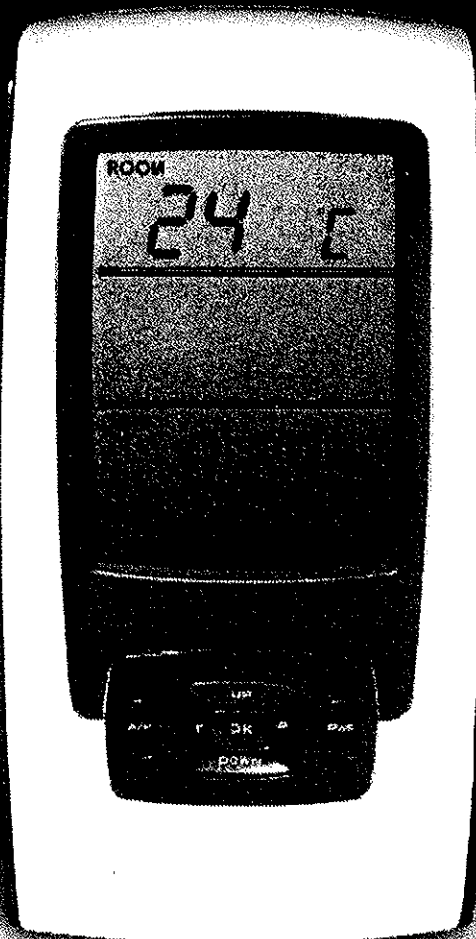


7000 Series Thermostat

User Manual



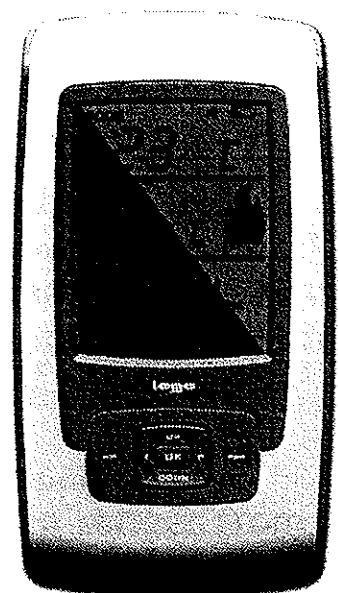
- The largest and clearest displays on the market today
- Radio frequency controlled
- Intuitive programming



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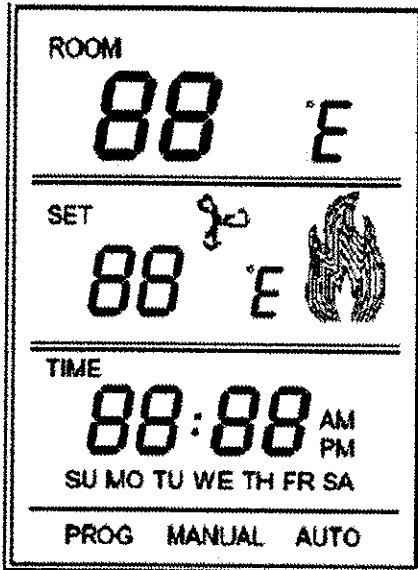
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Battery type: 2 x AA batteries
Battery Life: approximately 12 months
Transmission frequency: 433.92 MHz
Dimensions: 140mm x 80mm x 20mm



Thermostat LCD

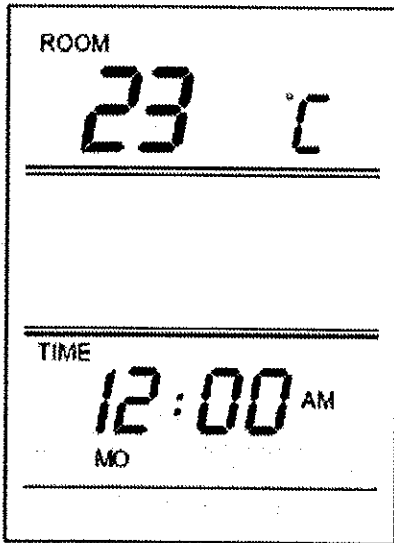
Full Display



LCD display features:

- Time of day with AM or PM display;
- Day of the week;
- Temperature with ROOM or SET display;
- System status indicator;
- Transmit indicator;
- Battery low indicator;
- Programming mode indicator;
- Manual mode indicator;
- Automatic mode indicator;
- Flame indicator;
- Fan indicator

Initial Display

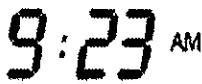











Initial Display:

The display when the thermostat is initially turned on or when batteries are replaced shows:






- Current room temperature;
- Default clock display;
- Default day of the week display

Features



Feature	Symbol	Description
Time of day		Displays time of the day in hours and minutes, AM or PM. The time is displayed when the thermostat is on or off
Day of week		Displays the current day of the week. The day is displayed when the thermostat is on or off
Temperature display		Displays the current temperature. C° is the default but F° is available. The temperature range is 7 °C - 32 °C
Room or set indicator		When the thermostat is on, the programmed (set) temperature will be displayed. When the thermostat is off, only the room temperature will be displayed
Transmit Indicator		Indicates that the thermostat is transmitting to the receiver, the symbol will appear on the LCD for 1 second
Battery Low Indicator		Indicates that battery power is below an acceptable level. The symbol will flash to indicate that the batteries need replacing. The thermostat will remain functional for approximately another 5 days before shutting off
Programming Mode Indication		Indicates that the thermostat is in programming mode
Automatic / Manual mode indication		Indicates whether the thermostat is in manual or automatic mode
Flame Indicator		Indicates the flame height <i>Basic model:</i> the flame will be on or off <i>Advanced model:</i> the flame ranges from off (no symbol) to 7 graduated flame settings
Fan indicator		Indicates the fan speed <i>Basic model:</i> no fan indicator <i>Advanced model:</i> The fan ranges from off (no symbol) to graduated settings 1, 2, 3

Functions

Button functions

Button		Function	Description
<i>PWR</i>		On / Off	Switches the thermostat on and off. If the thermostat is off, pressing and releasing the <i>PWR</i> button will turn the thermostat on to the most recently selected working mode
<i>A/M</i>		Automatic / Manual	Toggles between automatic and manual mode
<i>OK</i>		Enter	Accepts the current function and advances to the next function
<i>UP</i>			Increment hours, minutes, day or temperature
<i>DOWN</i>			Decrement hours, minutes, day or temperature

Programming button functions

<i>T</i>		Time	Initiates time and day of the week programming (must press and hold for 2 or more seconds when the thermostat is off)
<i>P</i>		Program	Initiates the programming mode (must press and hold for 2 or more seconds when the thermostat is off)

Initial Setup

On/Off

Press and release the 'PWR' button. If the thermostat is off, pressing and releasing 'PWR' will turn the thermostat on to the most recently selected working mode.

Setting the day of the week and time

With the thermostat off, press and hold the 'T' button for 2 seconds or longer to initiate programming the time. *Time*, the *hour setting* and *AM/PM* will flash.

Setting the hour function

Press and release the 'UP' or 'DOWN' button to increase or decrease the hour setting by 1 hour.

Press and hold the 'UP' or 'DOWN' button for 2 seconds or longer to increase or decrease the hour setting by 1 hour every 0.5 seconds.

Press 'OK' to accept and select the minute.

Setting the minute function

Press and release, or press and hold the 'UP' or 'DOWN' button to increase or decrease the minute setting by 1 minute similarly to the hour setting.

Press 'OK' to accept and select the day of the week.

Setting the day of the week function

Press and release the 'UP' or 'DOWN' button to change the day of the week to the following or previous day. Press and hold the 'UP' or 'DOWN' button for 2 seconds or longer to increase or decrease the day of the week by 1 day every 0.5 seconds.

Press 'OK' to complete setting.

The time and day of the week is now set.

Manual mode

The *manual* mode allows setting the temperature at any level.

Manual mode does not require that the time and day of the week are set.

Flame height and fan speed

The flame height and fan speed are not manually adjustable. The flame height and fan speed are set by the thermostat according to the difference between the set temperature and the current temperature.

Basic model: the flame will be on or off. Note that the fan function is not available.

Advanced model: when the desired room temperature is achieved, the flame will drop back to low.

With the thermostat on, press and release the 'A/M' button until the word *MANUAL* appears on the LCD.

Adjusting the temperature

In *manual* mode, adjust the set temperature by pressing and releasing the 'UP' and 'DOWN' buttons. Press and hold the 'UP' and 'DOWN' buttons to increase or decrease the temperature by 1°C every 0.5 seconds.

Automatic mode

The *automatic* mode allows the temperature to be regulated according to a programmed level and time.

With the thermostat on, press and release the 'A/M' button until the word *AUTO* appears on the LCD.

To correctly operate in *automatic* mode, the time and day of the week must be set.

The thermostat will now operate according to the program set for the current time period. Programming instructions are found on page 7.

Manually overriding the set program

At any time, the temperature or fan speed may be adjusted up or down similarly to operating in *manual* mode. However, whenever the thermostat changes to a new time period, the temperature will be set automatically according to that period's setting.

Programming

Each day of the week can be programmed individually for 4 periods P1, P2, P3 and P4, making a total of 28 programmed periods.

Alternatively, a weekday program can be set, so the same program is used for Monday-Friday. Similarly, a weekend program can be set for Saturday-Sunday. The entire week can also have the same program.

Alternatively, a weekday or weekend program can be set with individual programs for the remaining days.

The suggested period settings for each day/s are:

- Period 1 - morning
- Period 2 - daytime
- Period 3 - evening
- Period 4 - night-time

To begin programming

With the thermostat off, press and hold the 'P' button for 2 seconds or longer to initiate programming. The LCD will display **PROG, Pd** and the time at which the thermostat is currently set. **MO** will flash.

Period 1 can now be set.

Setting the day of the week

You must choose which day/s of the week you wish to program. Press and release the 'UP' or 'DOWN' button to change the day of the week to the following or previous day. Press and hold the 'UP' or 'DOWN' button for 2 seconds or longer to increase or decrease the day of the week by 1 day every 0.5 seconds.

The order that you can scroll through the days is as follows:

MO → TU → WE → TH → FR → MO TU WE TH FR → SA → SU → SU SA → MO TU WE TH FR SA SU

To accept the selected day/s of the week press 'OK'.

Setting the period starting time

The hour and AM/PM settings will now flash. To set the P1 starting time, press and release the 'UP' or 'DOWN' button to increase or decrease the hour setting. Press and hold the 'UP' or 'DOWN' button for 2 seconds or longer to increase or decrease the hour setting by 1 hour every 0.5 seconds.

The hour function is in 12 hour time, so please ensure that AM/PM is set correctly.

To accept the hour press 'OK'.

The minute setting will now flash. Adjust the minute setting similarly, using 'UP' or 'DOWN' buttons.

To accept the minute press 'OK'.

Setting the temperature

The temperature setting will now flash. Press and release the 'UP' or 'DOWN' button to increase or decrease the temperature setting by 1 °C. Press and hold the 'UP' or 'DOWN' button for 2 seconds or longer to increase or decrease the temperature setting by 1°C every 0.5 seconds. To accept the temperature press 'OK'.

Period 1 is now set for the day/s of the week that you have chosen. The LCD will display **P2** to indicate that Period 2 can now be set for the same day/s of the week.

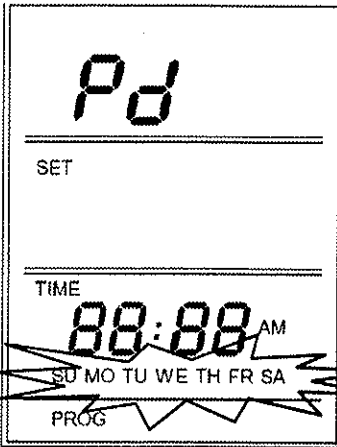
Repeat the programming process for periods 3 and 4.

After program 4 is set, press 'OK' and the program for the selected day/s will be set.

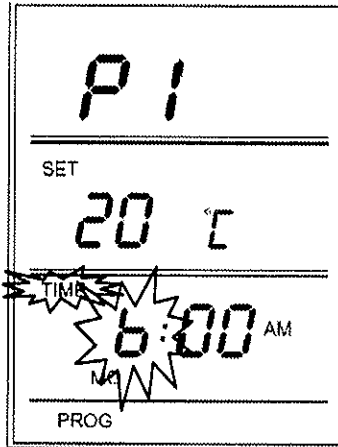
The thermostat will now automatically turn off.

Repeat the programming process for any other periods/days that are required.

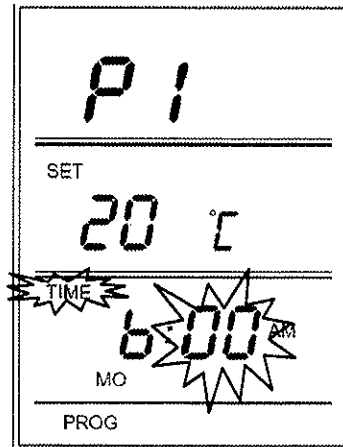
Programming screen displays



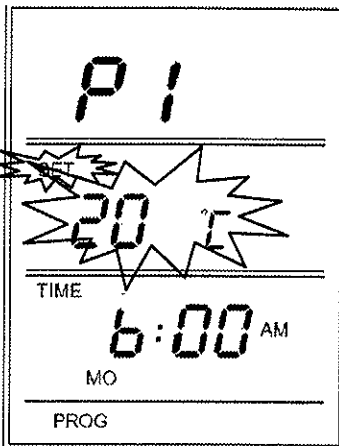
Set period day
Days of the week flash



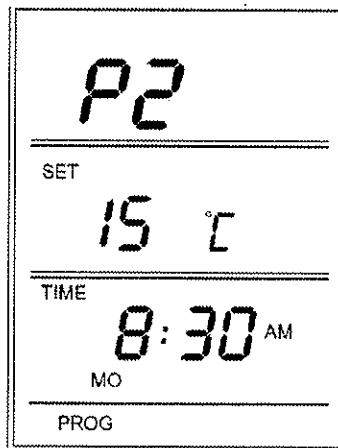
Set hours
Time and hours flash



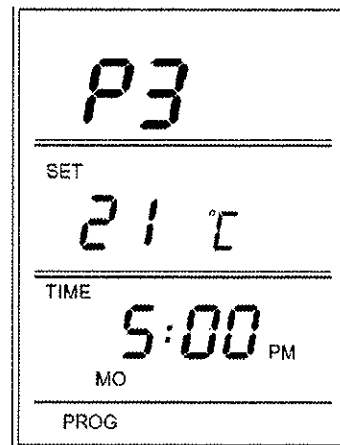
Set minutes
Time and minutes flash



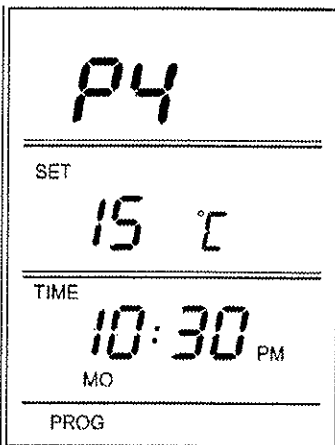
Set temperature
Set and temperature flash



Period 2



Period 3



Program 4

Program mode**Factory default settings**

Time Period	Start Time	Heat Temperature (°C)
Period 1	6.00 am	20 °C
Period 2	8.30 am	15 °C
Period 3	5.00 pm	21 °C
Period 4	10.30 pm	15 °C

Your settings

After programming, record your personal weekday and weekend settings here for future reference.

WEEKDAYS

Time Period	Start Time	Heat Temperature (°C)
Period 1	am	°C
Period 2	am	°C
Period 3	pm	°C
Period 4	pm	°C

WEEKEND

Time Period	Start Time	Heat Temperature (°C)
Period 1	am	°C
Period 2	am	°C
Period 3	pm	°C
Period 4	pm	°C

Settings

Change between °C and °F

The thermostat temperature display can be set to °C or °F. The default is °C.

With the thermostat off, press the following sequence of buttons: 'P', 'T', 'T' again, 'A/M'.

Restore factory default settings

The automatic mode factory default settings can be restored to those found on page 10.

With the thermostat off, press the following sequence of buttons: 'P', 'T', 'T' again, 'DOWN'.

Teaching RF thermostat ID code to control unit

CAUTION: The thermostat has already been programmed with a unique code. Do not attempt to teach the RF Thermostat ID code unless instructed by the manufacturer.

The LCD display will show 'CL' (Code Learn) for 2 seconds then return to the normal OFF state display. During this time a special code will be transmitted by the RF Thermostat to the Control Unit, causing the Control Unit to learn its ID.

With the thermostat off, press the following sequence of buttons: 'P', 'T', 'T' again, 'UP'.

Quick reference table

Function	Action	Page reference
Switch on / off	Press and release the ' <i>PWR</i> ' button	5
Change between manual and automatic mode	Press and release ' <i>A/M</i> ' button	4
Increase / decrease temperature	Press and release ' <i>UP</i> ' or ' <i>DOWN</i> ' button	6
Set the clock and the day of the week	<p>With the thermostat off, press and hold the <i>T</i> button until the time, hour and AM/PM flash.</p> <p>Press and release the '<i>UP</i>' or '<i>DOWN</i>' buttons to increase or decrease the hour setting. Press and hold for the hour to increase or decrease 1 hour every 0.5 seconds.</p> <p>Press '<i>OK</i>' and set the minute setting similarly.</p> <p>Press '<i>OK</i>' and press and release the '<i>UP</i>' or '<i>DOWN</i>' buttons to change the day of the week.</p>	5
Program the thermostat	<p>With the thermostat off, press and hold the '<i>P</i>' button. Program 1 can now be set.</p> <p>To select Monday press '<i>OK</i>', or press and release '<i>UP</i>' or '<i>DOWN</i>' to change the day of the week, or to switch to the weekday or weekend setting.</p> <p>To set the period starting time, set the hour and minute settings similarly to setting the clock.</p> <p>Press '<i>OK</i>'. Press and release the '<i>UP</i>' or '<i>DOWN</i>' buttons to increase or decrease the temperature setting by 1 °C.</p> <p>Press '<i>OK</i>'. Program 2 can now be set.</p> <p>Repeat the programming process for the 4 periods</p>	7, 8, 9

Frequently asked questions

Question	Corrective actions
Fireplace comes on at the wrong time	Check the programmed period start and finish times are correct Check that AM or PM is correctly set
Fireplace comes on at the wrong temperature	Check the programmed period temperature setting is correct Check that °C or °F is correctly specified
The time or day of the week is incorrect	Reset the time and day of the week as was required in the initial set up. See page 5
Factory default settings have been reset	Once the default settings have been reset, the thermostat must be reprogrammed. See page 5 for initial setup and pages 7-9 for programming the automatic mode
The thermostat won't turn on or the display is blank	Check that the batteries are in place correctly Replace the batteries with new batteries and see if the thermostat display appears
The screen back light is not working	The back light will only appear when the thermostat is on