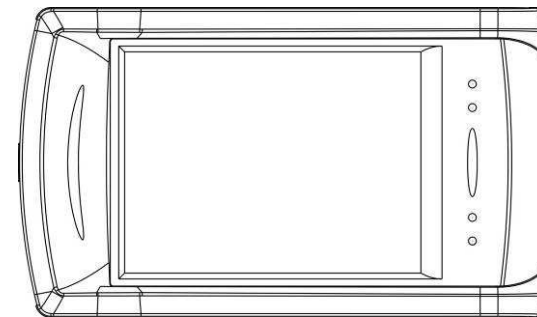


C804

Touchscreen Programmable Room Thermostat
User manual



Dear Customer,

Thank you very much for having purchased our product.

Please, kindly read this manual and keep it carefully, because it provides important information on safe use and maintenance.

GENERAL WARNINGS

1. After removing the packaging make sure the integrity of the unit. If in doubt do not use the equipment and contact our Technical Assistance Center. The elements of the packing (plastic bags, polystyrene, staples, etc.) must not be left within the reach of children.
2. This equipment will be intended only for use for which it was specifically built and that is how thermostat. The manufacturer cannot be held liable for any damages resulting from misuse or incorrect usage.
3. In case of failure and / or malfunctioning of the device, turn off it. For any repair only contact our Technical Assistance Center and ask for the use of original spare parts. Failure to comply with the above may compromise the device safety.
4. Installation and mounting of electric appliances must be carried out only by skilled electricians. It is imperative to observe the generally applicable safety measures, such as: before starting any work on the appliance, switch off power supply and secure against switching on.

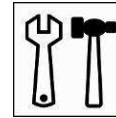
Attention

This appliance is not intended for use by persons (including children) with reduced physical, sensory and mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety.

Young children should be supervised to ensure that they do not play with the appliance.

SHORT DESCRIPTION

The touch screen digital room time thermostat wall mounted C804 allows comfortable control of the heating or cooling unit, to save energy and to set the room temperature at a level that is just enough for you to feel comfortable. The minimum temperature is + 5 °C: it will protect your heating system against damage from frost (automatic frost-protection function)



Technical data

Dimension H x L x W (mm):	137 x 80 x 25mm
Operating voltage:	2 batteries 1,5 Vdc LR6/AA
Temperature control range:	+5 °C / + 35 °C
Regulation Step:	0,5°C
Accuracy:	+/-1°C at 20°C
Resolution:	0,1°C
Temperature display range:	0 °C / + 40 °C
Switching capacity (changeover contact):	
- at ohmic loads:	max 6 A 250 Vac 50 Hz
- at inductive loads $\cos \varphi = 0,6$:	max 2 A 250 Vac 50 Hz
Switching output:	floating
Function modes:	Heat / Cool
Anti-frost:	+ 7 °C
Ambient temperature:	0°C / + 40°C
Swing:	0,2°C
Programming:	daily / weekly, 5/2
Shortest switching period:	30 minutes
Low power indicator:	yes
Remote control switch (by phone):	yes
Automatic change of the time:	yes
Class of protection:	II
Index of protection:	IP20

Comply with EMC and LV directives:

LVD: EN 60730-1, EN 60730-2-7, EN 60730-2-9.

EMC: EN 55014-1, EN 55014-2, EN 61000-3-2, EN 61000-3-3




Subject to technical modifications

MAINTENANCE




The thermostat, normally requires no special maintenance. If necessary, it's enough remove dust with a soft, dry cloth or if necessary moistened with warm water and mild detergent.

temperature are flashing alternatively on the bottom side of the display. Press OK for exit from the override function

C. Hold days (HOLIDAY)


- Press + or - key to adjust override temperature: the symbol  indicator will appear on the display
- Press  key twice to display 1d and  indicator
- Press + or - key to set holding day from 1 day to 99 days
- Press OK key to confirm and exit, or exit automatically in 1 minute (after 15 seconds the display switch off). The numbers of hours and the override temperature are flashing alternatively on the bottom side of the display. Press OK for exit from the override function

D. Hold long period running

- Press + or - key to adjust override temperature: the symbol  indicator will appear on the display
- Press  key three times and  will display together with the override temperature
- Press OK key to confirm and exit, or exit automatically in 1 minute (after 15 seconds the display switch off). The temperature will be kept until manually pressing OK key



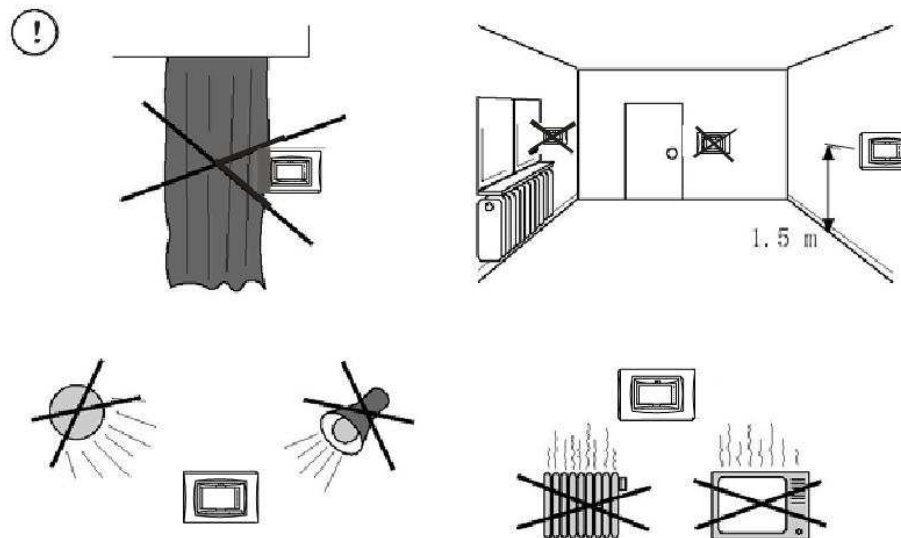
Low battery indicator

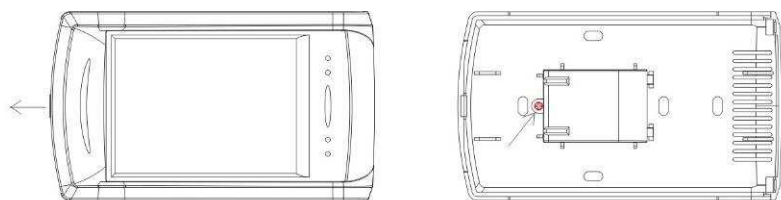
When low battery occur then appear on the display the symbol . Change the batteries in few minutes and the program, temperatures and date setting remain in memory, you need only re-setting the time clock (hour and minutes).



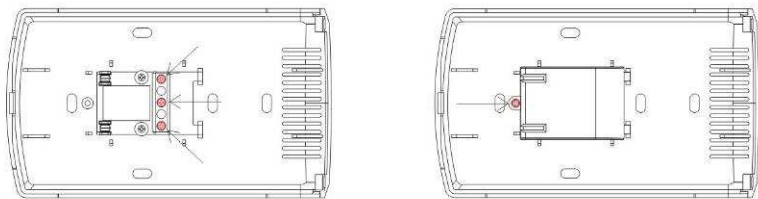
Key lockout function

Hold OK key for 3 seconds to display OK only, all keys were locked out. To unlock the keys, then hold OK key for 3 seconds to restore the display of keys. Use this function when for example you need to clean the display.

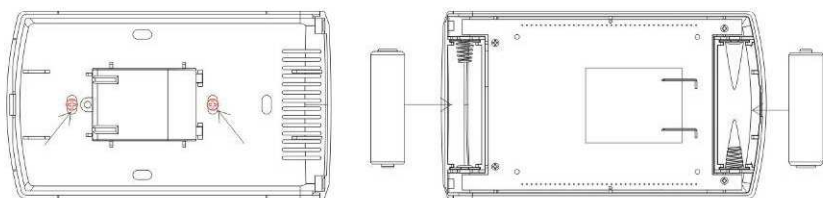




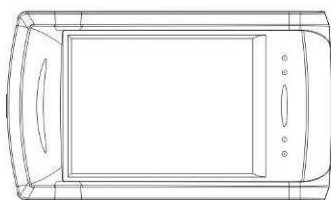
- 1) Open front and rear case with a screwdriver, 2) Open relay cover with screwdriver and take



- 3) Connect all the wires properly (NC=Normally close, COM = Common, NO = Normally Open) 4) Cover the relay case and screw it properly.




- 5) Mount and fix rear case with screws in wall. 6) Put 2 batteries in the batteries householder (1,5V LR06 AA).




- 7) Cover front and rear case properly.





5/2 PROGRAM

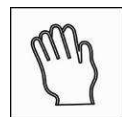
- Press and hold  key for 3 seconds to flash date
- Press + or - key to select days from 1 to 5 (these days are flashing)
- Set the program for Monday-Friday and Saturday-Sunday by using the same way as Daily program A operation

B. WEEKLY PROGRAM


- Press and hold  key for 3 seconds to flash date
- Press + or - key to select days from 1 to 7 (these days are flashing)
- Set the program by using the same way as Daily program A operation

COPY function



- Press and hold  key for 3 seconds to flash day and enter into COPY mode when you are in automatic mode (). The day and COPY are flashing
- Press + or - key to choose the program of target day which you want to copy from
- Press  key again to stop flashing COPY (the program is memorized)
- Press + or - key to choose the day which you want to copy the program to
- Press  key again, the program has been downloaded
- In the same way to copy and download program to the rest days, after finished all program, press OK key to confirm and exit, or exit automatically in 1 minute (after 15 seconds the display switch off)






Manual OVERRIDE function

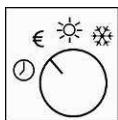
During the automatic mode () you can have the override function

A. temporary override (PARTY)

- Press + or - key to adjust override temperature: the symbol  indicator will appear on the display
- After set the temperature, press OK key to confirm and exit, or exit automatically in 1 minute (after 15 seconds the display switch off). The manual setting temperature and  will be kept until entering next setting program or when press OK key.

B. Hold hours

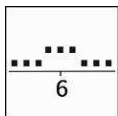
- Press + or - key to adjust override temperature: the symbol  indicator will appear on the display
- Press  key once to display 1H and  indicator
- Press + or - key to set holding time from 1 hour to 24 hours
- Press OK key to confirm and exit, or exit automatically in 1 minute (after 15 seconds the display switch off). The numbers of hours and the override



Mode setting

Press key to select , , or mode (in HEAT mode, can be selected, it runs in anti-frozen mode and keeps the temperature at 7 degree. In COOL mode, it's without selection of)

- : Automatic (program mode); on the display there is also the programmed temperature (, ,)
- : Continuous operating mode to the comfort temperature
- : Continuous operating mode to the night (moon) temperature
- : Continuous operating mode to the energy saving temperature
- : Continuous operating mode to the anti-frozen (+7 °C), only for Heat mode



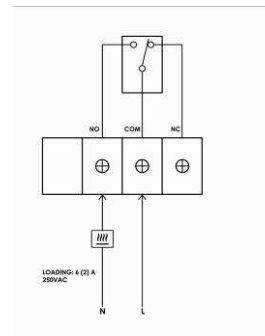
Program setting

There are three different kinds of program during the automatic mode . That is: Daily program (different program for each day of a week), 5/2 program (the same program for Monday(1) - Friday(2) and the same program for Saturday(6) - Sunday(7)), Weekly program (the same program for each day of a week)

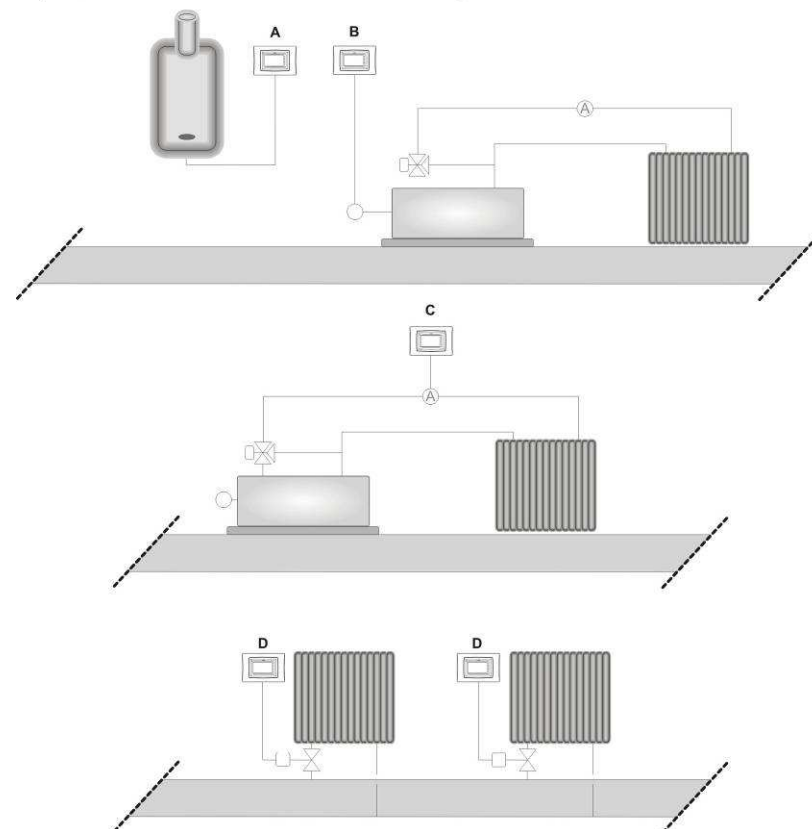
A. DAILY PROGRAM

- a) Press and hold key for 3 seconds to flash the day (1-7)
- b) Press + or - key to set the day which you want to program
- c) After set the day/days, press key to flash time 0:00, and the corresponding bar dot for program is flashing
- d) Press key to enter into energy saving mode; press key to enter into comfort (sun) mode; press key to enter into night (moon) mode
- e) Press + or - key to adjust time. Repeat step d and e if you want to change the programmed level temperature
- f) When you finish setting one day program, press key to flash day
- g) Set the rest day's program of a week as above operation from step b to step f, after finished all settings, press OK key to confirm and exit, or exit automatically in 1 minute (after 15 seconds the display switch off)

Connection diagram:



Heating system examples with thermostat that controls:
a) Boiler
b) Burner
c) Circulation pump
d) Zone valves

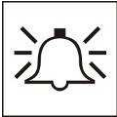


ENGLISH



Time Setting

- Press key once to flash year
- Press + or - key to set the year
- Press key once to flash month
- Press + or - key to set the month
- Press key once to flash day
- Press + or - key to set the day
- Press key once to flash hour
- Press + or - key to set the hour
- Press key again to flash minute
- Press + or - key to set the minute
- Press OK to confirm and exit, or exit automatically in 1 minute (after 15 seconds the display switch off)
- The internal calendar calculate the right day (1 = Monday, 2 = Tuesday, 3 = Wednesday, 4 = Thursday, 5 =Friday, 6 = Saturday, 7 = Sunday). Automatic change of the time (Daylight saving time): the Daylight saving time gives us the opportunity to enjoy sunny summer evenings by moving our clocks an hour forward in the spring. In the European Union is the Summer Time, it begins the last Sunday in March and ends the last Sunday in October. In the EU, all time zones change at the same moment

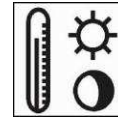


Clock alarm

- Press and hold for 3 seconds to display AL
- Then press € icon once to display the bell symbol on the top left. Press + or - to select the days (1-5, 6-7, 1-7)
- Press icon once to flash hour. Press + or - to set hours of alarm clock.
- Press icon once again to flash minute. Press + or - to set minutes of alarm clock.
- Press OK to confirm. After finished the setting time, buzzer rings BI-BI for 30 seconds at the programmed time. Press OK icon to turn off the alarm clock in the midway.

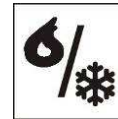
To deactivate the alarm:

- Press and hold for 3 seconds to display the bell symbol.
- Then press € icon, the bell symbol disappears. Press OK icon to confirm and cancel alarm or exit automatically in 1 minute (after 15 seconds the display backlight switch off).



Temperature setting

- Press key once to flash and setting temperature
- Press + or - key to set the comfort (sun) temperature
- Press key once again to flash € and setting temperature
- Press + or - key to set the energy saving temperature (intermediate level)
- Press key once again to flash and setting temperature
- Press + or - key to set the night (moon) temperature
- Press OK to confirm and exit, or exit automatically in 1 minute (after 15 seconds the display switch off)



Heat and Cool mode setting

- Press key once and then press key
- Press key to choose:

HEAT: the chronostat runs in heating mode (switch on/off the heating system). When a heat request takes place the symbol is displayed.

COOL: the chronostat runs in cooling mode (switch on/off the air-conditioning system). When the air-conditioner is on will appear on the display the symbol *

- Press OK to confirm and exit, or exit automatically in 1 minute (after 15 seconds the display switch off)