

Sanfil

THERMOFLASH DIGI 2 RF

Thermoflash Digi 2 RF. Wireless clock thermostat Weekly cycle.

Easy to install, easy to program, the RF Digi 2 will allow you to control your heating system in accordance with your way of life.

The RF Digi 2 has been designed to offer you comfort and energy savings. It will be easily installed in your home and will control the ambient temperature according to the program. It will control through radio waves the RF receiver.

The RF Digi 2 will control the ambient temperature 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.



Where and how you should install the RF Digi 2

To control accurately the ambient temperature, the Digi 2 must be installed 1,5 m. above the floor, on an internal wall shaded from direct sunlight and from all thermal influences such as : television, lamps, heater,

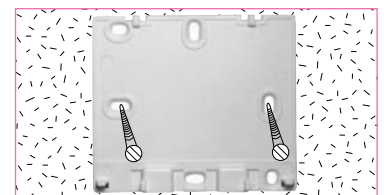
The RF Digi 2 is delivered with a base. With this accessory, you can simply put it on furniture (table, etc...). It is important to check that no external influence will perturb it (heater, window...).



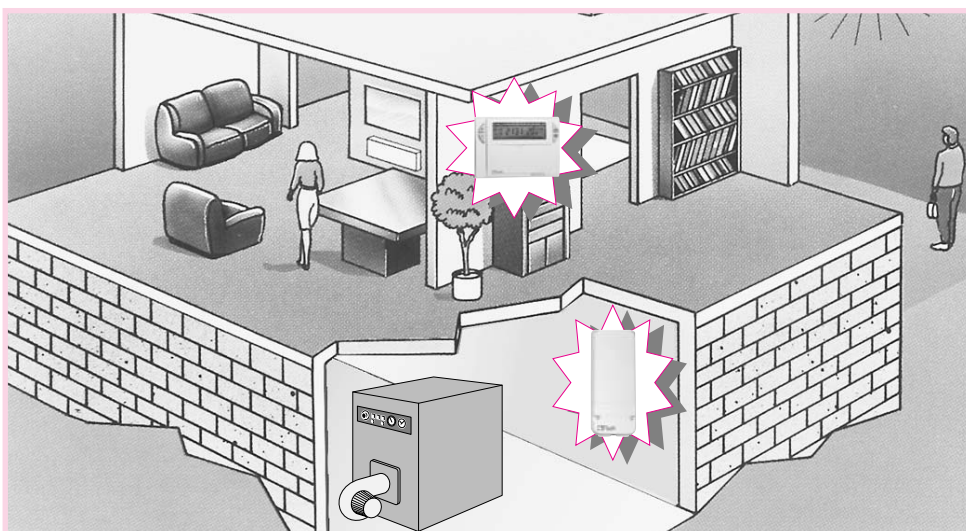
You can also install it on an internal wall. Therefore, take out its wall mounting base.



Fix it to the wall.



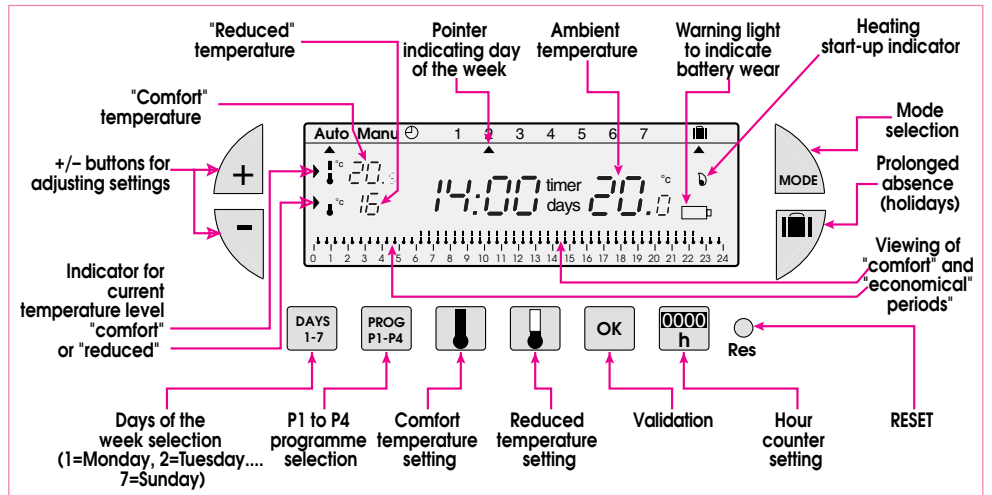
Then replace the product on its base.



CONTENTS

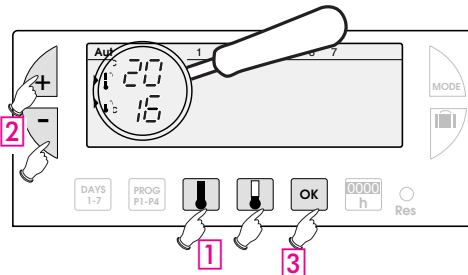
- 1 Inserting or re-inserting the batteries
- 2 Setting to current time and day
- 3 Temperature setting
- 4 Programming
- 5 Programme reading
- 6 "Auto" automatic mode
- 7 "Manu" manual mode
- 8 Temporary temperature modification
- 9 Prolonged absence mode (holidays)
- 10 Your installation maintenance signal
- 11 Installer's guide

Functions and program of the RF Digi 2



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.



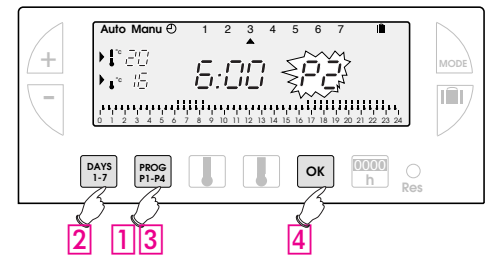
P3 = Comfort temperature from 6 a.m. till 8.30 a.m., from 11.30 a.m. till 1.30 p.m. and from 4.30 p.m. till 11 p.m.
 Reduced temperature from 8.30 a.m. till 11.30 a.m., from 1.30 p.m. till 4.30 p.m. and from 11 p.m. till 6 a.m.



P4 = The P4 program lets you set the **desired periods** of comfort temperature and economic temperature. A different program can be 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 ▲ 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.

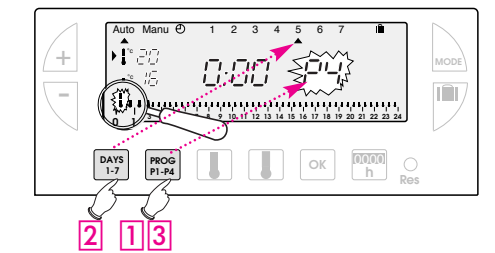
Creating a P4 programme

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).

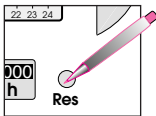
3 Press the **PROG P1-P4** button until the **P4** programme number flashes in the right side of the screen. Your display panel indicates time as 00:00 and the first thermometer flashes on the 24-hour profile.

1 Inserting or re-inserting the batteries

This clock thermostat 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 12 months):

The device remains programmed for 60 seconds while batteries are being replaced.

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

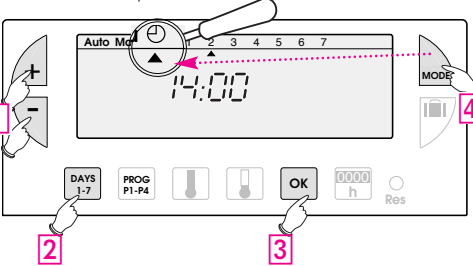
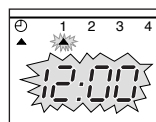


2 Setting current time and day

- 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 ▲ flashes under day 1.

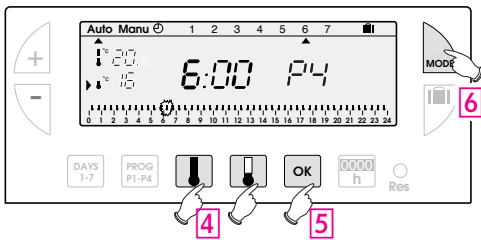


1 Set the **time** using the +/- buttons (the numbers run off more quickly when the button is pressed continuously).

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.



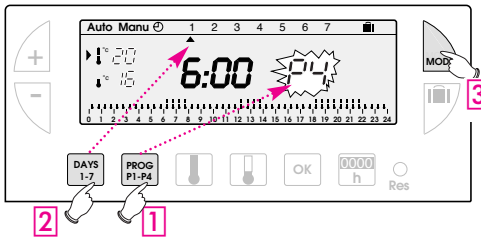
4 Press the button several times to obtain 6:00. The time displayed advances by 30 minutes for each short press. Continuous pressing accelerates the time run-off.

- Press the button several times to obtain 8:00.
- Press the button several times to obtain 12:00.
- Press the button several times to obtain 14:00.
- Press the button several times to obtain 18:00.
- Press the button several times to obtain 22:00

N.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 and thermometer buttons.

- 5 Press the "OK" button. The following day automatically appears.
6 Press MODE to return to automatic mode.

5 Programme reading



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.

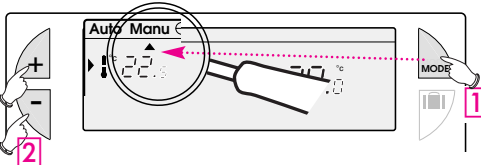
6 « Auto » automatic mode

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

In automatic mode the clock thermostat adapts to your life style by running the programs you have selected.

7 « Manu » 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 between 5°C and 30°C).



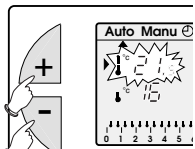
- 1 Press the "MODE" button to position the pointer ▲ under "Manu".
2 Press + or - to adjust to the desired temperature (for instance 22.5°C). To quit the "Manu" mode, press "MODE" and re-position the pointer ▲ under "Auto".

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.

■ settings are available for maintaining temperature above frost level:

1 Permanent frost protection.

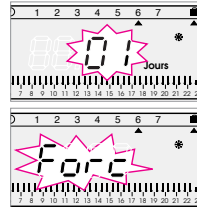
Press . The day 01 flickers.

Press once . The "Forc" display flickers.

Validate with .

Using keys, set the temperature level desired during your absence.

Validate with .



2 Setting frost protection temperature for a certain number of days.

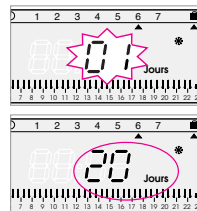
Press . The day 01 flickers.

Using keys, set the length of your absence in days (from 1 to 99 days). The current day count as one.

Validate with .

Using keys, set the temperature level desired during your absence.

Validate with .

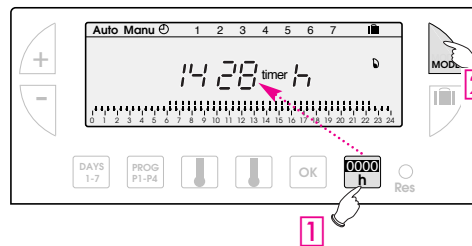


- To cancel and return to automatic Mode, press .

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 Possible settings



POSSIBLE SETTINGS

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

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

- Anti-locking function off
- Anti-locking function on

Strap 2 Selection of adjustment mode

- ON / OFF
- Proportional

Strap 3 lets you shift to HF configuration mode

- Automatic mode
- Configuration mode with HF receiver(s)

Technical data

RF Digi 2 transmitter :

- Adjustment range for comfort temperature : +5°C to +30°C.
- Adjustment range for reduced temperature : +5°C to +30°C.
- Adjustment range for frost protection temperature: +5°C to +30°C.
- Display range for ambient temperature : 0°C to +40°C.
- Static differential : < 0.3 K.
- Power : 2 standard LR6 alkaline batteries (to supply the product and the radio transmission).
- Operating range : 75 m from transmitter to receiver in a free field (operates over 3 building floors).
- Transmission frequency : 433,92 MHz.
- Operating temperature : 0°C to +40°C.
- Storage temperature : -20°C to +70°C.
- Relative humidity : 95% max. at 40°C.
- Dimensions : 115 x 82 x 34 mm.
- Degree of pollution : standard.

Usable in all Europe

Declaration of conformity:

We, Flash SAS, 33 rue Saint-Nicolas 67704 Saverne Cedex, hereby declare under our own responsibility that the products dealt with by these instructions satisfy all essential demands linked to the R&TTE 1999/5/CE Directive dated March 1999

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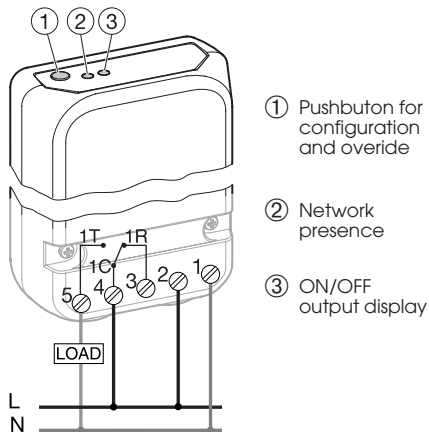
RF receiver installation

Digi 2 RF can be associated with the following receiver:
 - wall-mounted receiver IP43 1 channel.



In this case, the coding of Digi 2 RF with the receiver is required.

Electrical connection

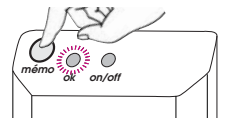


Coding of transmitter with the receiver

1. Set switch 3 at the back of Thermoflash Digi 2 RF to CONF position.
 The display indicates CONF.



2. Press the pushbutton of the receiver for more than 3 seconds.
 The indicator light OK flickers.



3. Press the Thermoflash Digi 2 RF pushbutton  for more than 3 seconds.

4. The indicator light OK of the receiver stops flickering, showing that the transmission / reception link has been established.



5. Return the switch located at the back of the Thermoflash Digi 2 to the AUTO position.

Troubleshooting

The heating is not starting.

- **The receiver is not fed: (indicator light OK is off).**
 Check the fuse and the circuit breaker.
- The receiver is out of range of the transmitter.
 Move the receiver closer.
- **The receiver does not recognize the code of the transmitter.**
 Reconfigure the receiver.
- **Interfering waves disturb the receiver (radio ham, TV screen, mobile phone relay station...):**
 Try moving the disturbing waves transmission source.
- **The transmitter is located in a disturbed area:**
 Move the transmitter out of the area.

If the problem remains, contact your electrician.