

7-Tage-Vorwahluhr 7 days digital timer Montre de pré-sél. de 7 jours Timer digitale 7 giorni Reloj de preselecc. semanal 7-dagars-digitalur Betriebsanleitung
Operating Instructions
Instructions d'utilisation
Istruzioni d'impiego
Instrucciones de manejo
Bruksanvisning

# Description

The digital timer with pre-selection of days is used for switching on and off the heater. The timer shows the following functions:

- O Indication of time.
- O Indication of days.
- Pre-selection of 3 different periods; each period can be programmed with day and time in advance.
- Indication of temperature (if desired).

Display and button lights are integrated in the digital timer.

### **Technical Data**

Voltage range:

at 12 volts: 9...15 volts, at 24 volts: 19...30 volts.

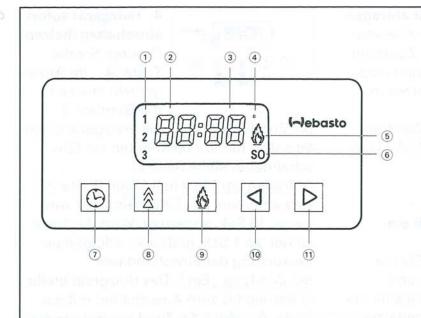
Operating temperature range:

- 40 °C . . . + 75 °C.

Current consumption, indicator light is switched off: less than 1.0 mA.

## Operation with pre-selection

Programming heater's starting time: The heater can be exactly programmed to come on at any time between



- 1) Symbols of pre-selection
- 2 Time / pre-selection
- 3 Indication of heating period
- Indication of temperature (if desired)
- ⑤ Operation indicator
- 6 Indication of day
- Setting / reading time; setting / reading days
- 8 Setting / reading pre-selection; setting / reading days
- (9) Instant heat (heater on/off)
- Time or pre-selection (backward); reading and shortening heating period
- Time or pre-selection (forwards);
   Setting day; reading temperature (if desired)

»1 minute« and »7 days« from the time of selection.

## **Heating period**

<u>Ignition "On"</u> – switching on with button »Instant heat«:

The heating period is unlimited. The heater works up to the switching off by hand.

<u>Ignition "On"</u> – switching on with »pre-selection«:

The heater runs 30 / 60 minutes if pre-selection is choosed.

If the ignition is switched off, the heater runs still 5 minutes and thereafter it is switched off.

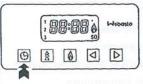
<u>Ignition "Off"</u> – the heater is 30 / 60 minutes in operation.

The heating period is dependent upon the used digital timer:

Heating period 30 minutes

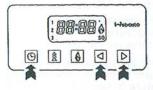
Heating period 60 minutes





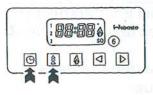
1. Reading the time If vehicle's ignition is switched on, the time is permanently indicated in the display ②.

If vehicle's ignition is switched off, the time is indicated for approx. 15 seconds after pressing the button [9].



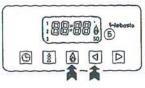
2. Setting the time
Press button (5)
and at the same
time press either
button (1) (backwards) or (5) (for-

wards). After approx. 2 seconds it is switched over to quick change. The last few minutes are set accurately by quick pushes.



3. Setting the days
Press button .
The display shows
the day of week 6.
Additionally press
the button for
setting the next

day. The last indicated day is programmed.



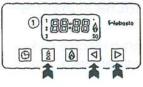
4. Instant heating (immediate switching on)

Press button . The display shows the symbol . (5).

Vehicle's ignition "Off": The heater is switched on immediately to 30 or 60 minutes (see page 4 for heating period). Reading the heating period: Press button . The heating time is indicated for approx. 15 seconds. If the button is pressed longer than 1 second, the heating period is shortened!

Vehicle's ignition "On": The heater works up to the switching off by button . If the ignition is switched off, the heater runs still 5 minutes and thereafter it is switched off.

Switching off the heater (before the heating period is finished): Press button again.



5. Switching on the heater with preselection program
Press button .
The display 1

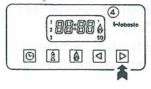
The display ① shows the numbers

1, 2 or 3, the symbols for a pre-selection program (1, 2, 3). Now you can choose between 3 different pre-selection periods for switching on the heater.

Pre-selection program 1: Press the button â. The symbol 1 is indicated.

- 1. Set the pre-selection time: Press one of the two buttons (backwards) or (forwards). After approx. 2 seconds it is switched over to quick change. The last few minutes are set accurately by quick pushes.
- 2. Set the pre-selection day: Choose the symbol 1 ① by button ② . After approx. 5 seconds the indication of week-day signals ⑥ . Press button ▷ for setting the desired day of the week. If within 6 seconds the timer is not more activated, the pre-selection time and day are programmed. Now the heater will be switched on automatically at the programmed time.

Pre-selection program 2 and 3: Make the same procedure such as "pre-selection program 1", but take the symbols 2 and 3.



6. Temperature indicator (if installed)
Press button ▷.
The temperature is indicated in the time

display 4. The indication remains not later than an other function is choosed.



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