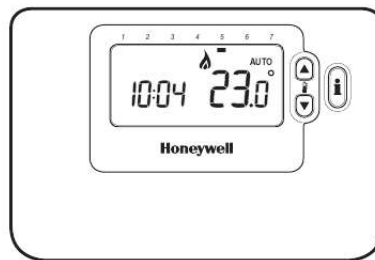




Your PDF Guides

You can read the recommendations in the user guide, the technical guide or the installation guide for HONEYWELL CM701. You'll find the answers to all your questions on the HONEYWELL CM701 in the user manual (information, specifications, safety advice, size, accessories, etc.). Detailed instructions for use are in the User's Guide.

User manual HONEYWELL CM701
User guide HONEYWELL CM701
Operating instructions HONEYWELL CM701
Instructions for use HONEYWELL CM701
Instruction manual HONEYWELL CM701



[You're reading an excerpt. Click here to read official HONEYWELL CM701 user guide](http://yourpdfguides.com/dref/2938255)
<http://yourpdfguides.com/dref/2938255>

Manual abstract:

.....
.....
.....
.....

....2-6 CM707.....

.....
.....
.....

.....7-11 USER GUIDE CM701 - USER GUIDE Description The Honeywell CM701 is a programmable room thermostat designed to control your heating system efficiently, providing comfortable temperatures when you are at

home and energy savings when you are away. The following instructions explain how to program and use the thermostat to provide the most home comfort at the least cost.

Features · Ergonomic user interface featuring an 'OK-button' · Large LCD (Liquid Crystal Display) Screen with backlight · 4 independent temperature levels (from 5°C to 35°C) · Automatic Summer/Winter Time Change

· Optimum Start to achieve the right temperature at the right time · Built-in Memory holds the user program indefinitely

Controls Layout 1 2 3 4 5 6 CM70 14 13 DATE AUTO 7 AUTO 12 PROGRAM ..4 MAN OFF 8 9 11 10 1 2 3 4 5 LCD.Screen Battery.Low Indicator Time.Display Burner.On.Indicator Temperature.Display 6 7 8 9 10 Temperature.

Change Buttons Temperature Enquiry Button Operating Mode Buttons Green OK Button Battery Compartment 11 12 13 14 Battery Cover Program Buttons Time Change Buttons Set Date Button SETTING-UP THE CM701 'Getting Started' This section shows you how to setup and run the thermostat in 3 simple steps: STEP 1: Installing the Batteries Note: Please follow the instructions in this section only if the thermostat screen is blank (no symbols or digits are displayed).

If the room temperature is already displayed move on to Step 2: Setting the Date and Time. To install the Batteries: a. Lift up the front cover of the thermostat to reveal the battery cover and product controls. b. Remove the battery cover by pressing down and sliding out. c. Insert the 2 x AA LR6 Alkaline Batteries supplied with the thermostat, ensuring the correct orientation (see 'Controls Layout' on page 2). d. After a short pause the thermostat will display information on the screen and is now ready for use. e.

Replace the battery cover by sliding it firmly back into the front of the thermostat. STEP 2: Setting the Date and Time To set the Date and Time: a. Press the

DATE button to begin setting the date. When you set the date for the first time after the batteries are inserted, the display will show: Press the . . or. buttons to set the current day of the month (e.g. d 01 = 1st day of the month) then press the green button to confirm. b.

Press the . . or. buttons to set the current month of the year (e.g. m 01 = January) then press the green button to confirm. c. Press the . . or. @@ The date is now stored. d. @@. @@@@ The Built-in Heating Program PROGRAMMING THE CM701 The built-in

heating program has 4 temperature level changes that can be set between 3.00am and 2.50am the following day, allowing you to maintain the evening temperature after midnight.

· Each temperature level can be set between 5°C and 35°C, and adjusted in 0.5°C increments. The factory default program for heating is as follows. Period Time Temperature. 1 6:30.

21°C. 2 8:00. 18°C. 3 18:00. 21°C. 4 22:30 16°C Reviewing the Heating Program To review or edit the heating program use the PROGRAM. the 4 individual programming periods. or. buttons to navigate between. Modifying the Heating Program To change the heating program: a. Press

either of the PROGRAM. or. buttons to enter the programming mode. The time/temperature settings for

period . . will be flashing as shown.. The.

active period is highlighted by a flashing square around the numbers at the bottom of the screen. 4 b. To adjust the period start time use the . . or.

. buttons, the display will stop flashing and the 'OK?' indicator will be displayed. Holding the button down will change the time quickly. . @@ button to confirm button to move .

or . . Note: If the original time setting did not require adjustment press the green to step 'd'. c.. Once the required time is reached press the green. . d.. The temperature setting for period . will now be flashing.. To adjust.

this press the . buttons and confirm the setting again by pressing the green. . button. e.. The next time and temperature period will now be active.. Adjust.

this by repeating steps b. - d. above until all 4 periods are set or press the AUTO button to run the program as set, at any time. Disabling / Enabling Time Periods The thermostat has.

4 periods that can be programmed, but you may not need all of these switch points for your heating requirements. Therefore, any period from 2 to 4 can be.

removed from (or returned to) the heating program profile. To disable or enable time periods: a. . To disable unwanted periods go to the desired period (.to. 4).. using the PROGRAM . or .

@@ Press and hold the @@ been removed from the program. b. . @@ period.. To enable this period again press and.

hold the . button for at least 2 seconds. 4 OPERATING THE CM701 Choosing the Operating Mode 'Using the Features' The.

thermostat can operate in three different modes: Automatic, Manual or Off.. To set the operating mode press either of the AUTO, MAN or OFF buttons.. The screen indicates which mode is currently active by displaying AUTO, MAN or OFF. . AUTO (automatic) mode sets the thermostat to follow the built-in temperature program (default or personalised).. Operating the thermostat in this mode.

is the best way to maintain a high level of temperature comfort whilst maximising your energy savings. . MAN (manual) mode sets the thermostat to act as a simple thermostat with.

a fixed setpoint throughout the day.. The setpoint can be adjusted from 5°C to 35°C by using the . or . buttons.. The thermostat will continue to.

maintain this temperature until another operating mode or temperature is selected. . OFF mode sets the thermostat to control to a minimum temperature setting of 5°C (default) that acts as.

a.frost.protection.measure.for.your.home. During Normal Operation . Temperature Enquiry . In.
AUTO., MAN and. OFF operating. modes. the.
thermostat. will. display. the. current.
room. temperature.. To. review. the. programmed. 'target'. temperature. (the.

temperature. which. the. thermostat. is. trying. to. maintain). press. the.
. button.. This. 'target'.
temperature. value. will. be. displayed.
flashing.for.5.seconds.before.returning.to.the.current.room.

temperature.value.. During.normal.operation.(AUTO.mode),the.programmed.
temperature.can.be.adjusted.manually.
by.pressing.the. . .
or. .buttons.or.the. .button..The. 'target'.

temperature.will.be.displayed.and. flash.for.5.seconds.-.
during.this.time.the. .
.or. .buttons.can.

be.used.to.modify.the.set.value.. Note: This temperature override is cancelled at the next programmed temperature change. .

Temperature Override . Adjusting the Time To.adjust.only.the.time.during.normal.operation.use.
the. .or. .
buttons.to.adjust.the.time.
and. press.the.green. .button.again.to.confirm.any.

changes. 'Using the Features'. Using the Special Features . Display Backlight OPERATING THE CM701

TheCM701hasabacklightdisplaythatwillilluminatewhenabuttonispressedforeasierviewing ofthedisplayinlowlightconditions. . SERVICE indicator 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 'SERVICE' indicator will remain on the display of the CM701 until it is either reset or
disabled by your installer. The CM701 and heating system will continue to operate as normal.



[You're reading an excerpt. Click here to read official HONEYWELL
CM701 user guide
http://yourpdfguides.com/dref/2938255](http://yourpdfguides.com/dref/2938255)

. Automatic Summer/Winter Time Change The CM701 has a built-in Automatic Summer/Winter Time Change feature that will automatically adjust the clock forward or backward by one hour for Daylight Saving Time'. This is carried out on the last Sunday of March and October each year. . Optimum Start

Optimum Start is a program which ensures that the optimum temperature conditions are achieved at the required times. This is an Energy Efficiency feature that adjusts the start time of your heating system depending upon how cold it is. For example, on cold days your heating system will be started earlier to ensure that your home is warm when you get up (at the target temperature) and on warmer days the heating system will be started later to save energy. So, if the Optimum Start Feature is used, then the time/temperature settings which are entered into the thermostat should be set to when you want to be warm by and not when you want the heating system to start. TROUBLESHOOTING THE CM701 Symptom

Blank Display.
(Power Loss). Remedy Check batteries are installed by removing the battery.

cover. Check batteries have been installed in the correct orientation.
Replace the batteries. Display shows flashing symbol. Display shows .
The batteries in the thermostat are low on power. -.

Replace the batteries. A fault has occurred in your heating system. Remove and re-insert the batteries. If the . symbol does not clear after a few minutes contact your

installer. Display shows the word 'SERVICE' Your installer has set a scheduled maintenance alert period on your CM701 as a recommendation that your heating system should receive a routine inspection. Call your installer to arrange a maintenance visit. Note: The CM701 and heating system will continue to operate as normal. . symbol.

FAQ's How do I change the batteries on the thermostat when they run out? The thermostat constantly monitors the battery power level, which typically lasts for about 2 years before needing replacement. When

the power is running low a flashing . symbol will be displayed on the screen.
. To change the batteries.
@@ on page 3), replacing the used batteries with new ones.

in Step c. Note: While changing the batteries your program settings will be stored but you may need to adjust. @@ operate as a simple thermostat with one temperature throughout.

the day, select the manual operating mode by pressing the MAN button. Adjust the temperature by pressing the . or . buttons. -, this can be set anywhere.

from 5°C to 35°C in 0.5°C steps. The thermostat will continue to maintain this temperature until another operating mode is @@ Honeywell CM707 is a programmable room thermostat designed

to control your heating system efficiently, providing comfortable temperatures when you are at home and energy savings when you are away. The following instructions explain how to program and

use the thermostat to provide the most home comfort at the least cost. Features . Ergonomic user interface featuring an 'OK-button'. . Large LCD (Liquid Crystal Display) Screen with backlight. .

7-day heating program to match your lifestyle, whilst maximising energy savings. . 4 independent temperature levels per day (from 5°C to 35°C). . Holiday button saves energy by letting you

reduce the temperature for 1 to 99 days. . Automatic Summer/Winter Time Change. . Optimum Start to achieve the right temperature at the right time. . Built-in Memory holds the

user.program.indefinitely. Controls Layout 17 1 2 3 4 5 6 7 C(Day. 1). will. be. flashing.as.shown.
.The.active.period.is.
highlighted.by.a.flashing.square.
around.the.numbers.at.the.bottom.of.the.screen.and.

the.selected.day.is.shown.with.the.day.indicator. 1 2 3 4 5 6 7 4 b.
. To.adjust.the.period.
start.time.use.the. .
.or. .buttons,.the. 'OK?'.indicator.will.be.displayed.

to. @@. @@.button.to.confirm. @@Once.the.required.time.
is.reached.press.the.green.
.d.. The.temperature.
setting.for.period. .on.Monday.(Day.1).will.now.

be.flashing..To.adjust.this. .button. press.the.
. .or. .buttons.
and.confirm.the.setting.again.
by.pressing.the.green. e.. @@@@set,.at.any.time.

@@@@@day.to.copy.the.program.to..To.accept.this.
day.press.the.green. .
button..To.select.a.
different.target.day.press.the.DATE/DAY.button.until.the.'flashing'.

day.indicator.is.under.the.required. @@@@. . @@@@@@@@@@ (or.returned.
to).the.heating.program.profile.
To.disable.or.enable.time.periods:a.. To.disable.unwanted.
periods.go.to.the.desired.period.(.to.4).

using.the.PROGRAM. .or. . @@Press.and.hold.the.
@@been.removed.from.the.program.
b.. @@period..To.
enable.this.period.again.press.and.hold.the. @@mode. press.

either.of.the.AUTO,. MAN.or.OFF.buttons.. The.screen.indicates.
which.mode.is.currently.active.
by.displaying.AUTO,.MAN.or.OFF.
. AUTO (automatic).mode.sets.the.thermostat.to.follow.the.built-in.

temperature.program.(default.or.personalised)..Operating.the.thermostat.in.
this.mode.is.the.best.
way.to.maintain.a.high.
level.of.temperature.comfort.whilst.maximising.your.energy.savings. .

MAN (manual).mode.sets.the.thermostat.to.act.as.a.simple.
thermostat.with.a.fixed.setpoint.
throughout.the.day.. The.
setpoint.can.be.adjusted.from.5°C.to.35°C.by.using.

the. . .or. . buttons..The.thermostat.will.
continue.to.maintain.this.temperature.
until.another.operating.mode.or.
temperature.is.selected. . OFF.mode.sets.the.thermostat.to.

control.to.a.minimum.temperature.setting.of.5°C.(default).that.
acts.as.a.frost.protection.
measure.for.your.home. 'Using the Features'.

During Normal Operation . Temperature Enquiry . OPERATING THE CM707 In. AUTO,. MAN and. OFF operating. modes. the. thermostat. will.

display.the.current.room.temperature..To.review.the.programmed.
'target'.temperature.(the.temperature.which.
the.thermostat.is.trying.to.
maintain).press.the. .button..This.'target'.temperature.value.

will.be.displayed.flashing.for.5.seconds.before.returning.to.

the current room temperature value.
. During normal operation (AUTO mode), the programmed temperature can be adjusted manually by pressing.

the . . . or . buttons or the . button.
. The 'target' temperature will be displayed and flash for 5 seconds - during this time the . . . or

. buttons can be used to modify the set value.

. Note: This temperature override is cancelled at the next programmed temperature change. . Temperature Override . Adjusting the Time To adjust only the time during normal operation use the or button to adjust the time and press the green button again to confirm any changes. Using the Special Functions . HOLIDAY Function . The holiday function allows you to set a constant temperature (default = 10°C).

for a specified number of days (from 1 - 99 days). This lets you save energy and related costs when you are away from home, but resumes normal operation

on the day of your return. To set the Holiday function:
a. Ensure the thermostat is running in AUTO or MAN operating modes. b. Press the holiday . button to display

the holiday days counter and temperature setting, along with the holiday indicator. . c.
Press the . . or . time buttons to set the holiday time (1 -

99 days) and press the green . button to confirm. . d. Press the . . or . buttons

to set the holiday temperature (5°C - 35°C) and press

the green . button to confirm. The thermostat will now control to the new temperature for the set number of days that your home is vacant. At midnight the

holiday counter will be reduced by one until the selected number of days have passed. The thermostat will then return to normal operation as set by the MAN or AUTO mode.

. To cancel the HOLIDAY function or to exit the function at any time press the . button a second

time. PROGRAMMING THE CM707 Using the Special Features .



[You're reading an excerpt. Click here to read official HONEYWELL CM701 user guide](http://yourpdfguides.com/dref/2938255)
<http://yourpdfguides.com/dref/2938255>

Display Backlight 'Using the Features' The CM707 has a backlit display that will illuminate when a button is pressed for ease of viewing of the display in low light conditions. . SERVICE indicator (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 'SERVICE' indicator will remain on the display of the CM707 until it is either reset or disabled by your installer. The CM707 and heating system will continue to operate as normal. .

Automatic Summer/Winter Time Change The CM707 has a built-in Automatic Summer/Winter Time Change feature that will automatically adjust the clock forward or backward by one hour for 'Daylight Saving Time'. This is carried out on the last Sunday of March and October each year. . Optimum Start

Optimum Start is a program which ensures that the optimum temperature conditions are achieved at the required times. This is an Energy Efficiency feature that adjusts the start time of your heating system depending upon how cold it is. For example, on cold days your heating system will be started earlier to ensure that your home is warm when you get up (at the target temperature) and on warmer days the heating system will be started later to save energy. So, if the Optimum Start Feature is used, then the time/temperature settings which are entered into the thermostat should be set when you want to be warm by and not when you want the heating system to start. TROUBLESHOOTING THE CM707 Symptom

Blank Display. (Power Loss). Remedy Check batteries are installed by removing the battery cover. Check batteries have been installed in the correct orientation. Replace.

the batteries. Display shows flashing symbol. Display shows. . The batteries in the thermostat are low on power. - Replace the batteries. A fault has occurred in your heating system.

. Remove and re-insert the batteries. If the . symbol does not clear after a few minutes, contact your installer.

Display shows the word 'SERVICE' Your installer has set a scheduled maintenance alert period on your CM707 as a recommendation that your heating system should receive a routine inspection. Call your installer to arrange a maintenance visit. Note: The CM707 and heating system will continue to operate as normal. . symbol. FAQ's How do I change the batteries on the thermostat when they run out? The.

thermostat constantly monitors the battery power level, which typically lasts for about 2 years before needing replaced. When the power is running low a flashing . symbol will be

displayed on the screen. To change the batteries. @@ on page 3), replacing the used batteries with new ones in Step. c.. Note: While changing the batteries, your program

settings will be stored but you may need to adjust operate as a simple thermostat with one temperature throughout the day, select the manual operating mode by pressing the MAN

button. Adjust the temperature by pressing the . . or . buttons. - this can be set anywhere from 5°C to 35°C in 0.5°C steps. The thermostat

will continue to maintain this temperature until another operating mode is selected or the temperature

is adjusted. 4 WHAT IS A PROGRAMMABLE ROOM THERMOSTAT? ...

an explanation for householders A programmable room thermostat is both a programmer and a room thermostat. A programmer allows you to set 'On' and 'Off' time periods to suit your own lifestyle. A room thermostat works by sensing the air temperature, switching on the heating when the air temperature falls below the thermostat setting, and switching it off once this set temperature has been reached.

@@@@@@ If your heating system is a boiler with radiators, there will usually be only one programmable room thermostat to control the whole house. But you can have different temperatures in individual rooms by installing thermostat radiator valves (TRVs) on individual radiators. If you don't have TRVs, you should choose a temperature that is reasonable for the whole house. If you do have TRVs, you

can choose as light a higher setting to make sure that even the coldest room is comfortable, then prevent any overheating in other rooms by adjusting the TRVs. The time on the programmer must be correct. Some types have to be adjusted in spring and autumn at the changes between Greenwich Mean Time and British Summer Time. You may be able to temporarily adjust the heating programme, for example, 'Override', 'Advance' or 'Boost'.

These are explained in the manufacturer's instructions. Programmable room thermostats need a free flow of air to sense the temperature, so they must not be covered by curtains or blocked by furniture. Nearby electric fires, televisions, wall or table lamps may prevent the thermostat from working properly.

*Manufactured for and on behalf of the Environment and Combustion Controls Division of Honeywell Technologies Sàrl, Ecublens, Route du Bois 37, Switzerland by its Authorised Representative Honeywell International Inc. Honeywell Control Systems Ltd. Arlington Business Park, Bracknell Berkshire RG12 1EB
Technical Help Desk: 0845 767 8999 www.honeywelluk.com 42010941-007.R1 ©.2006.
Honeywell International Inc. .*



[You're reading an excerpt. Click here to read official HONEYWELL
CM701 user guide](#)

<http://yourpdfguides.com/dref/2938255>