

Telestart T100 HTM



Operating Instructions for Telestart T100 HTM

General Information

Dear Webasto customer!

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We are delighted that you have selected this Webasto product.

We presume that the principle and mode of operation of this product has been explained to your complete satisfaction by the workshop/service centre which installed it. In these operating instructions we would like to once again provide you with an overview of the safe use of this product.

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

Note: The battery used is fully operational, however is subject to function-dependent discharging when installed. Therefore, we expressly recommend observing the information on Page 35 when the Telestart is not used for longer periods.





Danger of fire, explosion
and suffocation

The heater **must not be operated**:

- 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.

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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 Telestart 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.

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With the Thermo Top Evo heater which is connected to the Telestart T100 HTM via W bus communication, a change in the mode must be carried out on the transmitter to switch on the parking ventilation (ventilate the vehicle interior) (see the point "Displaying and setting the mode").

For Thermo Top E and C heaters with an analogue connection to the Telestart T100 HTM, 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.

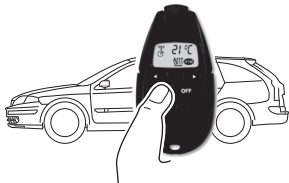
After the automatic heating (HTM function) or the selected switch-on duration expires, the transmission of the switch-on signal to the heater is interrupted and the function currently running (parking heating or parking ventilation) is ended automatically.

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.



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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 transmitter and the receiver, this is indicated by the  symbol in the top left corner of the display.

Opening the battery compartment cover

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

Battery level display

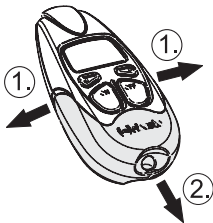
Battery full

No battery symbol

Battery half capacity



Battery flat



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Battery Change/Disposal Information

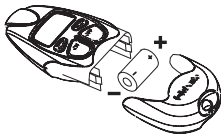
NOTE:

Batteries and electronic devices are the object of the European Directive 2006/66/EC or 2002/96/EC in the current versions and must not be disposed of as household waste.

Every consumer is therefore legally obligated to dispose of batteries and used/scrap electronic devices in the marked recycling containers at a waste collection point or in the retail trade. Return is free of charge.

CAUTION:

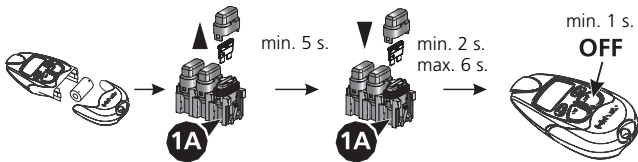
There is a danger of explosion in case of improper battery replacement! Ensure proper polarity when inserting the battery.



Teaching in Telestart Transmitter for Thermo Top E and C

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 of receiver).
3. Wait at least 5 seconds and refit the fuse.
4. After approximately 2 seconds, however within 6 seconds, press the **OFF** button on the transmitter for at least 1 second.
5. Teaching is completed.

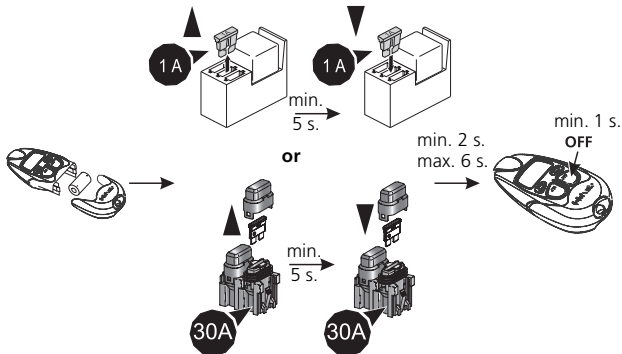
A maximum of 4 hand-held transmitters can be taught in this way. During additional teaching processes, the "oldest" transmitter will be deleted each time.



Teaching in Telestart Transmitter for Thermo Top Evo

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

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Procedure after not using for longer time

When the hand-held transmitter is not used for longer periods, we recommend removing the battery from the hand-held transmitter to increase battery life.

Caution:

Do not store in the vehicle, but instead in a dry place at room temperature.

Returning to use:

1. Insert the battery in the battery compartment of the transmitter.
2. Press the OFF button six times at intervals of approx. 2 seconds, then press and hold for another two seconds.
3. Observe a waiting time of approx. two minutes.

If the hand-held transmitter does not function after returning it to use, then an operating test of the battery (see point "Radio transmission display" and "Battery level display") must be carried out.

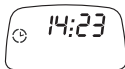
Displaying and setting the time

Displaying

GB



Press 1x



Setting



Press simultaneously



Symbol flashes



Setting the time



Press simultaneously

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

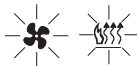


Press simultaneously

Symbol  /  flashes



Setting mode



Mode set



Press simultaneously

Switching on the heater or ventilation*

Hold the Telestart vertical and pointing upwards.

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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 blower fans.

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



Switching Off Heater or Ventilation

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.

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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 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 Telestart T100 HTM with Digital Timer Installed

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

NOTE:

This display is only possible with the Thermo Top Evo heater, as it is connected to the Telestart via W bus communication.

Switching Off Using a Digital Timer

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

When connecting the Telestart and the digital timer to a Thermo Top Evo, only a **single** press of the button is required due to the connection via W bus communication.

Switching On with Telestart 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.

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NOTE:

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

We recommend that you set the heating time in accordance with the driving time. e.g. The vehicle is used for driving 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



GB

Setting



Press simultaneously



symbol flashes



Set the operating time



Press simultaneously

Operating time set



Displaying the temperature (information from receiver)



Press 2x



GB

The  or  symbol only appears when the heater / vehicle fan is operating. Please note: 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 simultaneously



symbol flashes



Setting the departure time

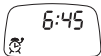


Press simultaneously

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.



Activation

Hold the Telestart vertical and pointing upwards



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

GB

OK →



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



Press 2x



GB

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



Press 3x



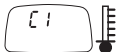
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Changing

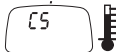


Press simultaneously

Display flashes



Selecting the comfort level



Press simultaneously

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.

Die Telefonnummer des jeweiligen Landes entnehmen Sie bitte dem Webasto Servicestellenfaltblatt oder der Webseite Ihrer jeweiligen Webasto-Landesvertretung.

In multilingual versions the German language is binding.

The telephone number of each country can be found in the Webasto service center leaflet or the website of the respective Webasto representative of your country.

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Pour trouver le numéro de téléphone du pays concerné, veuillez consulter le dépliant des points-service Webasto ou la page web de la représentation Webasto de votre pays.

Nel caso di una versione plurilingue il tedesco è vincolante.

I numeri di telefono dei diversi Paesi sono riportati sul pieghevole relativo ai centri di assistenza Webasto oppure sul sito Internet del proprio rappresentante di riferimento Webasto.

Este manual esta traducido en varios idiomas, le informamos que sólo la versión en alemán será vinculante.

Consulte el número de teléfono del país correspondiente en el folleto de los servicios autorizados Webasto, o en la página web de su representante Webasto.

Bij een meertalige versie is de Duitse versie bindend.

Het telefoonnummer van het betreffende land kunt u vinden op het Webasto Servicepuntenoverzicht of de website van de Webastovestiging in uw land.

I tilfælde af en flersproget udgave er den tyske version gældende. Du kan finde telefonnummeret på Webasto Danmark i Webastos kontaktoversigt eller på Webastos danske hjemmeside.

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