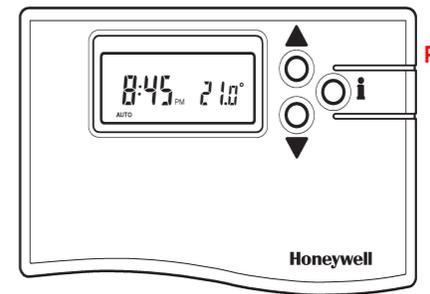## What if something happens to my heating system? How can I check that the CM61 is working?

See the troubleshooting guide below. If you need assistance after this, call your installer. The CM61 should only be opened or removed by a qualified professional to prevent possible injury from electric shock.

<div style="writing-mode: vertical">**Trouble Shooting Guide**</div>

Symptom	Possible Cause	Remedy
Blank Display	No batteries	Check batteries are in the battery compartment and that the paper tab has been pulled out
	Battery orientation	Check that the batteries have been installed in the correct orientation.
	Exhausted batteries	Replace batteries
	Incorrect battery cartridge insertion	Remove battery cartridge and re-insert
Display shows flashing ▭▬ symbol	Batteries need replacing	Change the batteries as described previously
Display works but heating does not switch on	No power to system	Check that there is power to the system
	Program does not call for heat	Press **TEMP** ▲ to increase the temperature a few degrees above the current room temperature. The heating should come on after a few seconds.
	CM61 not connected to boiler properly	Call installer to check electrical connection between the CM61 and the boiler
Heating switches ON/OFF too slowly or too quickly	CM61 not set correctly for your system	Call installer
Temperature swings between too hot and too cold	CM61 not set correctly for your system	Call installer
Display shows ✎— symbol	Fault in the CM61	Remove battery cartridge and re-insert. If the ✎— symbol does not clear itself in a few minutes call the installer
Display shows the word '**SERVICE**'	Your installer has set a scheduled maintenance alert period on your CM61 as a recommendation that your heating system should receive a routine inspection.	Call your installer to arrange a maintenance visit. The CM61 and heating system will continue to operate as normal.

Honeywell

CM61
Programmable Thermostat

<div style="background:gray;text-align:right">**USER GUIDE**</div>

What is a Programmable Thermostat?

The Honeywell CM61 is a programmable thermostat which controls your heating system so that you can have comfortable temperatures when you are at home and energy savings when you are away.
It is important to understand that the CM61 is not a traditional "ON/OFF" controller but a "HI / LOW" temperature controller.
This means that to program the heating to go 'OFF' at a particular time a lower (setback) temperature setpoint is entered which you would choose to protect you and your home.

What will the CM61 Programmable Thermostat do for me?

Attractive slim styling makes it ideal for location in any suitable room in your home.

Display Backlight illuminates the display when a key is pressed for easier viewing in low light conditions.

6 daily independent temperature levels let you set **any** 6 temperatures from 5 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.

Outside Temperature Sensor (optional accessory) can be fitted to the CM61 to display the outside temperature.

Remote Temperature Sensor (optional accessory) can be fitted to the CM61 to control the temperature from another room.

Optimum Start option is a program which ensures that the optimum temperature conditions are achieved at the required times as described below (not available on T6661B1040).

What is Optimum Start?

Optimum Start is an Energy Efficiency Feature that adjusts the start time of your heating system depending upon how cold it is.
On cold days your Heating will be started earlier to ensure that your home is warm when you get up and on warmer days the heating system will be started later to save energy.
So, if the Optimum Start Feature is used, the time / temperature settings which are entered into the CM61 are when you want to be warm by and not when you want the heating to start. (not available on T6661B1040)
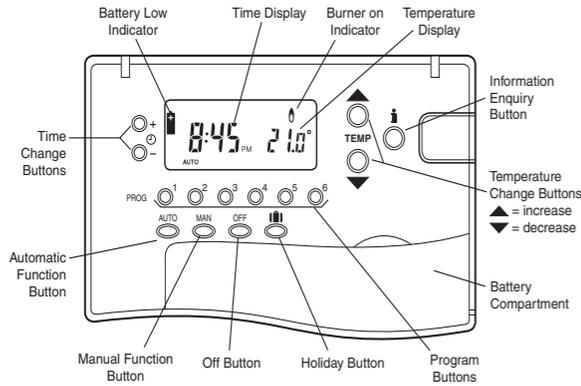
Honeywell

CM61 Controls/Display Layout

The diagram below details the key button functions and display information.

- Battery Low Indicator
- Time Display
- Burner on Indicator
- Temperature Display
- Time Change Buttons
- Information Enquiry Button
- Temperature Change Buttons
  ▲ = increase
  ▼ = decrease
- Automatic Function Button
- Battery Compartment
- Manual Function Button
- Off Button
- Holiday Button
- Program Buttons

CM61 Display Backlight

The CM61 has a backlit display that will illuminate when a button is pressed for easier viewing of the display in low light conditions. After the last button press the backlight will remain on for 7 seconds.

How do I set the time?

The time can be set with the CM61 in the **AUTO**, **MAN** or **OFF** operating modes. Press ⏱ **+** 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 get started with the factory default temperature program?

Press the **AUTO** button. The CM61 will now control your heating using the built-in temperature program:-

Daily

Program	1	2	3	4	5	6
Time	6:30	8:00	12:00	2:00	6:00	10:30
Temperature	21°C	18°C	21°C	18°C	21°C	16°C

How do I set my 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 ⏱ **+** 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.
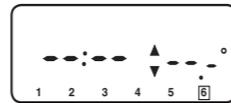
   (Note: If you attempt to move a change time past the next change time, both times will be moved).

3. Press **TEMP** ▲ 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.

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3. Press **TEMP** ▲ 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 level and time levels. Set these by pressing ⏱ **+** or **–** and **TEMP** ▲ or ▼.

5. The remaining temperature changes can be displayed by pressing **PROG** buttons **3**, **4**, **5** and **6** and adjusted by using ⏱ **+** or **–** and **TEMP** ▲ 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 CM61 will now control the room temperature to match your program.

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

Although the CM61 has up to 6 temperature / time changes available (**PROG 1 – 6**), any unused settings may be deleted by holding down the appropriate button (**PROG 2 – 6**) for 2 seconds.

To reinstate any deleted setting hold down the button again for 2 seconds.

Can I change the programmed temperature for a short time?

When the CM61 is in **AUTO** mode (display will show "AUTO") the temperature can be adjusted temporarily by pressing **TEMP** ▲ 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 ℹ 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 **TEMP** ▲ 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 CM61 is in **AUTO** or **MAN** mode.

2. Press 🛄 **(HOLIDAY)** to display the holiday days counter and temperature.

3. Press ⏱ **+** or **–** to set the holiday time (1 - 99 days).

4. Press **TEMP** ▲ 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** button.

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

How can I switch the CM61 off?

Press the **OFF** button. The unit has an intelligent built-in frost protection feature, so that if the temperature falls below 5°C, it will automatically switch the heating on.
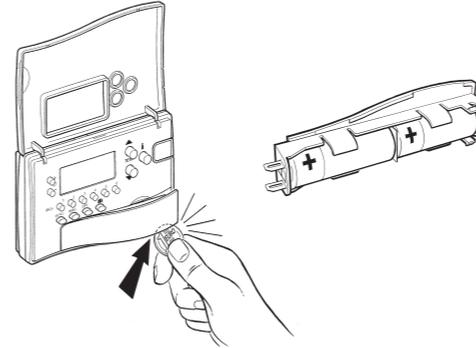
How do change the batteries?

With no other accessories fitted and for applications other than electric heating, the batteries should last about 4 years.
When the batteries need replacing, a flashing ▭╋ 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 and push the battery compartment firmly back into the front of the unit.

RESPECT YOUR ENVIRONMENT!
Take care to dispose of used batteries carefully.

NOTE: If you take more than one minute to change the batteries the clock may need to be reset - see **How do I adjust the time?**

Can I use my CM61 to control my air-conditioning system?

Yes. Please refer to your installer for more information.

What does 'SERVICE' on the display of my CM61 mean (optional)?

NOTE: This option only works if activated by your installer.

The '**SERVICE**' indicator is displayed at set intervals as a reminder that your heating system requires a routine check. Please call your installer to arrange a maintenance visit.
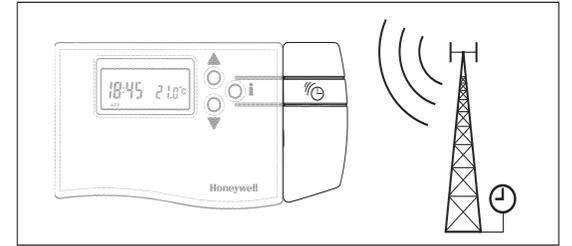
The symbol will remain on the display of the CM61 until it is either reset or disabled by your installer. The CM61 and heating system will continue to operate as normal.

What other accessories can I buy that work with the CM61?

Honeywell provides other accessories and "Add-On" modules that can be used with your CM61, ask your installer for details :

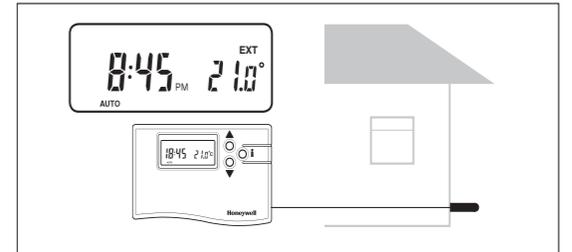**1. Automatic Time Setting (ATS) "Add-On" Module ***

The ATS module picks up a daily time signal from a transmitter in Central Europe and corrects the time on the CM61 display. So:

- You never need to set or adjust the time

- There is no need to adjust the unit by -/+ 1 hour in summer / winter since the unit does this automatically

- Your CM61 is the most accurate clock in your home, so you can use this information to set-up all your other clocks.
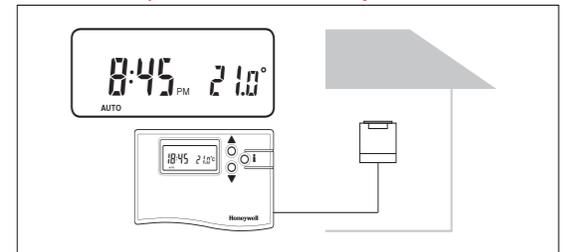
* Not available in all Geographic Regions depending on transmitter range and home location.

2. Outside Temperature Sensor Accessory

The Outside Temperature Sensor accessory can be fitted to your CM61 to display the outside temperature. By pressing the ℹ twice, the CM61 displays the external temperature.

3. Remote Temperature Sensor Accessory

The Remote Temperature Sensor accessory can be fitted to your CM61 to control the temperature of another room where it is inconvenient to locate the CM61 e.g. commercial premises where the public may adjust buttons.