HTS System AG

User Manual TT-IR

EN: INFRARED PROGRAMMABLE THERMOSTAT

EN

Contents

Description

Battery level indicator

Time

Temperature (set or measured)

Adjustment buttons

Automatic mode

Economy

Frost Protection

Shutdown

Current mode (e.g. comfort)

Current day

Heating demand mode

Program profile

Comfort

Time setting

Programming

Cover opening marks

20:32

19.8 °C

AUTO

PROG

Location

To control the heating, the thermostat must measure the most repre-
sentative room temperature in your home. As the temperature measure-
ment probe is in the transmitter unit, you must place the unit:
– wall-mounted or placed on a shelf or accessible furniture at a height of
   1.50 m,
– away from heat sources (fireplaces, sunlight) and draughts (windows,
   doors),
Before mounting in the final position, ensure no object can block the
transmission between the transmitter and the radiator's receiver.
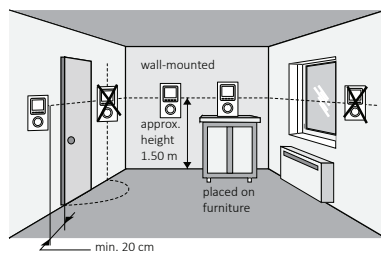
IMPORTANT:
Do not install the
thermostat on
a wall in contact with
the outside or in an
unheated room
(e.g. garage, etc.).

Mountings

- Lift off the cover by using a screwdriver. Use the screwdriver to remove the batteries supplied from the unit.

- Wall mounting Secure the thermostat using the screws and pegs or fit onto a flush-mounted box (❶, distance between centres 60 mm).

- Fit the batteries back, ensuring that they are correctly fitted.
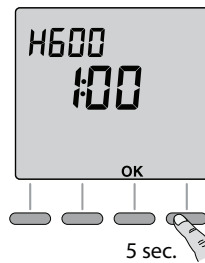- Place the cover back on the thermostat.

Starting up

Turn the knob to **Shutdown** and press the right-hand button for 5 seconds until H601 (maintenance menu reserved for the installer).

Press **OK**.

The screen displays **CF01**.

H600
1:00

OK

5 sec.

CF01 – Correction of room temperature measurement.
If there is a difference between the temperature noted (thermometer) and the temperature measured and displayed by the unit, the menu acts on the measurement of the probe so as to compensate for this difference (from -4°C to +4°C in steps of 0.1°C).

Press **+** or **–** to make your choice, **OK** to confirm it and go to the next menu.

CF01
0,0°C

– + OK

CF02 – AUTO mode temperature display option

```
CF02
   0
 −   +   OK
```

CF02 Temperature displayed	−0	Continuous room temperature display
	−1	Continuous display of the set-point

Press + or − to make your choice, OK to confirm it and go to the next menu.

CF03 – Infrared test (not applied in some receivers)

```
CF03
tESt
   OK
```

The transmitter sends a frame to the receiver every 3 seconds. Check that the receiver LED flashes each time it receives the frames.

Turn the knob to exit the configuration mode.

Return to the initial settings

You can carry out a general reset to return to the factory settings:
– the installer settings (grayed out on the start up menus),
– the time and day,
– set-point temperatures,
– default program.

Turn the knob to **Shutdown** then press the left-hand button for 10 seconds until **init** is displayed.

Press **OK** to confirm or **C** to cancel.
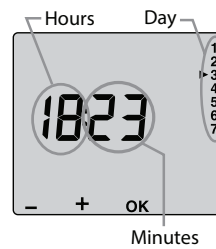
Return to the shutdown mode display.
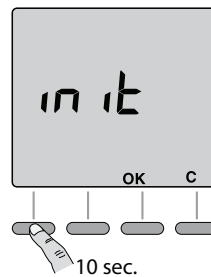
Time Setting

Turn the knob to ⊙.
The days flash. Press **+** or **–** to make your choice, OK to confirm it and go to the next setting. Repeat the operations to set the hours and minutes.
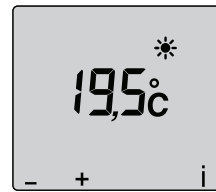
Turn the knob to exit the setting mode.

Setting the temperatures (set-points)

Turn the knob to:
❄ – to set the frost protection temperature (5°C to 15°C, 7°C by default),
☽ – to set the economy temperature (10°C to 30°C, 15°C by default),
☀ – to set the comfort temperature (10°C to 30°C, 66.20° F by default), Press **+** or **–** to make your choice.
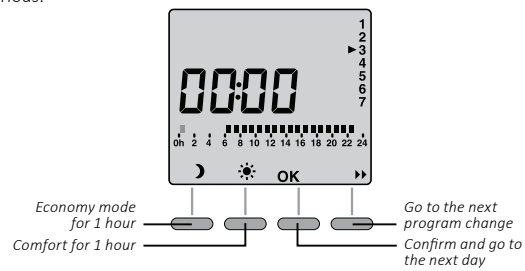
Turn the knob to exit the setting mode.

Programming

When starting up, the "Comfort mode from 6 a.m. to 11 p.m." program is applied to all the days of the week. To change the programming, turn the knob to PROG. The 1st time slot flashes on and off.

1. Create your program

Programming starts on day 1 at midnight.

Press the ☽ or ☀ buttons to create different Economy or Comfort periods.

Economy mode for 1 hour

Comfort for 1 hour

Go to the next program change

Confirm and go to the next day

2. Confirm and copy the program

Press and hold the **OK** button for 3 seconds to confirm the program you created and copy it to the next day.

3. Confirm the program

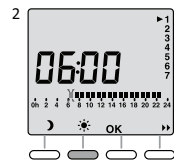Press the **OK** button to confirm and continue on to the next day to program it separately.

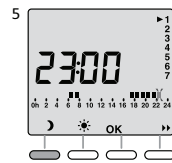Example: Comfort from 6:00 to 8:00 and from 17:00 to 23:00
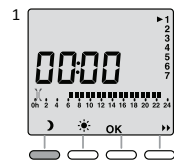
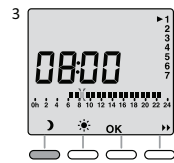*Press and hold ☽ until you reach 6:00*
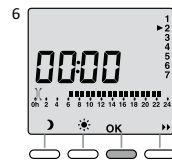

Press and hold ☀ until you reach 8:00

Press and hold ☽ until you reach 17:00

Press and hold ☀ until you reach 23:00
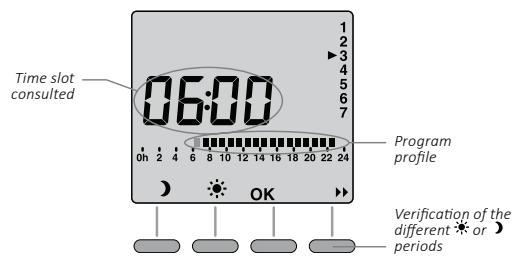

Press and hold ☽ until you reach 00:00

Copy and confirm or simply confirm

4. Check your program

Press the ▶▶ button repeatedly to check the accuracy of the Comfort and Economy periods you created.
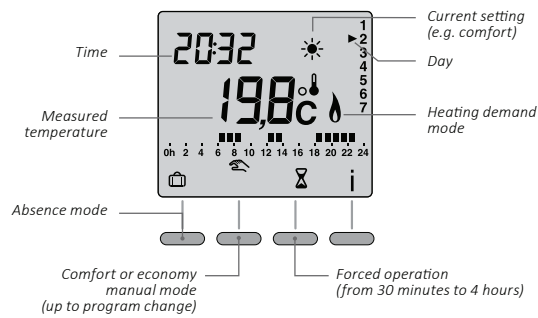

Press **OK** to check the next day.

To exit the mode, turn the knob to another mode.

Automatic mode

Turn the knob to AUTO.

When starting up, the temperature measured by the thermostat is
displayed (the ⦙ symbol appears above the °C).
Press the button **i** to display the set-point temperature.

- The temperature display can be reversed (CF02 start up menu):
  – automatic mode: set-point temperature,
  – press **i**: measured temperature.
- If you do not want to use a program, you can go to continuous Economy
  mode (knob turned to ☽), continuous Comfort mode (☀) or continuous
  Frost Protection mode (❄).

Absence mode

This mode is used to set a temperature (5 to 15°C) for a period that can be set from 1 to 365 days.

From the automatic mode (**AUTO**), press the button. The number of days flash on and off.
Press **+** or **–** to set the number of days.
Example: leaving on 10 January, returning on 19 January, indicate 9 days. Automatic operation will restart on 19 January at 00.00 h.

Press **OK** to confirm. The temperature flashes on and off. Press **+** or **–** to set the temperature. Press OK to confirm.

To cancel the absence mode (e.g. when returning early), press the **C** button or turn the knob.

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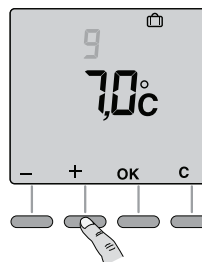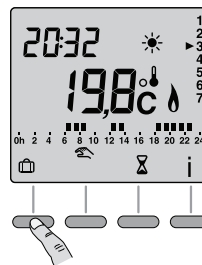
Manual mode

(✆) Up to the next program change

This mode is used to go from comfort to economy mode (or conversely) until the next program change.

Example: when in economy mode, pressing the ✆ button allows you to go to comfort mode. To cancel the manual mode, press the ✆ button again or turn the knob.

Manual mode is the current mode
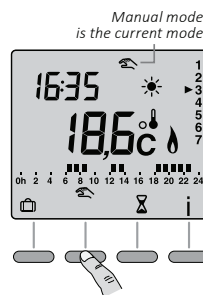
(⧗) Forced operation can be set from 30 minutes to 4 hours

This mode makes it possible to program a forced operation for the heating from 30 minutes to 4 hours.

From the automatic mode (AUTO), press the ⧗ button.
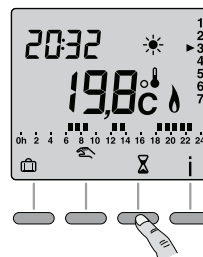
The manual mode period flashes on and off.
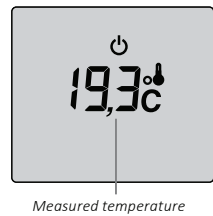Press **+** or **–** to set the period required (e.g. 1.5 hours).

Press **OK** to confirm. To cancel the manual mode, press the **C** button or turn the knob.
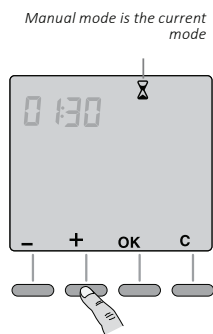
Shutdown mode

To shut down the heating (in summer, for example).
Turn the knob to ⏻. The thermostat displays the room temperature measured.


Measured temperature

Changing the batteries

From the moment the battery level symbol appears, you have around 3 months to change them (2 LR03 or AAA-type 1.5 V alkaline batteries).

Battery level symbol

The following precautions must be respected:

– ensure that the **+/–** polarities are correct when the batteries are fitted into the unit,
– do not dispose of used batteries in unauthorized places (you should respect the environment by taking the batteries to a suitable collection site),
– do not recharge them,
– you have approximately 45 seconds to change the batteries before the time setting is reset to zero (in this case, reset the time and date).
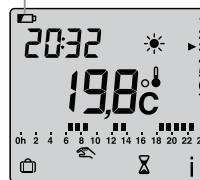
Characteristics

- Power supplied by two LR03 or AAA-type 1.5 V alkaline batteries (supplied), autonomy greater than 2 years for normal use
- Class III insulation
- Built-in proportional control, time basis 10 min.
- Dimensions: 135 x 81 x 0.87 in
- Protection index: IP 30
- Range (outside): 10 m
- Transmission angle: 50°
- Wall mounting or on flush-mounted box
- Installation in an environment with normal pollution levels
- Storage temperature: -10°C to +70°C
- Operating temperature: 0°C to +40°C

DE:
Dieses Gerät erfüllt die Anforderungen der Richtlinien: 89/336/EEC (EMC) und
73/23/EEC (modifiziert 93/68EEC) (LVD)

EN:
Device complying with the requirements of directives 89/336/EEC (ElectroMagne-
tic Compatibility) and 73/23/EEC modified 93/68/EEC (low voltage safety)

FR:
Appareil conforme aux exigences des directives CEE 89/336 (Compatibilité Electro-
Magnétique) et CEE 73/23 modifiée CEE 93/68 (Sécurité basse tension)

HTS System AG