less than 2 seconds.

Heater Off.



After the HEATING OFF the Start display appears. If the vehicle lighting is OFF the display lighting goes out after 10 seconds.





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,

if the  SHORTPRESS button is pressed again, Display OFF.

 SHORTPRESS button, the HEATING submenu is displayed.

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

Display ON, the HEATING / VENTILATION / ADD-ON UNIT HEATING or ADD-ON 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 (lower limit 10 min) 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


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

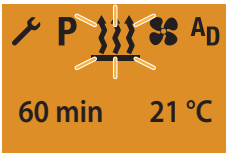
Use the ◀ or ▶ button to set the operating time.

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 AND IF APPLICABLE SET THE OPERATING TIME

Display ON, 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.

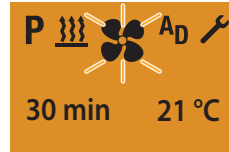
Operating time setting range:

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 activated or 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

Display ON, the VENTILATION menu item is displayed.

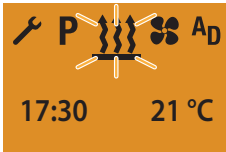
Press the  LONGPRESS button for longer than 2 seconds

Heater OFF.



After the VENTILATION OFF display the Start display appears.

If the vehicle lighting is OFF the display lighting goes out after 10 seconds.






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, if the  SHORTPRESS button is pressed again, Display OFF.

 SHORTPRESS button, the VENTILATION submenu is displayed.

VENTILATION OFF WITH SHORTPRESS

Display ON, the VENTILATION menu item is displayed.

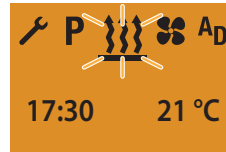
Press the  SHORTPRESS button for less than 2 seconds.

Heater OFF.



After the VENTILATION OFF display the Start display appears.

If the vehicle lighting is OFF the display lighting goes out after 10 seconds.






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, if the  SHORTPRESS button is pressed again, Display OFF.

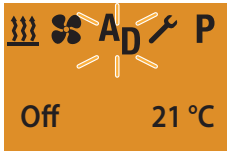
 SHORTPRESS button, the VENTILATION submenu is displayed.


3 OPERATION AND SETTING/ADJUSTMENT

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

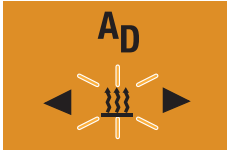
Display ON, the Start display appears.

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.

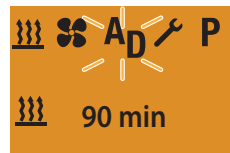
Operating time setting range:

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



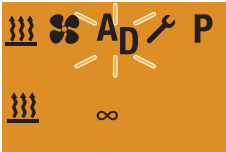
Press the  button to confirm the operating time. The operating time is changed permanently.

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 function is not activated or is not available for the heater.

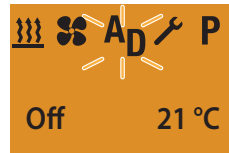
The add-on unit, e.g. a 2nd heater, can be operated simultaneously with the 1st heater yet with a different operating mode and with different values for the temperature setpoint and the operating time.

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

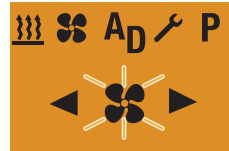
Display ON, the Start display appears.

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!

The following setting or confirmation is absolutely necessary.

3 OPERATION AND SETTING/ADJUSTMENT

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 VENTILATION mode possible for air heaters.



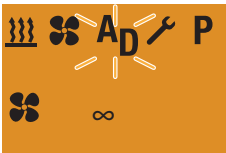
Press the ◻ button to confirm the operating time.

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 function is not activated or is not available for the heater.

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.

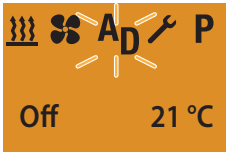
The changed operating time is offered again the next time the system is started.

3 OPERATION AND SETTING/ADJUSTMENT

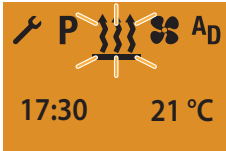
ADD-ON UNIT OFF WITH LONGPRESS

Press the  LONGPRESS button for longer than 2 seconds

Add-on unit OFF.



After the ADD-ON UNIT OFF display the Start display appears. If the vehicle lighting is OFF the display lighting goes out after 10 seconds.






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, if the  SHORTPRESS button is pressed again, Display OFF.

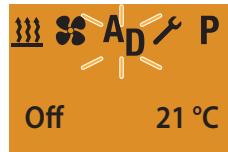
 SHORTPRESS button, the HEATING submenu is displayed.

ADD-ON UNIT OFF WITH SHORTPRESS

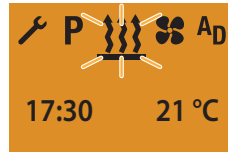
Display ON, the ADD-ON UNIT – HEATING menu item is displayed.

Press the  SHORTPRESS button for less than 2 seconds.

Add-on unit OFF.





After the ADD-ON UNIT OFF display the Start display appears. If the vehicle lighting is OFF the display lighting goes out after 10 seconds.




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, if the  SHORTPRESS button is pressed again, Display OFF.

 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 EasyStart Timer 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 EasyStart Timer 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 EasyStart Timer 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.

BITTE BEACHTEN!

If the **P** symbol is not displayed in the Menu bar, the heater is in ADR mode; preselected heating mode is not possible here.

When programming the EasyStart Timer, 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 and a temperature sensor connected to the EasyStart Timer 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.
 - The preset times are always departure times, even if the 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.
-

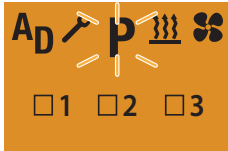
3 OPERATION AND SETTING/ADJUSTMENT

PROGRAM PRESET TIMES

Display ON, 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.

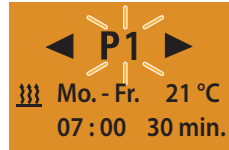
Activated program memories are marked in the display with a .

EASYSTART TIMER SETTINGS

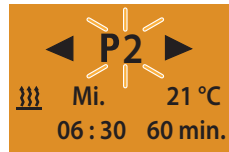
SELECTING THE PROGRAM MEMORY


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.





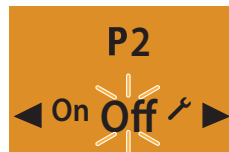
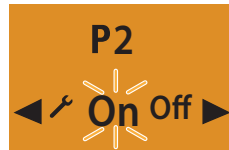
Program memory P2 display with programmed preselection.




Press the  button to confirm the selected program memory.

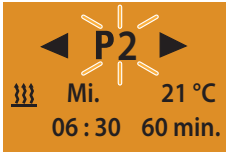
ACTIVATING / DEACTIVATING THE PROGRAM MEMORY

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

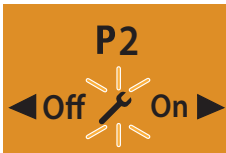
- if the vehicle lighting is ON the PROGRAM / PRESELECTION menu item is displayed,
- if the vehicle lighting is OFF the display lighting goes out.

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.

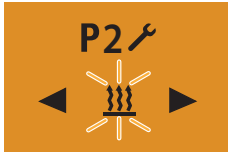



Press the  button to confirm the setting.

3 OPERATION AND SETTING/ADJUSTMENT


SELECTING THE OPERATING MODE

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



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. 20 °C.

HIGH heating level = convenient / comfortable heating, approx. 23 °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.

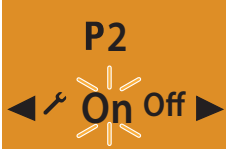
PLEASE NOTE!

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.

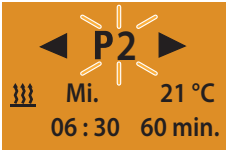
For air heaters and preset mode the operating time is limited to 120 min. Continuous heating mode is not possible.

3 OPERATION AND SETTING/ADJUSTMENT


ACTIVATING THE PROGRAM MEMORY




Press the  button to confirm the “On” setting.





PLEASE NOTE!

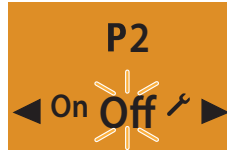
After editing the program, press the  button to return to the PROGRAM / PRESELECTION menu item or wait until

- if the vehicle lighting is ON the PROGRAM / PRESELECTION menu item is displayed,
- if the vehicle lighting is OFF 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!

The settings remain saved.

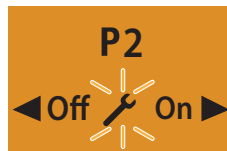
After editing the program, press the  button to return to the PROGRAM / PRESELECTION menu item or wait until

- if the vehicle lighting is ON the PROGRAM / PRESELECTION menu item is displayed,
- if the vehicle lighting is OFF 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 23, 24](#) and [25](#).

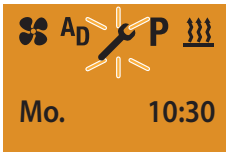
3 OPERATION AND SETTING/ADJUSTMENT


SETTINGS

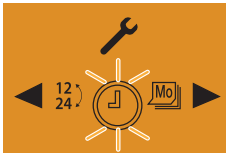
SETTING THE TIME


Display ON, 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 THE TIME 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

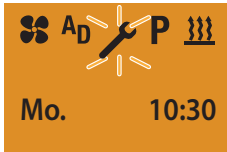
- if the vehicle lighting is ON the SETTINGS menu item is displayed,
- if the vehicle lighting is OFF the display lighting goes out.

3 OPERATION AND SETTING/ADJUSTMENT

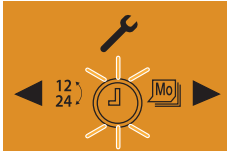
SETTING THE WEEKDAY

Display ON, 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 Mo Week-day 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

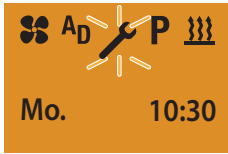
- if the vehicle lighting is ON the SETTINGS menu item is displayed,
- if the vehicle lighting is OFF the display lighting goes out.


3 OPERATION AND SETTING/ADJUSTMENT

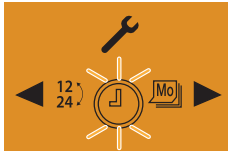
SETTING THE TIME FORMAT


Display ON, 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!






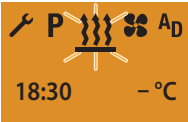
Do **not** press the  button, as otherwise SET THE TIME FORMAT appears in the display again.

After making the setting, press the  button to return to the SETTINGS menu item or wait until

- if the vehicle lighting is ON the SETTINGS menu item is displayed,
- if the vehicle lighting is OFF the display lighting goes out.

4 WHAT TO DO IF ...?

IN THE EVENT OF A FAULT THE FOLLOWING DISPLAYS ARE POSSIBLE:

DISPLAY	DESCRIPTION	REMEDY / CUSTOMER
 INIT	<ul style="list-style-type: none"> Automatic detection is active. The EasyStart Timer has been disconnected from the power supply and then reconnected. 	Wait until the automatic detection has finished, then set the time and weekday.
 NO SIGNAL	<ul style="list-style-type: none"> No communication. 	Check and if necessary renew the heater fuse. Visit your vehicle workshop.
 Error	<ul style="list-style-type: none"> 1st heater fault. 	Visit your vehicle workshop.
 Error	<ul style="list-style-type: none"> 2nd heater fault. 	Visit your vehicle workshop.
	<ul style="list-style-type: none"> Voltage too low. 	Charge battery, if necessary visit your vehicle workshop.
 18:30 - °C	<ul style="list-style-type: none"> Temperature sensor is defective 	Visit your vehicle workshop.

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.

5 SERVICE

HOTLINE

If you have any technical questions, a problem with the EasyStart Timer 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