

Telestart T100 HTM



D	Deutsch	1
GB	English	25
F	Français	49
I	Italiano	73
E	Español	97
NL	Nederlands	121
DK	Dansk	145

Operating and Servicing Manual for Telestart T100 HTM

General information

Dear Webasto customer!

We are delighted that you have selected this Webasto product.

We assume that the workshop / service partner that carried out the installation explained to you the operation and principle of functioning of your Telestart T100 HTM to your complete satisfaction.

With these operating instructions we would like to provide you with an overview of the use of the Telestart T100 HTM.

The Telestart T100 HTM heater control complies with the homologation approval in accordance with the directive 72/ 245/EEC (EMC).



The heater **must not** be operated:

GB



Danger of fire, explosion and suffocation

- In filling stations and tank farms.
- At locations at which highly flammable gases or dusts can form, and at locations at which highly flammable liquids or solid materials are stored (e.g. near fuel, coal and wood dust, grain warehouses, dry grass and leaves, cardboard, paper, etc.).
- In enclosed rooms (e.g. garages), not even via the timer or Telestart.

Care and handling

Note the following points to avoid damage to the Telestart T100 HTM:

- Do not expose to heat above 70 °C (e.g. direct sunlight).
- Operating temperature between 0 °C and +50 °C.
- Only store in a dry place where there is little dust.
- Only clean the display using a clean, dry cloth.

Use

With the Webasto Telearstart T100 HTM, the Webasto heaters of the Thermo Top series or the vehicle fan can be switched on and off wirelessly from a great distance.

For heaters which are connected to the Telearstart via a W bus and have an activated ventilation function, a mode change must be carried out on the transmitter to switch on the parking ventilation (ventilation of the vehicle interior) (see "Displaying and setting the mode").

For Telearstart receivers with an analogue connection to the heater, the parking ventilation function (ventilation of the vehicle interior) can only be ensured by also installing a summer/winter switch (option). A mode change on the transmitter is not required for this purpose, as the "parking heating" or "parking ventilation" function is determined by the switch position of the summer/winter switch.

After being switched on, the parking heater switches itself off automatically or is switched off by the automatic heating function once the selected operating time has expired.

Restrictions of the range of functions can occur when factory-installed heaters are retrofitted. Please have these explained by your installation partner.

The heating time management calculates the heating time and the switch-on point of the heater depending on the temperature inside the vehicle and the selected comfort level. It is only necessary to activate the automatic mode and enter the desired departure time in order to achieve this.



Optimum signal transmission is achieved out in the open or from a position higher than the vehicle. In this case, the parking heater can be operated at a distance of approx. 1000 m from the vehicle.

When operating the transmitter, please hold it vertically pointing upward and do not cover the upper side (see illustration). If you determine from the lack of feedback that the operating signal has not reached the vehicle, then you must change your position by a few metres. Reception quality is impaired accordingly in heavily built-up areas.





General operating notes



Information displays



The Telestart T100 HTM is designed so it is possible to switch between the information displays by pressing the   buttons.

The Telestart T100 HTM returns to its initial status if you do not press a button for 30 seconds.

Setting mode

Pressing the   buttons at the same time changes from the information display to the corresponding setting mode. The appropriate symbol flashes.

Settings can be changed by pressing the   buttons.

Pressing the   buttons at the same time terminates setting mode and accepts the set values.

Setting mode is terminated automatically if you do not press any button for 30 seconds. Changed adjustment values are applied.

Radio transmission display

When radio transmission is taking place between the Telestart T100 HTM and the heater, this is indicated by the (📶) symbol in the top left corner of the display.

GB

Opening the battery compartment cover

1. Bend the two lugs outwards
2. Pull the cover off downwards

Battery level display

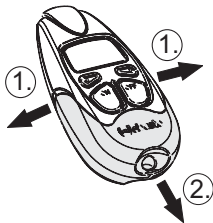
Battery full

No battery symbol

Battery half capacity



Battery flat



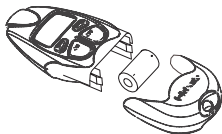
Replacing battery

Note

Batteries from our products should be returned to the place of purchase or its immediate vicinity following use. Return is free of charge. As an end user you are legally obligated to return used batteries.

Caution!

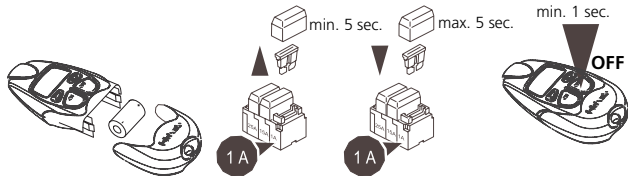
Danger of explosion if the battery is replaced improperly! Dispose of used batteries as described in the instructions! This product is subject to the European Directives 2002/96 EC and EN 50419. Disposal instructions are included with the sample or the operating instructions.



Teaching in Telestart transmitter for Thermo Top E/C/P/V

1. Insert the battery in the battery compartment of the transmitter.
2. Remove the 1 A fuse (black) from the heater's fuse holder (voltage interruption).
3. Wait at least 5 seconds.
4. Replace fuse in heater's fuse holder and press the OFF-button on the transmitter for at least 1 second within 5 seconds.
5. Teaching is completed.

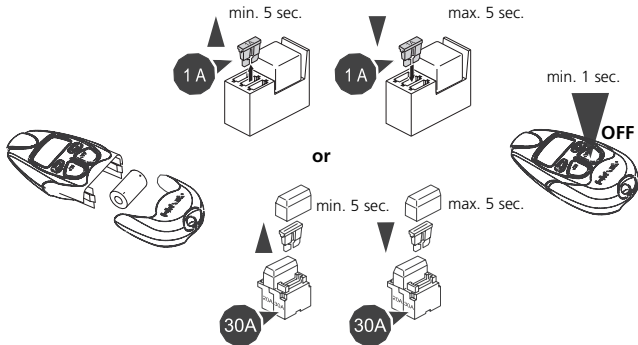
A second, third or fourth hand-held transmitter can be programmed in the same manner.



Teaching in Telestart transmitter Thermo Top with W-Bus Control

As described above for the Thermo Top E/C/PV, however remove either 1 A fuse (black, vehicle interior) or 30 A fuse (engine compartment) (voltage interruption).

GB



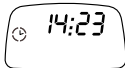
Displaying and setting the time

Displaying

GB



Press 1x



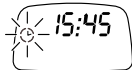
Setting



Press at same time

Symbol  flashes

Setting the time



Press at same time

Time set

Displaying and setting the mode

The mode is displayed by the following symbols:



Heating



Ventilation (*please observe the information under "Use"*)

Displaying



Press 3x



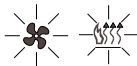
Setting



Press at same time



Setting mode



Mode set



Press at same time

Switching on the heater or ventilation*

Hold the Telestart vertical and pointing upwards.

GB



press (approx. 1 second) until the following symbol appears:



The signal has been received and passed on to the heater. So you can check the switch-on, the display shows the symbol for the mode and the remaining operating time.

FAIL

Error during signal transmission.
Move to a different location and retransmit.

The switch-on indicator goes out:

- After the operating time has elapsed
- When switched off with Telestart

* Please observe the information under "Use".

NOTE:

If no special instructions on adjusting the vehicle heater during parking heating operation are available, then the vehicle heater must be set to "warm" before switching on the heater.

In the heating and ventilation modes, the vehicle fan switch is to be turned to position 1 in the case of 3-speed blower fans, and to position 2 in the case of 4-speed blowers.

In the case of infinitely variable fans adjust to at least 1/3 of the fan's capacity.



Switching off the heater

Hold the Telestart vertical and pointing upwards



Press (approx. 1 second) until the following symbol appears:

OK

The signal has been received and passed on to the heater.
The symbol  or  goes out.

FAIL

Error during signal transmission.
Move to a different location and retransmit.

Switching off with pushbutton (fitted in the vehicle as an option)

If the heater was activated by means of Telestart, the pushbutton installed in the vehicle must be pressed once for deactivation.

GB

Switching on and off with pushbutton (fitted in the vehicle as an option)

The parking heating or parking ventilation mode is indicated by a light in the pushbutton.

NOTE:

When the pushbutton switch is used for activating the heater, the operating mode (parking heating or parking ventilation) and operating duration most recently used with the Telestart will be selected.

Switching on using a digital timer (Immediate Heat Button)

Operation is indicated on the digital timer. The display lighting lights up.

NOTE:

When switching on with the digital timer (immediate heat button), the parking heating mode is always selected. The switch-on duration is specified by the digital timer.

Switching on with Telearstart T100 HTM with digital timer installed

Operation is indicated on the digital timer. The display lighting lights up.

NOTE:

This display is only available when the Telearstart receiver is connected to the heater via the W bus.

Switching off using a digital timer

If the heater was activated using Telearstart, the instant heat button must be pressed **twice** to deactivate the heater.

If the Telearstart receiver and the digital timer are connected to the heater via the W bus, a **single** press of the button is required.

Switching on with Telearstart T100 HTM with summer/winter switch installed (option)

The "parking ventilation" or "parking heating" function is determined by the switch position of the summer/winter switch. Please also observe the point "Use" for this purpose.

Checking and setting operating time

The operating time of the heater or the vehicle's fan can be preset on the transmitter in increments of 10 minutes. The operating time is factory-set at 30 minutes.

GB

NOTE:

Make sure that the car battery is recharged sufficiently if you use the system frequently and for long periods.

We recommend setting the heating time according to the drive time.

Example: The vehicle is used for travelling to work and back.

With a driving time of approx. 30 minutes (one way), we recommend setting an operating time of 30 minutes.

Displaying and setting the operating time

Displaying



Press 4x



Setting



Press at same time

Symbol  flashes



Set the operating time



Press at same time

Operating time set



Displaying the temperature (information from receiver)

GB



Press 2x



The  or  symbol only appears when the heater / vehicle fan is operating. Please note that the indicated temperature is equal to the passenger compartment temperature of the vehicle near the installation location of the temperature sensor. In addition, major temperature fluctuations may result in the actual temperature at the temperature sensor only being displayed after a delay.

HTM Heating Time Management

Heating time management enables automatic preheating (not ventilation) of the vehicle for a selected departure time.

The system calculates the preheating time of the parking heater depending on the temperature inside of the vehicle.

The interior temperature achieved at the departure time can be influenced using comfort levels (C1 – C5).

C1 Lower comfort temperature (short operating time)

C5 Higher comfort temperature (long operating time) You can activate the departure time up to 24 hours in advance.

NOTE:

Make sure that the car battery is recharged sufficiently if you use the system frequently and for long periods.

This is not always the case if you only drive short distances.

Displaying, setting and activating the departure time

Displaying



Press 2x



Setting



Press at same time

Symbol  flashes



Setting the departure time



Press at same time

Departure time set

Important: The departure time can only be activated in the departure time menu. The heater is switched on directly if you exit the menu.

See the next page for a description of **activation**.



Activation

Hold the Teletext vertical and pointing upwards

GB



Press (approx. 1 second) until the following symbol appears:



The signal has been received and the departure time has been activated.

FAIL

Error during signal transmission.
Move to a different location and retransmit.

Deactivating the departure time

GB



Press 2x



Hold the Telestart vertical and pointing upwards



Press (approx. 1 second) until the following symbol appears:

The signal has been received and the departure time has been deactivated. The symbol **HTM** goes out.Error during signal transmission.
Move to a different location and retransmit.

Modifying the activated departure time

To change an activated departure time, it must first be deactivated (see Deactivating the departure time).

Following this, it is possible to set the new departure time (see Displaying, setting and activating the departure time).

Displaying and changing the comfort level

Displaying

GB



Press 3x



Changing

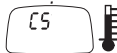


Press at same time

Display flashes



Selecting the comfort level



Press at same time

Comfort level set

Note: The comfort level cannot be changed if a departure time **HTM** is activated. The departure time must be deactivated first.

Bei mehrsprachiger Ausführung ist Deutsch verbindlich.
In multilingual versions the German language is binding.
Dans le cas d'une version rédigée en plusieurs langues,
l'allemand est alors la langue qui fait foi.
Nel caso di una versione plurilingue il tedesco è vincolante.
Este manual esta traducido en varios idiomas,
le informamos que sólo la versión en alemán será vinculante.
Bij een meertalige versie is de Duitse versie bindend.
I tilfælde af en flersproget udgave er den tyske version
gældende.
Om det förekommer en flerspråkig version är den
tyska bindande.
Hvis det finnes en flerspråklig versjon, er det den tyske
som har forrang.
Useampikielisten versioiden yhteydessä saksankielinen
on sitova.
W przypadku wersji kilkujęzycznej wiążący jest tekst w
języku niemieckim.
V případě vícejazyčné verze je závazná němčina.
Többnyelvű változat esetén a német nyelvűt is kötelezően
tartalmaznia kell.
Для изданий на нескольких языках обязательным
является немецкий вариант.

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