



FireGenie™

REMOTE CONTROL OPERATING INSTRUCTIONS FOR ECS IV SYSTEMS

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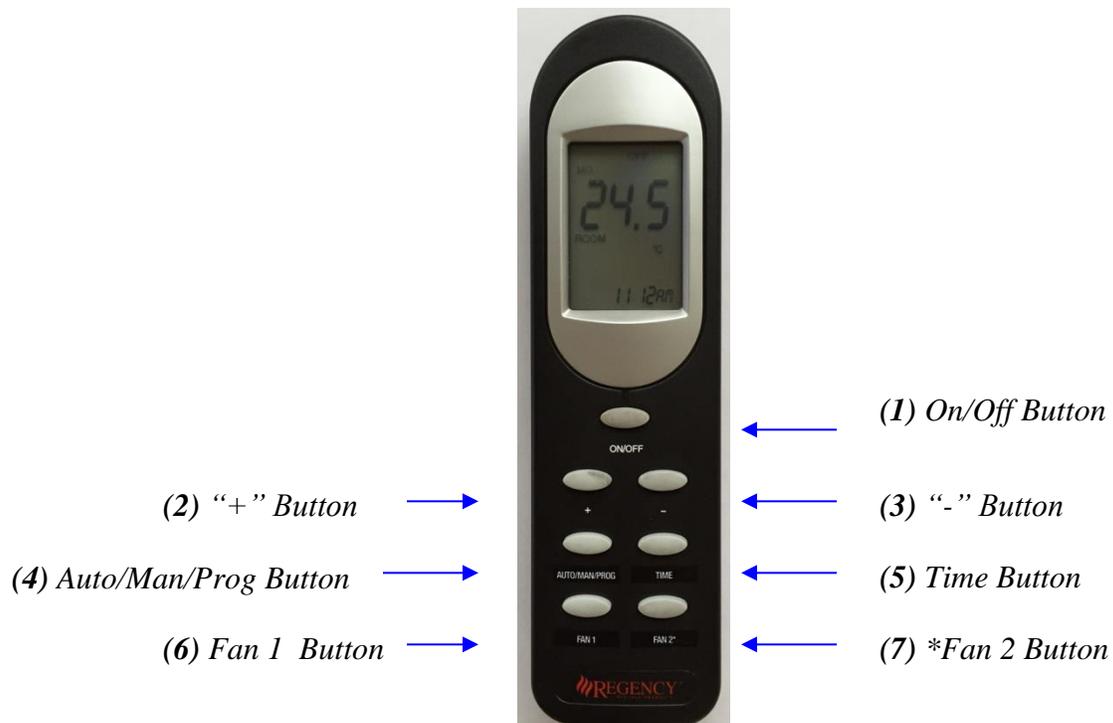
The FireGenie™ Remote Control was developed to provide a user-friendly system to use your appliance. The operating range is approximately 10 metres.

A **Quick Reference Sticker** is available to be placed on the back of your remote control handset. Place the sticker close to the very top of the remote, away from the battery opening and wall mounting bracket.

REMOTE CONTROL KEYPAD

There are 7 push buttons on the Remote Control:

- (1) **ON/OFF** Button: Switches the Remote & Control Box ON or OFF;
- (2) **“+”** Button: This is the *INCREMENT* or *HOUR* button;
- (3) **“-”** Button: This is the *DECREMENT* or *MINUTE* button;
- (4) **AUTO/MAN/PROGRAM** Button: Toggles between *Auto*, *Manual*, and *Program* mode; also used to initiate the programming in Program mode;
- (5) **TIME** Button: Initiates the setting of the *Time and Day*;
- (6) **FAN 1** Button: Changes the speed of the first fan;
- (7) ***FAN 2** Button: Changes the speed of the second fan;

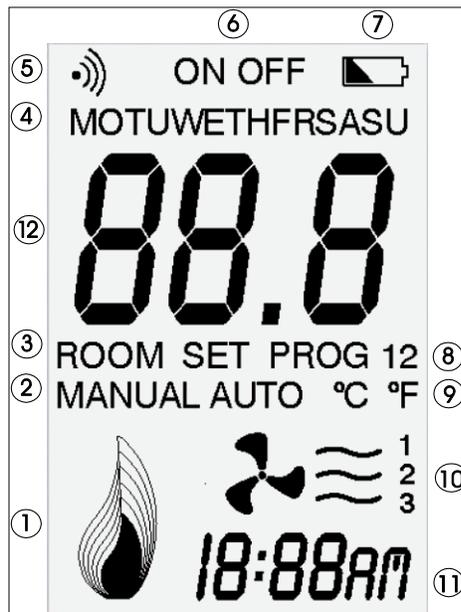


* For models where Fan 2 is fitted.

REMOTE CONTROL SCREEN DISPLAY (LCD)

The LCD provides the following display features:

1. Flame Height Indication (6 different flame heights);
2. “MANUAL” selected and “AUTO” selected indication.
3. “ROOM” or “SET” Temperature Indicator;
4. Day of Week;
5. Transmit Indicator “”;
6. System Status Indicator “ON” or “OFF”;
7. Battery Low Indicator “”
8. “PROG” selected indication. Programmed Mode indication “PROG
1/PROG 2. Fan 1 and Fan 2 selected indication “1/2”.
9. Temperature Display in “°C” or “°F”;
10. Fan Speed Indication (3 different fan speeds);
11. Time of Day with AM, PM;
12. Room Temperature and Set Temperature display.



QUICK REFERENCE OF BASIC FUNCTIONS

For the remote to function it must be turned ON. However when the remote is OFF, the LCD continues to display the current day, time and room temperature.

Switching the Remote ON & OFF

The *On/Off* button is used to switch the Remote ON or OFF.

If the Remote is switched OFF, pressing and releasing the *On/Off* button will switch ON the Remote (and the FireGenie™ Control Box). Once switched ON, the Remote will resume with its last selected operating mode, for example, *Manual*, *Auto* or *Program* mode.

If the Remote is ON, pressing and releasing the ON/OFF button will switch OFF the Remote (and the FireGenie™ Control Box).

Setting Time & Day

Note: The remote needs to be ON in order to set the Time & Day.

Time

Press and hold the “TIME” button for 2 seconds and then use the “+” button to set the hour and use the “-” button to set the minute.

Day

Press the “TIME” button again and use the “+” or “-” button to set the day.

Manual , Auto and Program Mode

Press the “Auto/Man/Prog” button to toggle from Auto, Manual & Program mode. See “Setting the Program Mode” for details on Program Mode.

Manual

In Manual Mode using the “+” or “-” button allows you to adjust the flame height accordingly. There are six different levels of flame settings.

Use the “Fan” buttons to adjust the fan speeds. There are 3 different fan speed settings.

Auto

In Auto Mode using the “+” or “-” button allows you to change the Set Temperature.

Use the “Fan” buttons to adjust the fan speeds. There are 3 different fan speed settings. The default fan speed in Auto will be the lowest speed setting.

Displaying Temperature in Celsius or Fahrenheit

The default setting of the Remote is to display the temperature in Celsius.

However, the Remote can be changed to display temperature in Fahrenheit by the following steps:

1. Ensure the Remote is switched off by using the ***On/Off*** button.
2. Press and hold the “-” button.
3. While the “-” button is held down, press and release the “+” button, this will toggle the temperature display between °C and °F.

This setting is stored in memory hence the Remote will continue to display the temperature in Fahrenheit even if the battery is replaced.

Manual Mode

Manual mode can be selected by pressing and releasing the AUTO/MAN/PROG button until the symbol “MANUAL” is shown on the LCD. In the “MANUAL” mode the Fan speeds and Flame settings can be adjusted independently using the Remote.

Fan Speed Adjustment

The FAN 1 and FAN2 buttons are used to change the select fan’s speed.

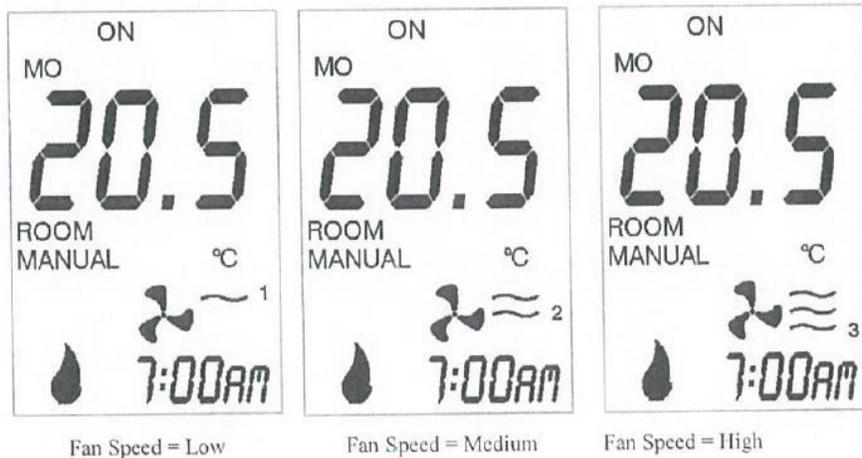
Pressing and releasing the FAN 1 button will change the fan 1’s speed to the next fan speed eg. Low → Med → High → Low.

The FAN 2 button will operate fan 2 in a similar fashion as described above.

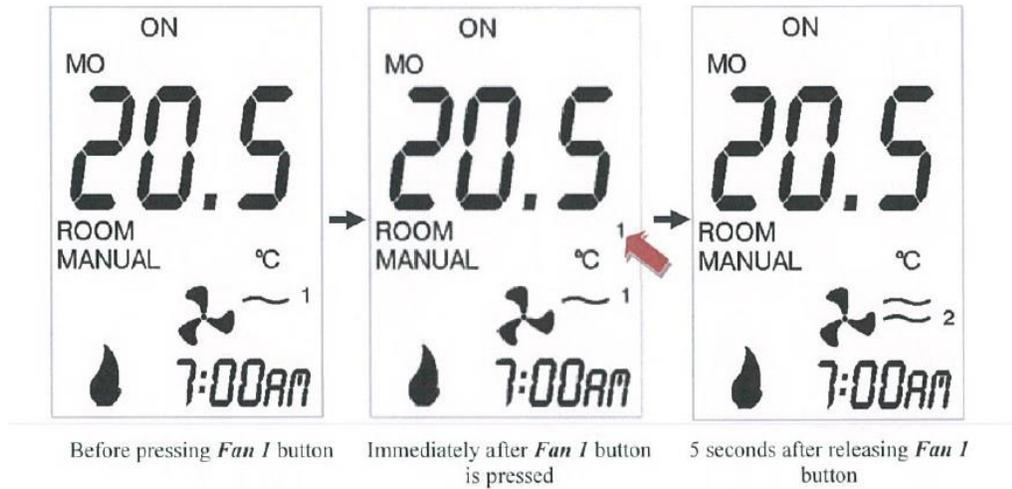
Note: Fan 1 and Fan 2 cannot be turned off while heater is in operation.

The LCD will display as follows:

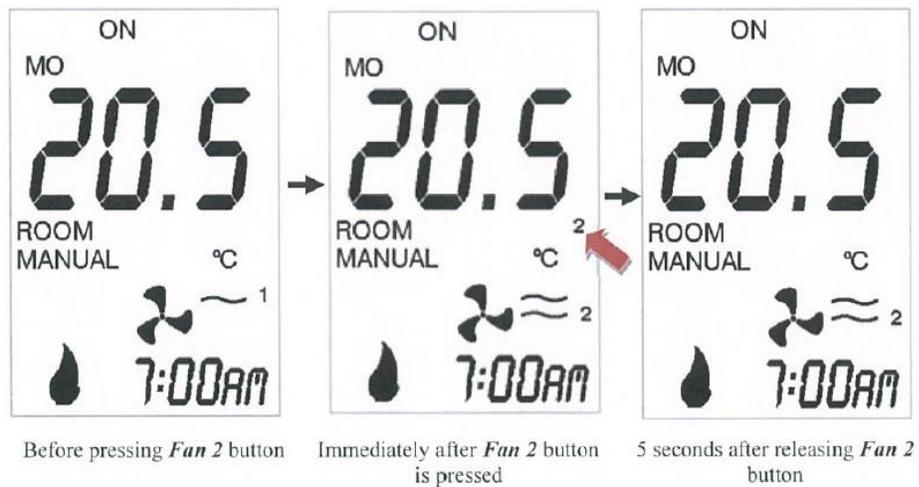
- (a) Normal Display – The LCD will show the fan speed of the last selected fan, with can be Fan 1 or Fan 2.



(b) When the **Fan 1** button is pressed while fan 1 is at low speed, the LCD will display as follows:



(c) Similarly when the **Fan 2** button is pressed while fan 2 is at low speed, the LCD will display as follows:



Flame Height Adjustment

There are six levels of flame settings that can be selected manually using the “+” and “-” button.

Pressing and releasing the “+” button once will increase the flame to the next high setting. Continuously holding down the “+” button will increase the flame gradually until it has reached the highest setting.

Conversely pressing and releasing the “-” button once will decrease the flame to the next lower setting.

Examples of the display on the LCD are as follows:



Flame Setting = 1



Flame Setting = 3



Flame Setting = 6

AUTO MODE

In Auto Mode the remote will adjust the flame setting and fan speed according to the temperature difference between the Set Temperature and the Room Temperature.

When the room temperature is lower than the set temperature by more than 2.5°C, the flame and fans will automatically start, the flame will be at the highest setting (6) and the fan speed will default to the lowest setting (1).

As the room temperature approaches set temperature, the flame level will reduce accordingly. When the set temperature is equal to the room temperature, the flame will stay at the lowest setting, and the fan will stay at the lowest setting.

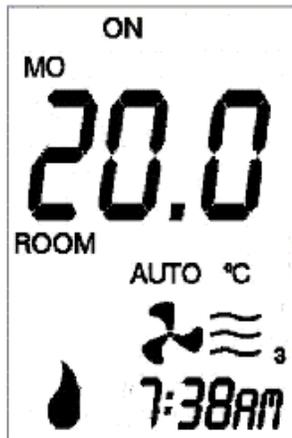
If the room temperature is higher than the set temperature by more than 2°C, the flame and fan will turn OFF.

Auto mode can be selected by pressing and releasing the **AUTO/MAN/PROG** button until the symbol “AUTO” is shown on the LCD.

In *Auto* mode, when either the “+” or “-” button is pressed, the Set Temperature will be displayed on the LCD instead of the Room Temperature. The Set Temperature will remain displayed on the LCD for 5 seconds after the button is released and then the display will revert to show the Room Temperature. The Set Temperature can be adjusted while it is displayed using the “+” and “-” buttons.

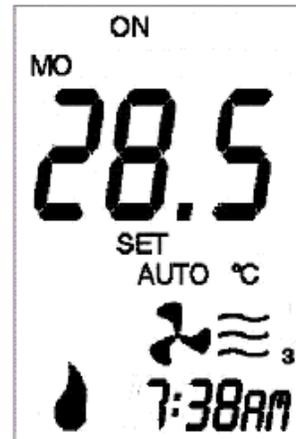
The LCD will show the following when either the “+” or “-” button is pressed:

Fan speeds can be adjusted by using the Fan 1 and Fan2 buttons, as in Manual Mode.



Auto Mode normal display

← Room Temperature
Set Temperature →



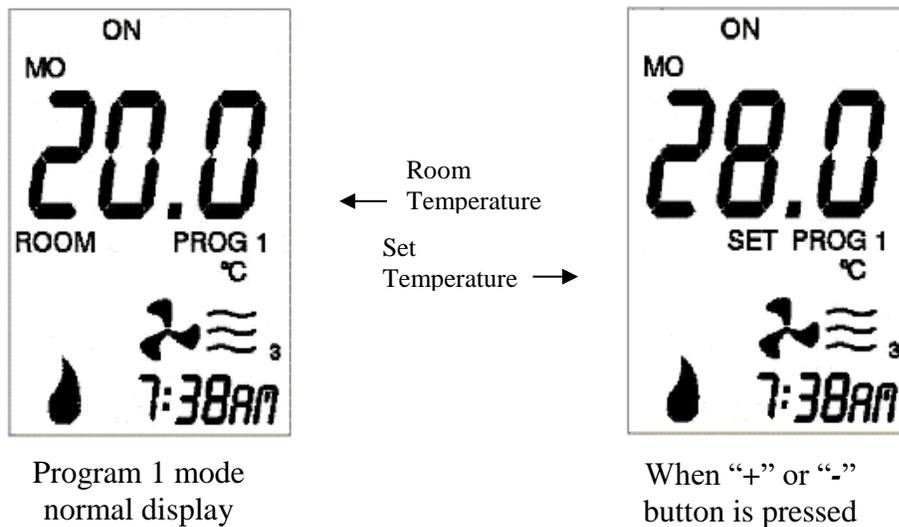
When “+” or “-” button is pressed

The minimum Set Temperature is 7°C and the maximum is 32°C. The default Set Temperature is 22°C.

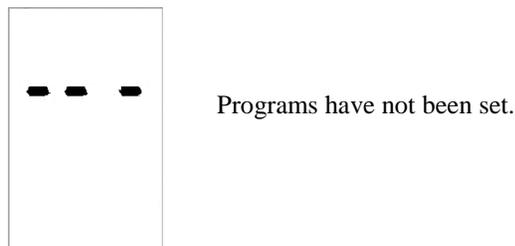
PROGRAM MODE

Program mode is selected by pressing and releasing the **AUTO/MAN/PROG** button until the symbol “PROG” is shown on the LCD. The Remote will operate according to the settings in the 2 Time Zones programmed by the user. Refer to *Setting the Program Mode* for details.

Pressing and releasing the “+” or “-” button in this mode will cause the temperature displayed on the LCD to change from showing the Room Temperature to show the Set Temperature. The Set Temperature will remain displayed on the LCD for 5 seconds after the button is released and then the display will revert to show the Room Temperature.



If the Time Zones have not been programmed in the Remote, the display will show the following:



SETTING THE PROGRAM MODE

It is recommended to unplug the unit while setting the programs.

In this mode, the user can program two On-Times and two Off-Times as well as the Temperature settings for each day of the week. The **AUTO/MAN/PROG** button is used to initiate the programming mode. The “+” and “-” buttons are used to adjust the time and temperature settings.

Note: The remote needs to be ON in order to set the Programs.

Follow the steps below to set the programs:

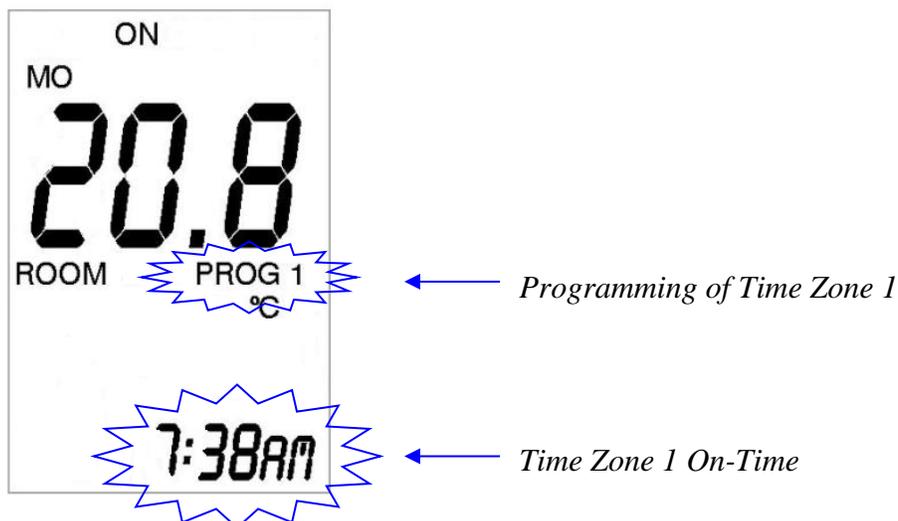
1) Programming the On-Time of Time Zone 1

Press and hold the **AUTO/MAN/PROG** button for 2 seconds or more to initiate the Programming mode.

The symbol “PROG 1” will flash to indicate the Remote is in Programming mode.

The On-Time for Time Zone 1 will also flash. The “+” and “-” buttons can be used to adjust this time setting.

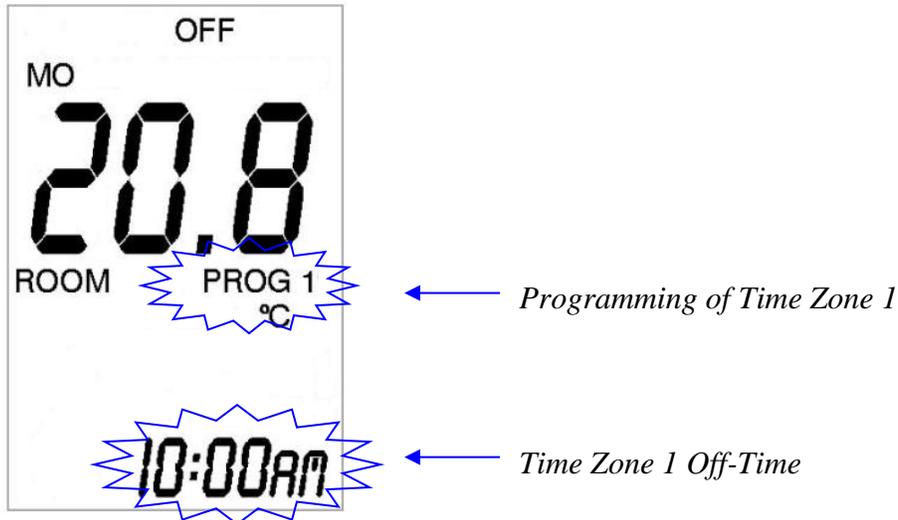
The LCD will show the current setting in Time Zone 1 for Monday:



2) Programming the Off-Time of Time Zone 1

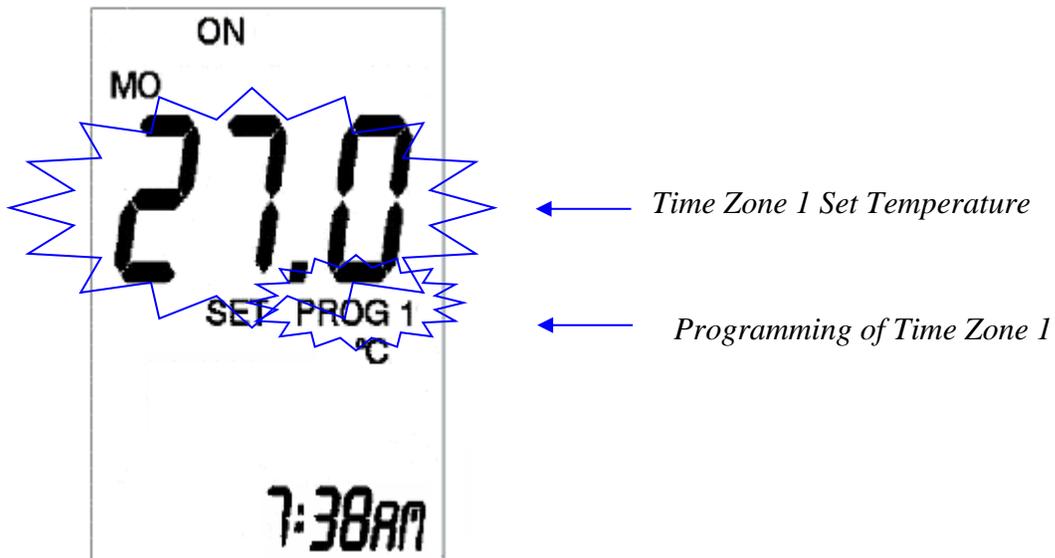
Press and release the *AUTO/MAN/PROG* button again to program the Off-Time for Time Zone 1. Use the “+” and “-” buttons to adjust this time setting.

The LCD will show the following:



3) Programming the Set Temperature of Time Zone 1

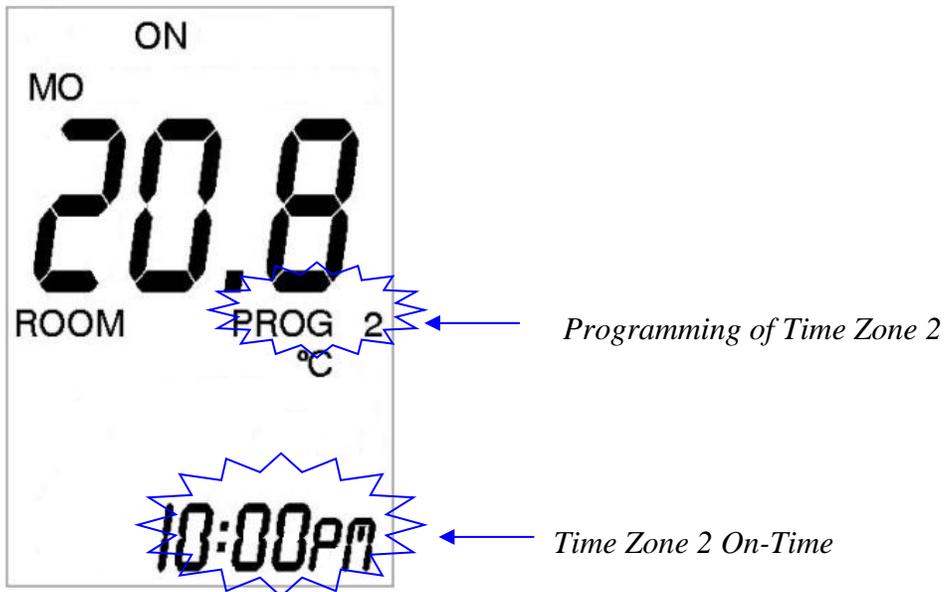
Press and release the *AUTO/MAN/PROG* button again to program the Set Temperature. Use the “+” and “-” buttons to adjust the temperature setting.



4) Programming the On-Time of Time Zone 2

Press and release the *AUTO/MAN/PROG* button again to program the On-Time of Time Zone 2. Use the “+” and “-” buttons to adjust this time setting.

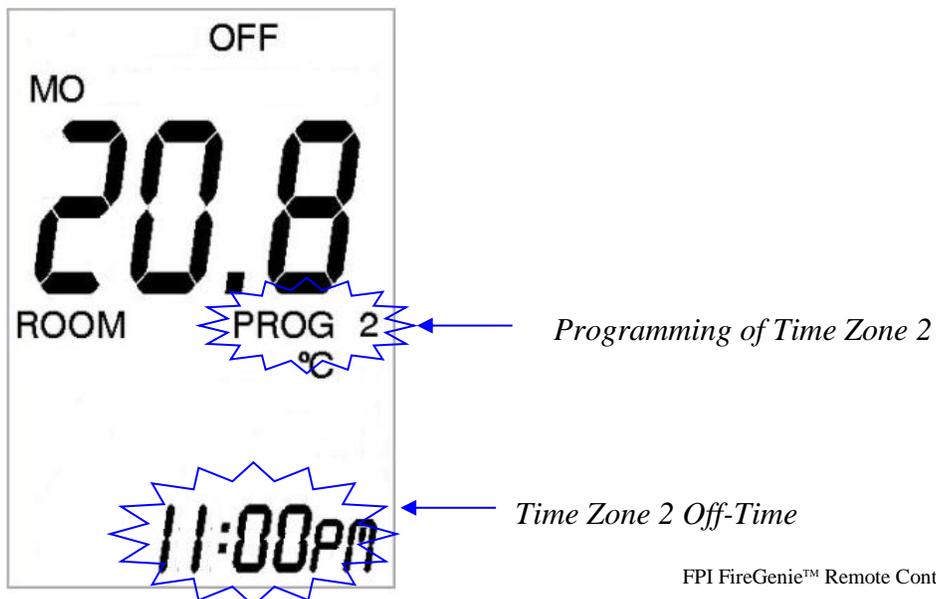
The LCD will show the following:



5) Programming the Off-Time of Time Zone 2

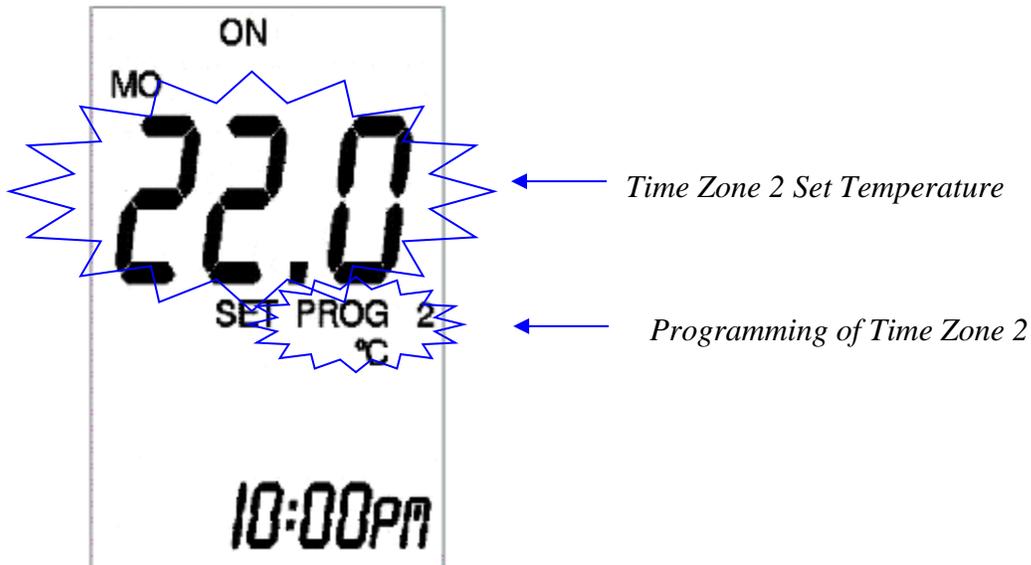
Press and release the *AUTO/MAN/PROG* button again to program the Off-Time of Time Zone 2. Use the “+” and “-” buttons to adjust this time setting.

The LCD will show the following:



6) Programming the Set Temperature of Time Zone 2

Press and release the *AUTO/MAN/PROG* button one more time to program the Set Temperature of Time Zone 2. Use the “+” and “-” buttons to adjust the temperature setting.

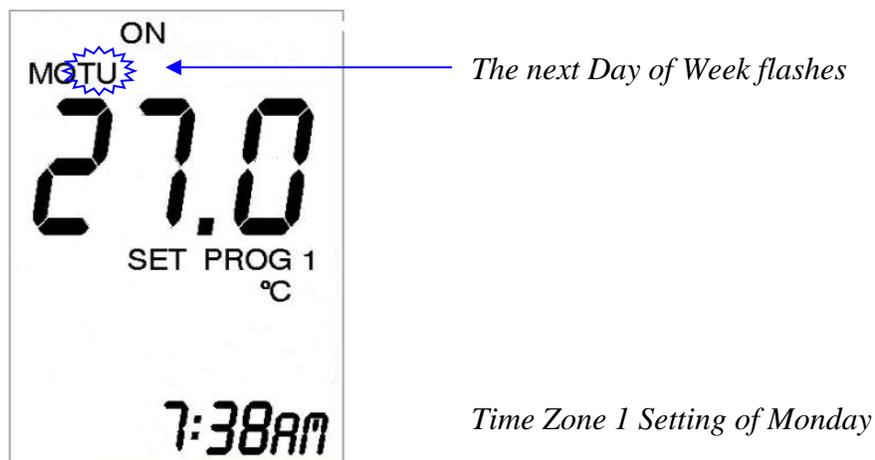


7a) Programming the Rest of the Week

Repeat steps 2 to 6 until all 7 days have been programmed.

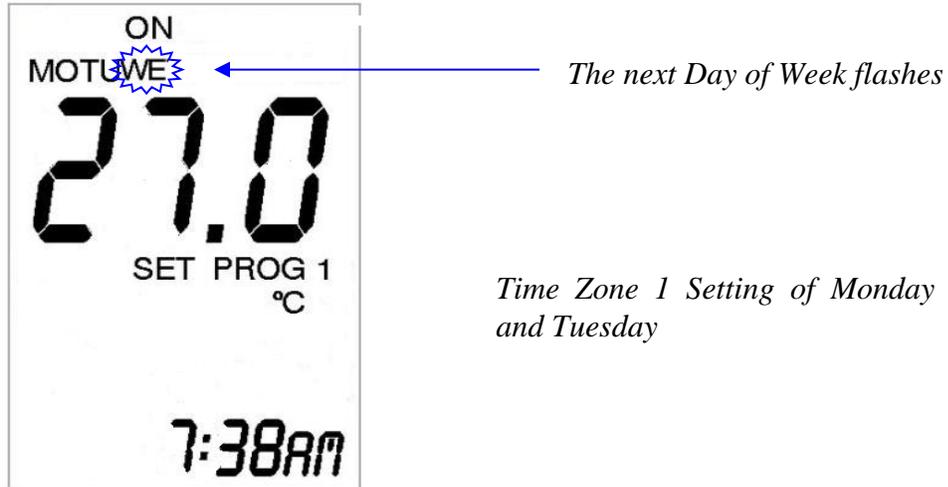
7b) Alternatively, Copy Programs Over to the Other Days

Pressing and holding the *PROG* button for 2 seconds or longer will initiate the copying process.



Pressing and releasing the “+ *and* -” buttons will select the Day(s) of which the program is to copy to.

Release the **AUTO/MAN/PROG** button and the program will be copied across to the selected days.



After the program is copied, the selected days will remain lit and the following day will start to flash.

Press and release the **AUTO/MAN/PROG** button to return to normal programming mode.

8) Exiting Programming Mode

The Remote will automatically exit the Programming mode 20 seconds after the last button is released.

Pressing the TIME button or the OFF button will exit the programming mode.

INTERFACING WITH MANUAL CONTROL

When the unit is turned ON using the Remote Control and is later switched OFF from the Manual Control Panel, the LCD on the Remote Control will still display as being ON even though the unit is actually OFF. To have the unit function from the Remote Control again you must press the ON/OFF button twice -- once to turn the remote OFF and then again to turn the unit ON from the remote.

When the unit is turned ON from the Manual Control Panel, the LCD on the Remote Control will display as being OFF even though the unit is actually ON. To have the unit function from the Remote Control you will need to press the ON/OFF button once to turn ON the remote.

TROUBLESHOOTING

If the remote control does not turn on:

- Ensure the batteries are correctly installed in the receiver.
- Check the batteries for replacement (2 x AAA alkaline).
- **DO NOT USE** rechargeable batteries. Use high quality batteries.

When batteries are replaced, only the current of time and day will need to be reset. The set program times are not affected.

- When remote control is in Auto Mode it is important to keep it away from the heater and any extreme heat sources to ensure accurate measurement of room temperature.

SPECIAL CONDITIONS IN PROGRAM MODE

If the On-Time of a Time Zone matches the Off-Time of the same Time Zone, the Time Zone is disabled.

If the Off-Time of the First Time zone crosses over to the On-Time of the second Time Zone, the Off-Time of the first Time Zone will have precedent, for example, if Time Zone 1 is programmed to end at 2:00 pm whereas Time Zone 2 is programmed to commence at 1:00 pm, the following will occur:

Time Zone 1		
On-Time	Off-Time	
8:00 am	2:00 pm	
	1:00 pm	4:00 pm
	On-Time	Off-Time
	Time Zone 2	
Operates under Time Zone 1 Setting	Operates under Time Zone 2 Setting	

PAIRING REMOTE HANDSET AND CONTROL BOX ID CODE

The Remote Control Handset has a set of unique ID codes that is pre-programmed into its memory. This set of ID codes helps to differentiate one Remote Control Handset from another so that only the control box with a matching ID code will respond to the appropriate Remote Control Handset.

To pair the control box to the Remote Handset follow the steps below:

- Ensure the Remote is switched OFF by using the ON/OFF button.
- Remove a battery from the remote.
- Remove main power to the control box, wait 30 seconds (approx.).
- Reconnect main power to the control box, and immediately reinstall the battery into the remote.
- Press and hold the *FAN 1* and *FAN 2* buttons simultaneously. The temperature display will show the letters “LC” momentarily indicating the ID codes have been transmitted.
- The display will revert back to the normal off mode display. The burner will be on the fans will be on.
- Release both the *FAN 1* and *FAN 2* buttons.
- The display on the Remote will indicate the Remote is off. Press the ON/OFF button twice. The burner and fans will turn off.

The control box will only learn the Remote ID codes during the first 30 seconds after power is applied and will ignore this special command from the Remote after the first 30 seconds.

A training video about the Pairing procedure is available on our website:

<http://www.regency-fire.com.au/Customer-Care/Fireplace-Care-Videos.aspx>

WARNING

Do not try to open or repair the Remote. There are no internal serviceable parts.

This will void all warranties.

CAUTION

Property Damage Hazard

Excessive heat can cause property damage.

The fireplace can stay ignited for many hours. Take care to turn off the fireplace if it is unattended by adult people.

Keep remote control out of reach of children.

IMPORTANT!

The transmitter and receiver in this box must be coded together before proceeding to program the remote to function.

Please follow the instructions under “Pairing Remote Control and Receiver I.D. Code” on page 19 in the enclosed manual, and follow the coding instructions carefully. Failure to code these together will result in malfunction of the remote control device.

