

Thermoflash Digi 2 has been designed to offer you comfort and energy savings. It allows you to programme and adjust your heating or air conditioning according to 3 temperature levels:

- "Comfort" temperature : this is the temperature for your hours of presence.
- "Reduced" temperature : this is the temperature for your brief absences or during the night.
- "Frost-protection" temperature : this is the minimum temperature for long absences. It protects your dwelling from the risk of frost.

These 3 pre-recorded programs and a blank programme will allow you to adapt your heating each day to your life style.

This instruction leaflet introduces you to the different functions of Thermoflash Digi 2.

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- 1 Inserting or re-inserting the batteries
- 2 Setting to current time and day
- 3 Temperature setting
- 4 Programming
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- 7 "Manu" manual mode
- 8 Temporary temperature modification
- 9 Prolonged absence mode (holidays)
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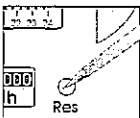
1 INSTALLING THE BATTERIES

Thermoflash Digi 2 is equipped with a warning light to indicate when the batteries need replacing. As soon as this indicator lights up at the bottom right-hand side of the display panel, replace the batteries (use two 1.5V UR6 alkaline batteries - life is approximately 18 months). Thermoflash Digi 2 remains programmed for 60 seconds while batteries are being replaced.

Remarks

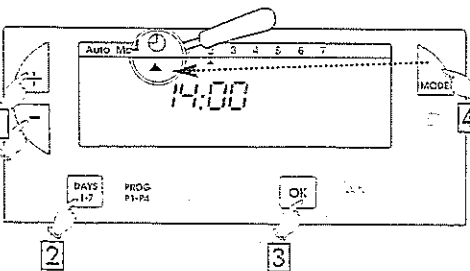
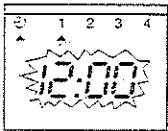
We can offer you a bonus option under reference 56320 which guarantees autonomy for twelve years (consult your installer):

- Before beginning the programming of the device, please slide cover down and press RESET with the tip of a pen.

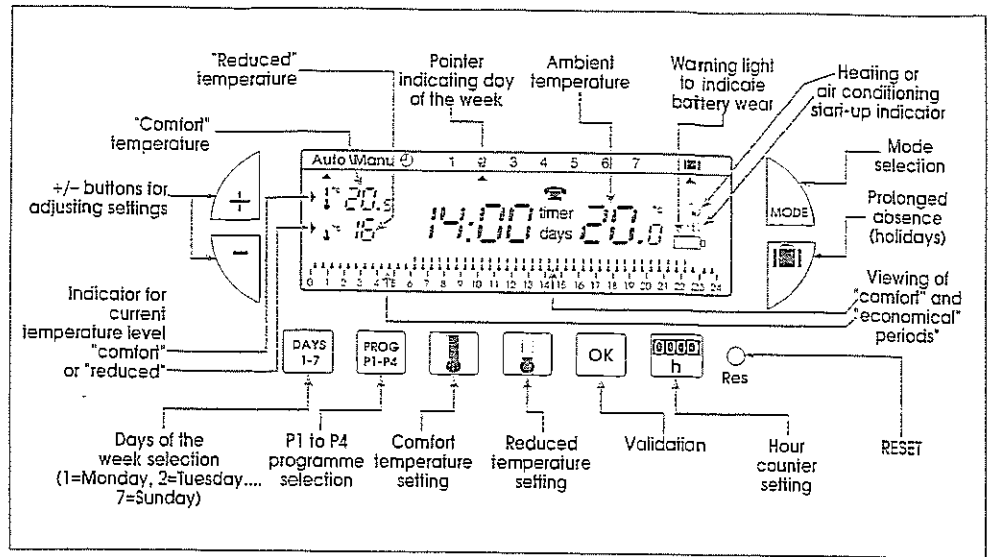


2 SETTING THE CURRENT TIME AND DAY

- You are putting the device into operation for the first time.
- You have just pressed the RESET button (see above).
- "12:00" appears and the pointer \blacktriangle flashes under day 1.

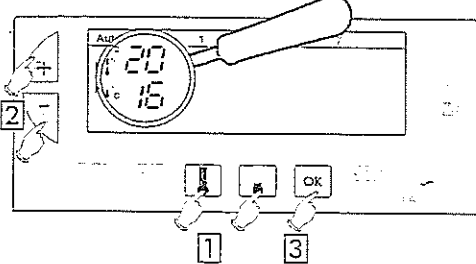


- 1 Set the time using the +/- buttons (the numbers run off more quickly when the button is pressed continuously).
- 2 Set the current day by pressing several times on the 1-7 button. A pointer appears under the corresponding day (1=Monday, 2=Tuesday, 3=Wednesday, etc.)
- 3 Validate with the OK button
- 4 If you wish to change the time or the day, press the MODE button until the pointer appears under the clock sign and continue as above for points 1, 2 and 3.



3 TEMPERATURE SETTING

Comfort and reduced temperatures are pre-set: Comfort = 20°C Reduced = 16°C.



Modification of comfort temperature

- 1 Press the comfort button
- 2 Modify the temperature with the +/- buttons
- 3 Validate with OK

Modification of reduced temperature

- 1 Press the reduced button
- 2 Modify the temperature with the +/- buttons
- 3 Validate with OK

4 PROGRAMMING

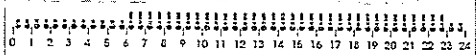
You can programme your week according to 4 programme settings:

P1, P2, P3 are pre-recorded and cannot be modified.

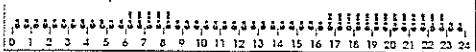
P4 is blank and allows you to create a personalized programme varying according to the day of the week.

P1 = Comfort temperature from 6 a.m. till 11 p.m.
Reduced temperature from 11 p.m. till 6 a.m.

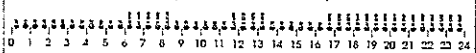
The standard allocation of P1 is to 7 days of the week. If this corresponds to your life style, stay in automatic mode. Otherwise, continue.



P2 = Comfort temperature from 6 a.m. till 8.30 a.m. and from 4.30 p.m. till 11 p.m.
Reduced temperature from 8.30 a.m. till 4.30 p.m. and from 11 p.m. till 6 a.m.



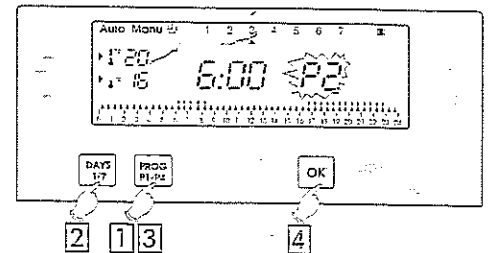
P3 = Comfort temperature from 6 a.m. till 8.30 a.m., from 11.30 a.m. till 1.30 p.m. and from 4.30 p.m. till 11 p.m.
Reduced temperature from 8.30 a.m. till 11.30 a.m., from 1.30 p.m. till 4.30 p.m. and from 11 p.m. till 6 a.m.



P4 = Blank programme allowing you to create 3 comfort temperature periods and 3 reduced periods for each day of the week.

Selection of an existing P1, P2 or P3 programme for a day of the week (in programming mode all modifications are automatically validated).

Example - P2 for Wednesday



- 1 Press the PROG P1-4 button to go into programming mode. The N° of the programme assigned to the day flashes on the right-hand side of the display panel.

- 2 Press the DAYS 1-7 button until the pointer \blacktriangle appears under the day you wish to programme (Wednesday in our example).

- 3 Press the PROG P1-P4 button until the P2 programme number flashes in the right side of the screen.

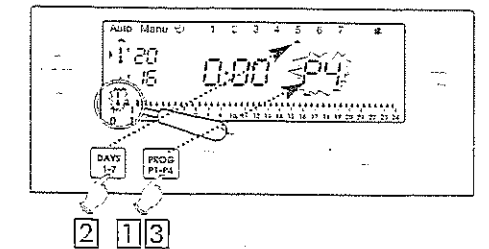
- 4 Press the OK button to validate. The following day is automatically proposed.

Creating a P4 programme

A 24-hour profile composed of 48 thermometers at the bottom of the display panel allows your programme composition to be easily viewed.

- A half-empty thermometer corresponds to 30 minutes at reduced temperature.
- A full thermometer corresponds to 30 minutes at comfort temperature.

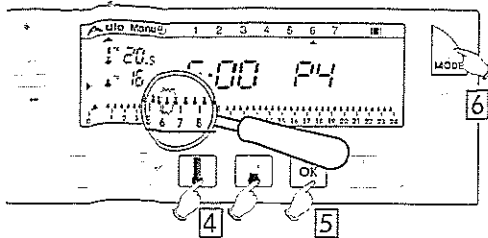
Example - programming 3 temperature periods for Friday: 6 a.m. till 8 a.m., noon till 2 p.m. and 6 p.m. till 10 p.m.



- 1 From the "Auto" mode press the PROG P1-P4 button

- 2 Press the DAYS 1-7 button until a pointer appears under the day you wish to programme (Friday in our example).

- 3 Press the PROG P1-P4 button until the P4 programme number flashes in the right side of the screen. Your display panel indicates time as 00:00 and the first thermometer flashes on the 24-hour profile.



4 Press the **1** button several times to obtain 6:00. The time display advances by 30 minutes for each short press. Continuous pressing accelerates the time run-off.

Press the **1** button several times to obtain 8:00.

Press the **1** button several times to obtain 12:00.

Press the **1** button several times to obtain 14:00.

Press the **1** button several times to obtain 18:00.

Press the **1** button several times to obtain 22:00.

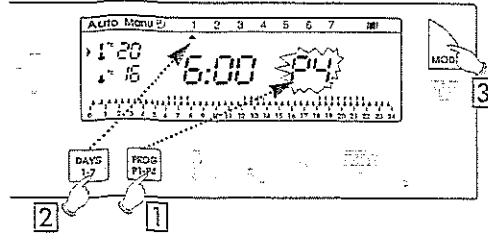
V.B. if you make a mistake (e.g. 11:30 instead of 12:00) use the **+** and **-** buttons to advance or return and correct with the **1** and **1** thermometer buttons.

5 Press the "OK" button. The following day automatically appears.

6 Press MODE to return to automatic mode.

5 PROGRAMMING

You can check your programming.



1 From "Auto" mode press the "PROG P1-P4" button.

2 With the "DAYS 1-7" button select the day from 1 to 7 and check your programming on the 24-hour profile at the bottom of the display panel (see example above).

3 Press "MODE" to return to automatic mode.

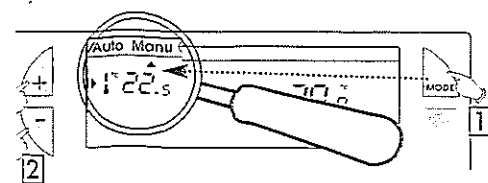
6 AUTO AUTOMATIC MODE

You pass into automatic mode by pressing the "MODE" button until the pointer **▲** appears under "Auto".

In automatic mode Thermoflash Digi 2 adapts to your life style by running the programs you have selected.

7 MENU MANUAL MODE

Manual mode transforms your device into a simple thermostat. It allows you to maintain a constant temperature in your dwelling (set to a temperature of between 5°C and 30°C).



1 Press the "MODE" button to position the pointer **▲** under "Manu".

2 Press **+** or **-** to adjust to the desired temperature (for instance 22.5°C). To quit the "Manu" mode, press "MODE" and re-position the pointer **▲** under "Auto".

8 TEMPORARY TEMPERATURE MODIFICATION

In automatic mode this very useful function allows you to modify ambient temperature temporarily.

To increase the temperature, press the **+** button (several times, if necessary).

To decrease the temperature press the **-** button (several times, if necessary).

The current temperature level indicator (comfort or reduced) will begin flashing.

This modification ends with the next change in programmed temperature.

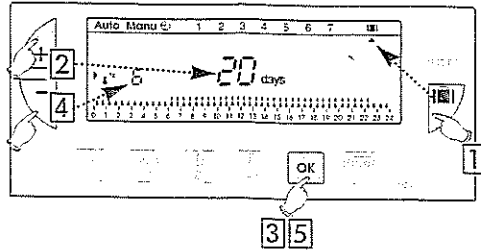
To return to the initial programme press "Mode" and re-position the pointer **▲** under "Auto".

The current temperature level indicator (comfort or reduced) will stop flashing when the temporary modification comes to an end.

9 PROLONGED ABSENCE MODE (HOLIDAYS)

This mode protects your dwelling from freezing by maintaining a minimum adjustable temperature in your dwelling during your absences (from 1 to 99 days).

You can programme the length of your absence so that the temperature rises for your return.



1 Press the case button **1**.

2 Set the length of your absence in days (from 1 to 99 days) with the **+** and **-** buttons. The current day counts as one.

3 Validate with the "OK" button.

4 Set the desired temperature level during your absence with the **+** and **-** buttons.

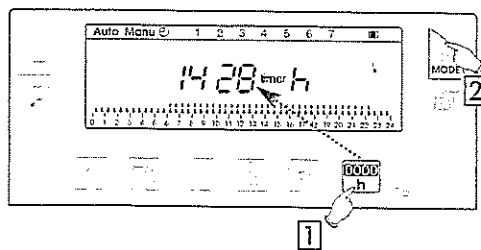
5 Validate with the "OK" button. Remain in this mode.

To cancel and return to automatic Mode, press "Mode".

10 INSTALLATION MAINTENANCE SIGNAL

This mode allows you either:

- to take steps for regular maintenance (change of air conditioning filter, device cleaning) or
- to compare your heating or air conditioning consumption from one year to the next (by comparing the number of running hours).



Counting running hours

1 Press the "00:00" button. The display panel will indicate the number of hours your burner, air conditioning, ventilator-convector, etc. (depending of the type of device controlled) has been running from the moment the batteries were inserted.

(By pressing once on **+** or **-** you return the counter to zero.)

2 Press "MODE" to return to automatic mode.

Programming the regular servicing of your installation.

1 Press the "00:00" time button.

2 Set the number of running hours after which the warning signal should flash using the **+** and **-** buttons.

3 Validate with the "OK" button: The count-down begins. The message "timer" will appear at the end of the count-down warning you that servicing is required.

11 CONTROL BY TELEPHONE

Your Thermoflash Digi 2 is equipped with an input port for heating control by telephone.

An additional device for telephone control, required for this function, can be connected by the installer.

The telephone symbol flashes and your heating passes automatically to the anti-freezing temperature (stable 6°C) when the telephone control sensor is activated.

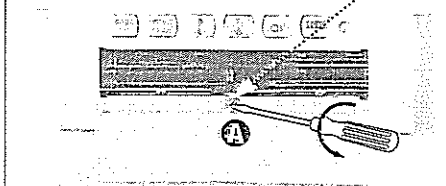
12 INSTALLER'S GUIDE

! Cut off the power before installation.

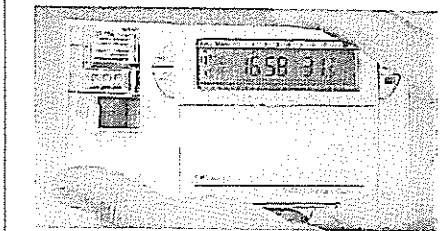
The wiring system diagram does not show the protections. Installation should be carried out by qualified persons and should comply with current standards.

- Thermoflash Digi 2 should be installed at least 1.50m above the ground on an inside wall protected from direct sun rays and from any heat source such as television, lamp, draughts, etc.

1 Slide the cover down and unscrew screw **1**.

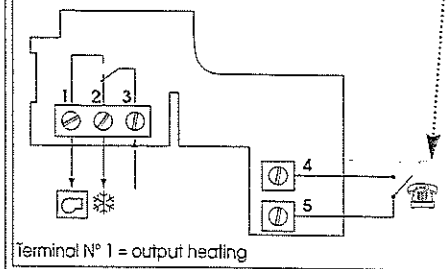


Carefully take out the front face.



2 Fix the base to the wall and connect the device according to the diagram below.

Telephone remote control. Contact mode (between terminals 4 and 5) = anti-freezing (+6°C). The type of contact should be adapted to low level connection (e.g. gold-gilded contact).



Terminal N° 1 = output heating

3 Replace the front cover and screw in screw **1** again.

If your boiler has a thermostat input, eliminate the shunt resistor linking the 2 thermostat terminals and connect the 1 and 3 terminals of your Thermoflash Digi 2 to the two thermostat input terminals on the boiler (the direction of the connection does not matter).

POSSIBLE SETTINGS

Various settings can be made on the back of the device (when it is not mounted).

1 Selection of installation type

Heating

Air conditioning

2 Selection of adjustment mode

ON/OFF

Proportional

The proportional mode is particularly recommended for radiator heating installations (low or average time lag) and electric radiant ceilings.

In other cases, the "ON/OFF" mode is recommended and will offer you complete satisfaction.

3 Anti-lacking function for the circulation pump (activation of the pump for 1 minute every 24 hours).

Anti-lacking function off

Anti-lacking function on

TECHNICAL SPECIFICATIONS

- Adjustment range for comfort T°C +5°C to +30°C
- Adjustment range for reduced T°C +5°C to +30°C
- Adjustment range for holiday T°C +5°C to +30°C
- Adjustment range for ambient T°C 0°C to +40°C
- Static differential: < 0.3 degrees
- Power : 2 standard LR6 alkaline batteries
- Breaking power: Change over contact - 8 (3) A/250 V AC
- Operating temperature: 0°C to +50°C.
- Storage temperature: -10°C to +65°C
- Hygrometry : 65% max at +27°C
- Degree of protection : IP 30
- Insulation class: II (EN 60730 standards)
- Connection : by screwed barrier up to 2.5 mm².