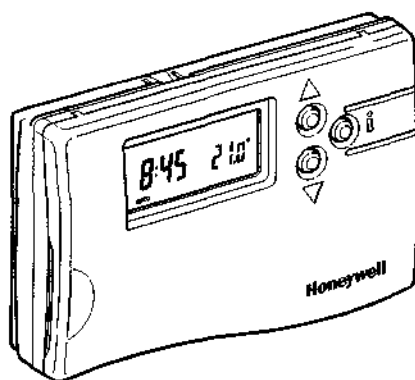


Programmable Thermostat

CM67



What is a Programmable Thermostat?

A Honeywell 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. These instructions explain how to program and operate your programmable thermostat.

What will the CM67 Programmable Thermostat do for me?

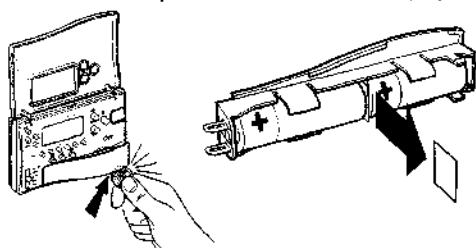
- **Optimum Start** the CM67 will switch on your heating system so that your desired comfort temperature is reached by the start of the program period and thus avoid unnecessary boiler firing (not available on T6667B1069)
- **Attractive slim styling** makes it ideal for location in any suitable room in your home
- **7 day program** lets you set the CM67 to match your weekly lifestyle
- **6 daily independent temperature levels** let you set any 6 temperatures from 5 to 30°C at any time each day, to match your daily lifestyle
- **Party button** lets you temporarily maintain (or adjust) the current temperature for 1 - 23 hours. Useful when you have friends round or go out of the house for a short while
- **Day Off button** copies Sunday's program into tomorrow so that you can make the CM67 follow the Sunday program if you have a day off during the week
- **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 CM67 to display the outside temperature
- **Remote Temperature Sensor** (optional accessory) can be fitted to the CM67 to control the temperature from another room

What is Optimum Start?

Instead of switching on the heating at the set time every day, the CM67 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 by which you want to be warm and CM67 will then decide when to turn the heating on, thereby ensuring your comfort (not available on T6667B1069)

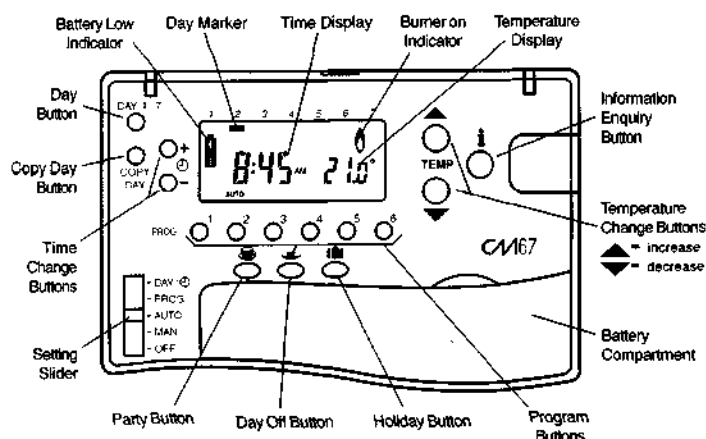
How do I install the batteries?

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.



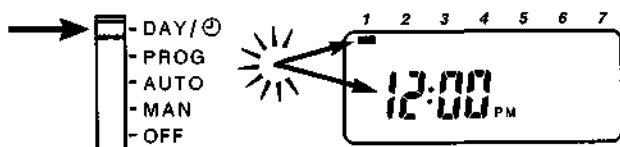
CM67 Controls/Display Layout

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



How do I set the time and day?

1. Move the slider to **DAY / ☉**. The time and day marker will flash to indicate they can be changed.



2. Press **☉** + or - until the correct time is displayed. Make sure that **AM** or **PM** is correct. Each button press will change the time by one minute and stop the display from flashing. Holding the button down for a few seconds will change the time slowly at first, then quickly.
3. Press **DAY 1..7** until the day marker is positioned under the correct day (**DAY 1** is Monday). Each button press moves the day marker by one day.

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

Move the slider to **AUTO**.

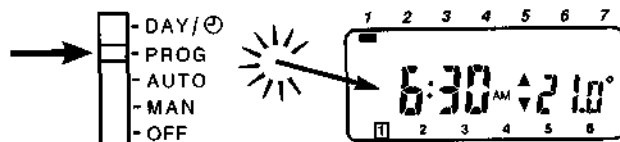
The CM67 will now control your heating using the built-in temperature program:-

	Monday to Friday					
Program	1	2	3	4	5	6
Time	06:30	08:00	12:00	2:00	6:00	10:30
Temperature	21°C	18°C	21°C	18°C	21°C	16°C

	Saturday and Sunday					
Program	1	2	3	4	5	6
Time	08:00	10:00	12:00	2:00	6:00	11:00
Temperature	21°C	21°C	21°C	21°C	21°C	16°C

How do I set my own temperature program for each day of the week?

1. Move the slider to **PROG**. The first temperature change time and setpoint for Monday will flash to indicate that 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 on the next 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 the **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 change time and temperature level for Monday. Use **☉** + or - and **TEMP ▲** or **▼** to change the time and temperature.
5. The remaining temperature changes for Monday 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?").

You now have a choice to set the program for the next day:-

- 6a. Press **COPY DAY** to copy Monday's program into Tuesday. To set several days of the week to the same program, press **COPY DAY** repeatedly.
- 6b. Press **DAY 1..7** to move the day marker to Tuesday (Day 2). The program for Tuesday can then be set as described in steps 2 to 5. Programs for Wednesday (Day 3) to Sunday (Day 7) can be set in the same way, using **DAY 1..7**.
7. Move the slider to **AUTO** when you have completed steps 6a or 6b. The CM67 will now control the room temperature at the times and temperatures you have set.

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. With the slider in the **PROG** position, 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, with the slider in the **PROG** position.

Can I change the programmed temperature for a short time?

When the slider is in **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 **■** 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, move the slider to **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 having some friends round for tea/coffee. How can I extend my heating program for a few hours?

When the slider is in **AUTO**, the temperature can be adjusted temporarily by pressing the **☼** (**PARTY**) button. Set the party time (1 - 23 hours) by pressing **⊕** + or **-**. Set the party temperature (5°C - 30°C) by pressing **TEMP ▲** or **▼**. The CM67 will control to the new temperature for the set number of hours and then go back to the normal temperature program.

To cancel the **PARTY** setting, press **☼** a second time.

The **☼** button can also be used when you go out and want to reduce the temperature for a few hours to save energy.

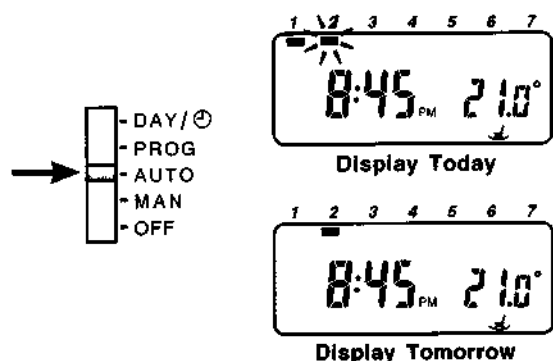
I have a day off work tomorrow and I am staying at home, do I have to re-program the CM67?

No, with one button press, the CM67 will remember that tomorrow is a day off. Tomorrow, the CM67 will control the temperature using Sunday's program.

When the slider is in **AUTO**, press **☼** (**DAY OFF**). A **☼** symbol will appear and the day marker for tomorrow will flash. This indicates that the Sunday temperature program will be followed tomorrow. Tomorrow the **☼** symbol will still appear but without the flashing day marker. The CM67 will control tomorrow's temperatures using Sunday's program.

To cancel tomorrow's **DAY OFF**, press **☼** twice.

If you have 2 or more days off, press **☼** each night before going to bed.



If you have a **DAY OFF** today and want to control the temperature using Sunday's program press **☼** twice.

To cancel any **DAY OFF** setting, press **☼** repeatedly until the **☼** symbol disappears.

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. Move the slider to the operating position you require on returning from holiday (**AUTO** or **MAN**)
2. Press **☼** (**HOLIDAY**) to display the holiday days counter and temperature.
3. Press **⊕** + or **-** to set the holiday time (1 - 99 days). An extra flashing day marker shows you the holiday return day.
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** position.

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

How can I switch the CM67 off?

Move the slider to **OFF**. 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 I know when the batteries need to be changed and how do I do this?

Your CM67 has built-in electronics that constantly monitor the battery power level. With no other accessories fitted and 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 (Duracell are recommended) and push the battery compartment firmly back into the front of the unit.

RESPECT YOUR ENVIRONMENT!

Take care to dispose of used batteries carefully.

The CM67 has a permanent memory to keep your program settings, while you change the batteries, you should never need to reprogram. However, if you take more than one minute to change them, you may need to correct the time by moving the slider to **DAY / ☼** and using the **⊕** + or **-**.

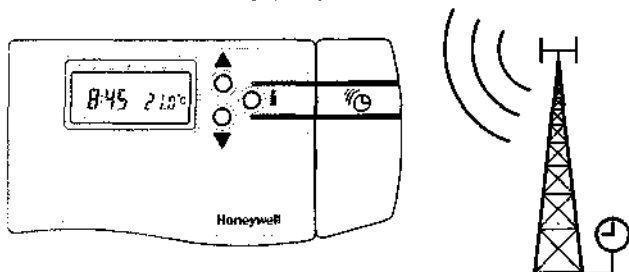
Can I use CM67 to control my air-conditioning system?

Yes. Please refer to your installer for more information.

What other accessories can I buy that work with the CM67?

Honeywell provides other accessories and "Add-On" modules that can be used with your CM67, ask your installer for details :

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

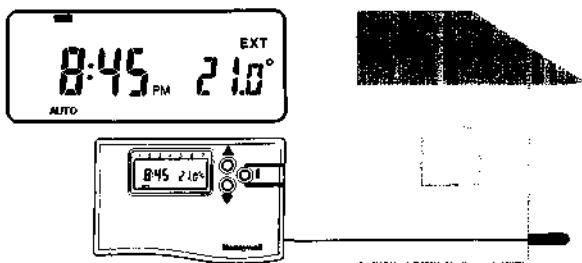


The ATS module picks up a daily time signal from a transmitter in the UK and corrects the time on the CM67 display. So:

- 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 CM67 is the most accurate clock in your home so you can use this information to set-up all your other clocks.

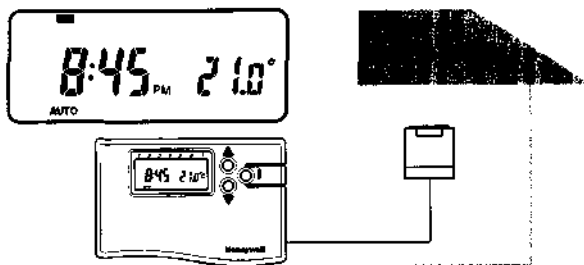
* Not available in all Geographic Regions depending on transmitter range and home location

2. Outside Temperature Sensor Accessory



The Outside Temperature Sensor accessory can be fitted to your CM67 to display the outside temperature. By pressing the **i** twice, the CM67 displays the external temperature.

3. Remote Temperature Sensor Accessory



The Remote Temperature Sensor accessory can be fitted to your CM67 to control the temperature of another room where it is inconvenient to locate the CM67 e.g. commercial premises where the public may adjust buttons.

What if something happens to my heating system? How can I check that the CM67 is working?

See the troubleshooting guide below. If you need assistance after this, call your Heating Installer. The CM67 should only be opened or removed by a qualified professional to prevent possible injury from electric shock.

Trouble-Shooting Guide

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	Move the slider MAN and press TEMP  to increase the temperature a few degrees above the current room temperature. The heating should come on after a few seconds.
	CM67 not connected to boiler properly	Call installer to check electrical connection between the CM67 and the boiler
Heating switches ON/OFF too slowly or quickly	CM67 not set correctly for your system	Call installer
Temperature swings between too hot and too cold	CM67 not set correctly for your system	Call installer
Display shows  symbol	Fault in the CM67	Remove battery cartridge and re-insert. If the  symbol does not clear itself in a few minutes call the installer

Warning.

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UK patent application number 98062207.8

UK registered design numbers 2073334, 2073340 and 2073343.

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