What if something happens to my heating system? How can I check that the CM61NG is working?

See the troubleshooting guide below. If you need assistance after this call your installer.

**CM61NG Trouble-Shooting Guide**

<table>
<thead>
<tr>
<th>Symptom</th>
<th>Possible Cause</th>
<th>Remedy</th>
</tr>
</thead>
<tbody>
<tr>
<td>Blank display</td>
<td>No batteries</td>
<td>Check that the batteries are in the battery compartment and that the paper tab has been pulled out</td>
</tr>
<tr>
<td></td>
<td>Wrong battery orientation</td>
<td>Replace batteries</td>
</tr>
<tr>
<td></td>
<td>Exhausted batteries</td>
<td></td>
</tr>
<tr>
<td>Display shows flashing ‘battery’ symbol</td>
<td>Improper battery compartment insertion</td>
<td>Remove battery compartment and re-insert</td>
</tr>
<tr>
<td></td>
<td>Batteries need replacing</td>
<td>Change batteries as described previously</td>
</tr>
<tr>
<td>Display shows ‘flame’ symbol but heating does not switch on</td>
<td>The heating is not required at this moment</td>
<td>The heat demand is sent to the relay box as a value between 0-100%. The relay box will adjust the boiler on time to meet this requirement.</td>
</tr>
<tr>
<td></td>
<td>The relay box will adjust the boiler on time to meet this requirement.</td>
<td></td>
</tr>
<tr>
<td></td>
<td>That is why the heating will be off sometimes even if the ‘flame’ symbol is displayed. To check if RF system is communicating properly press the TEMPerature UP button to increase the set temperature a few degrees above the current temperature. The heating should come on after a few seconds.</td>
<td></td>
</tr>
<tr>
<td>Display works but heating does not switch on (HC60NG LEDs are off or green one is on)</td>
<td>Boiler switched off</td>
<td>Switch the boiler on</td>
</tr>
<tr>
<td></td>
<td>Wrong electrical connection</td>
<td>Call electrical installer to check the boiler and relay box power supply as well as the connection between the boiler and the relay box</td>
</tr>
<tr>
<td>HC60NG red LED is constantly on or flashing</td>
<td>RF communication lost due to the wrong location of the room unit</td>
<td>Hook the room unit back on the wall bracket or replace the room unit on the table stand to the position where RF communication was reliable.</td>
</tr>
<tr>
<td></td>
<td>RF communication fault</td>
<td>Call installer</td>
</tr>
<tr>
<td>NOTE: You can control the boiler manually when the RF communication is lost: Press the HC60NG push button to switch the boiler on and off. When the green LED is on – the boiler is on.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Heating switches on or off too slowly or too quickly</td>
<td>CM61NG not set correctly for your system</td>
<td>Call installer</td>
</tr>
<tr>
<td>Temperature swings between too hot and too cold</td>
<td>CM61NG not set correctly for your system</td>
<td>Call installer</td>
</tr>
<tr>
<td>Display shows ‘spanner’ symbol</td>
<td>Fault in the CM61NG</td>
<td>Remove the battery compartment and re-insert it. If the ‘spanner’ symbol does not clear itself in a few minutes call the installer</td>
</tr>
</tbody>
</table>

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**What is an RF Programmable Thermostat?**

A Honeywell Radio Frequency (RF) programmable thermostat is a thermostat that controls your heating system so that you can have comfortable temperatures when you are at home and energy savings when you are out. With RF communication there is no need to provide a wired connection between thermostat and boiler. The CM61NG can therefore be installed without disrupting your room decor. These instructions explain how to program and operate your CM61NG to get the most comfort at the least cost.

**What will the CM61NG Programmable Thermostat do for me?**

- Wireless connection to the boiler allows you to mount the CM61NG in your room without disrupting the decor
- Armchair programming lets you set up your CM61NG while resting comfortably in your armchair
- Optimum Start means that the CM61NG will switch on your heating system so that your desired comfort temperature is reached at the programmed time, thus avoiding unnecessary boiler firing
- Attractive slim styling compatible with any room decor
- 6 daily independent temperature levels let you set any 6 temperatures from 6 to 30°C to match your daily lifestyle
- Holiday button saves energy by letting you reduce the temperature for 1 to 99 days while you are on holiday, returning to normal operation on the day you return
- Memory holds the user program indefinitely so that it is never lost even if you take the batteries out

**What is Optimum Start?**

Instead of switching on the heating at the set time every day, the CM61NG will delay the start time to the latest possible moment, so that unnecessary heating is avoided. All you have to do is set the time when you want comfort temperatures and the CM61NG will then decide when to turn the heating on, thereby ensuring your comfort.
How do I install the batteries?
1. Lift up the front flap to reveal the battery compartment. Open the battery compartment by inserting a coin underneath the bottom right edge of the flap and lift out.
2. Pull the paper tab out to activate the 2 AA LR6 Alkaline Batteries included and push the battery compartment firmly back into the front of the unit. After a pause the unit will now display information.

How do I set the time?
The time can be set with the CM61NG in the AUTO, MAN or OFF operating modes. Press \( \text{or } \) until the correct time is displayed. Each button press will change the time by one minute. Holding the button down for a few seconds will change the time slowly at first, then quickly. Make sure AM or PM is correct.

How do I set the time of day?

How do I set the holiday time?

How do I set the holiday temperature?

How do I set the own daily temperature program?
1. Press PROG 1. The first temperature change time and temperature level will flash to indicate they can be changed. (the two small arrows are displayed only when the programmed temperature level is shown).
2. Press \( \text{or } \) to adjust the first temperature change time. Holding the button down will change the time quickly. The change time can be set in 10 minute steps from 03:00 in the morning. The change time can be adjusted up to 02:50 on the next morning, so you can maintain the evening temperature after midnight.
3. Press TEMP \( \text{or } \) to adjust the first temperature level. Holding the button down will change the temperature quickly. The temperature can be set in 0.5°C steps from 5°C to 30°C.
4. Press PROG 2 to display the second temperature change time and temperature level. Set those by pressing \( \text{or } \) and TEMP \( \text{or } \).
5. The remaining temperature changes can be displayed by pressing PROG buttons \( 3, 4, 5 \) and \( 6 \) and adjusted by using \( \text{or } \) and TEMP \( \text{or } \). (if you don't want to use all the temperature change times 2, 3, 4, 5 or 6 refer to the section “What if I don't want to use all 6 temperature change times?”)
6. Press AUTO when you have completed your programming. The CM61NG will now control the room temperature to match your program.

What if I don't want to use all 6 temperature change times?
The built-in program uses 6 temperature change times as indicated by the numbers 1, 2, 3, 4, 5 and 6 on the display. Unwanted change times can be deleted by holding the appropriate PROG buttons \( 2, 3, 4, 5 \) or \( 6 \) down for a few seconds. The change time will be removed and the display will show dashes instead of a time / temperature display. Deleted temperature change times can be brought back by again pressing the appropriate program button \( 2, 3, 4, 5 \) or \( 6 \) for a few seconds.

Can I change the programmed temperature for a short time?
When the CM61NG is in AUTO position (display will show "AUTO") the temperature can be adjusted temporarily by pressing TEMP \( \text{or } \). The temperature will return to the program at the next temperature change time.

How do I check the programmed temperature?
In normal operation the temperature displayed is the actual room temperature. To check the programmed temperature press \( \text{and the display will show the programmed temperature with the two small arrows.}

How do I set one temperature for the whole day?
To operate as a simple thermostat with one temperature throughout the day press MAN. Adjust the manual temperature by pressing \( \text{or } \). The manual temperature can be set anywhere from 5°C to 30°C in 0.5°C steps.

I am going on holiday for a few days. How do I save energy but ensure that the house is warm when I return?
1. Make sure the CM61NG is in AUTO or MAN mode.
2. Press \( \text{(HOLIDAY)} \) to display the holiday days counter and temperature.
3. Press \( \text{or } \) to set the holiday temperature (1-99 days).
4. Press TEMP \( \text{or } \) to set the holiday temperature (5°C - 30°C).
The unit will control to the new temperature for the set number of days holiday. At midnight the holiday counter will be reduced by one until the selected number of days have passed. The unit will then return to normal control as set by the MAN or AUTO position.

To cancel the HOLIDAY setting, press the button a second time.

How can I switch the heating on and off manually?
To switch the boiler ON or OFF:
1. Press the MAN button.
2. Press TEMP \( \text{or } \) until the boiler switches ON or OFF.

How can I switch the CM61NG off?
Press the OFF button. The unit will now control at 5°C.

How do I know when the batteries need to be changed and how do I do this?
Your CM61NG has built-in electronics that constantly monitor the battery power level. With no accessory fitted the batteries should last about 2 years. When the batteries need replacing, a flashing battery symbol will be displayed.

To change the batteries:
1. Lift up the front flap to reveal the battery compartment. Open the battery compartment by inserting a coin underneath the bottom right edge of the flap and lift out.
2. Replace the used batteries with 2 new AA LR6 Alkaline Batteries (Duracell are recommended) and push the battery compartment firmly back into the front of the unit.

What if I don't want to use all 6 temperature change times?

What do other accessories can I buy for the CM61NG?

What other accessories can I buy for the CM61NG?

CM61NG Controls/Display Layout
The diagram below details the key button functions and display information.

Battery Low
Temperature Display
Temperature Change Buttons
Manu lar Function Buttons
Automatic Function Buttons
OFF Button
H o liday Button
Program Button

How do I get started with the built-in temperature program?
Press the AUTO button. This CM61NG will now control your heating using the built-in temperature program.

How do I get started with the built-in temperature program?

The ATS module picks up a daily time signal from a transmitter in Central Europe and corrects the time on the CM61NG display. So:
- You never need to set or adjust the time
- There is no need to adjust the unit by \( \text{per hour in summer / winter}
- Since the unit does this automatically
- Your CM61NG is the most accurate clock in your home so you can use this information to set-up all your other clocks.

What is the HC60 Relay Box?

The HC60 Relay Box Trouble-Shooting Guide.

What does it mean when the HC60N relay box green LED is ON?
The green LED indicates normal operation of the radio frequency system. When the green LED is ON the boiler is also ON. When the LED is OFF the boiler is OFF.

When do I need to use the push button?
You should use the push button to control your boiler only when the RF communication is lost (see the CM61NG Trouble-Shooting Guide).

What other accessories can I buy for the CM61NG?

Automatic Time Setting (ATS) "Add-On" Module *

(Part No. Q6667B1010)

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- Your CM61NG is the most accurate clock in your home so you can use this information to set-up all your other clocks.

* Not available in all Geographic Regions depending on transmitter range and home location.

Table stand for the room unit (Part No. F42010248-002)
If you do not want to mount the room unit on the wall you can use optional table stand, ask your installer for details

*Note: The room unit must be located in a location where reliable communication was proven. Advise your Installer where you would like to position the room unit and they will check if the RF communication is reliable in the selected location(s).

Hand:

Push button and relay status LED’s

HC60 Relay Box Controls Layout
The relay box will normally be found mounted close to the boiler.

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