



# KYROS



## INSTRUCTION MANUAL KYROS DIGITAL ELECTRONIC RADIATOR

Mounting, installation, starting and operation



**INFRARED** CONTROL



# KYROS



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Thank you.

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**Thank you very much for choosing Rointe.**

Before using the low consumption KYROS digital electric radiators, we recommend you read this instruction manual thoroughly to ensure correct operation.

**IMPORTANT:**

This manual should be left with the product after installation.



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# KYROS

## 1. KYROS Radiator Information

### 1.1. Control Panel

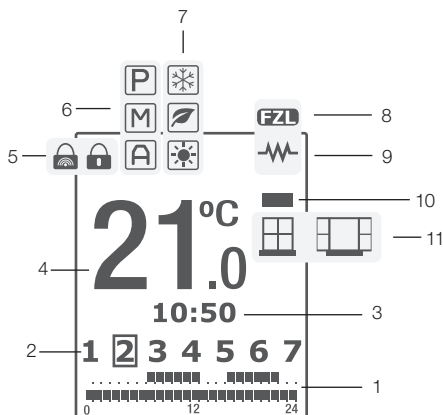
#### 1.1.1 Keypad

| ICON                                                                              | INDICATION                        |
|-----------------------------------------------------------------------------------|-----------------------------------|
|  | On / Off - Accept                 |
|  | Decrease Temperature - Move left  |
|  | Increase Temperature - Move right |
|  | Access/Back to Menu - Move up     |
|  | Manual/Automatic - Move down      |



#### 1.1.2 Display Panel

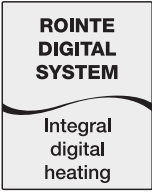
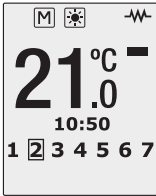
| NO. | INDICATION                                         |
|-----|----------------------------------------------------|
| 1   | Programming                                        |
| 2   | Days Of The Week                                   |
| 3   | Time Of Day                                        |
| 4   | Temperature Selected                               |
| 5   | Control Panel Locked / Unlocked indicator          |
| 6   | MANUAL / AUTOMATIC / PILOT WIRE function indicator |
| 7   | COMFORT / ECO / ANTI-FROST mode indicator          |
| 8   | Fuzzy Logic Energy Control function indicator      |
| 9   | Heating Element On indicator                       |
| 10  | Consumption indicator                              |
| 11  | OPEN WINDOWS function indicator                    |





| ICON                                                                                | INDICATION                                                                                                                                                                    |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|    | OPEN WINDOWS function - active mode, no detection                                                                                                                             |
|    | OPEN WINDOWS function - active mode, detected                                                                                                                                 |
|    | Energy Consumption indicator - green / yellow / red                                                                                                                           |
|    | Heating Element on                                                                                                                                                            |
|    | Fuzzy Logic Energy Control activated                                                                                                                                          |
|    | COMFORT mode on                                                                                                                                                               |
|    | ECO mode on                                                                                                                                                                   |
|    | ANTI-FROST mode on                                                                                                                                                            |
|    | AUTOMATIC function on                                                                                                                                                         |
|    | MANUAL function on                                                                                                                                                            |
|  | PILOT WIRE function on<br> Not available in UK. Only upon demand.                          |
|  | AUTOMATIC function on when USER mode activated                                                                                                                                |
|  | MANUAL function on when USER mode activated                                                                                                                                   |
|  | PILOT WIRE function on when USER mode activated<br> Not available in UK. Only upon demand. |
|  | Control Panel locked through Keypad                                                                                                                                           |
|  | Control Panel locked through Remote Control                                                                                                                                   |

## 1.2. Switching On and Off (stand-by)

|                                                                                                                                                                                                                                                                |                                                                                      |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|
| <p>To switch the product ON, please press the  button once.</p> <p>The image to the right will appear on the display panel when the product is switched on.</p>               |    |
| <p>After 5 seconds the temperature, time and days of the week will be displayed on the display panel.</p>                                                                                                                                                      |    |
| <p>To switch the product OFF, please press the  button again once.</p> <p>The product will go into stand-by mode with the word 'STAND-BY' displayed on the display panel.</p> |    |
| <p>After 5 seconds the Rointe logo will appear.</p>                                                                                                                                                                                                            |  |



### 1.3. Adjust the Day and Time

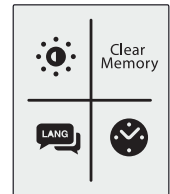
To set the day and time, please press the  button on the keypad panel to access the Main Menu.

Select the 'Settings' menu  using the  or  buttons on the keypad.

To move left press the  button and to move right press the  button. Once the  icon is highlighted on the display panel, press the  button to access.



Now use the  and  buttons again to select the clock option  and press  to access.



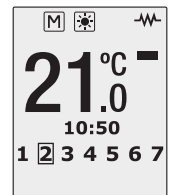
Use the buttons  and  to set the hour, then press  to confirm. Then use the  and  buttons to set the minutes and press  to confirm. Finally, use the  and  buttons to set the day (1 = Monday, 2 = Tuesday etc.) and confirm by pressing the  button.



### 1.4. Temperature Selection

To change the temperature, please press the  or the  button. To decrease the temperature press the  button and to increase the temperature press the  button.

When the room temperature is lower than the set temperature on the display panel, the product will come on with the  symbol appearing in the top right of the display panel.



When the Fuzzy Logic Energy Control technology is activated the symbol **FZL** will replace the symbol  in the top right of the display panel.

To learn more about Fuzzy Logic Energy Control technology please see point 1.8. on page 21 of this manual.



## 1.5. Locking the Keypad

You can lock the keypad from your product or from your remote control\* (optional).

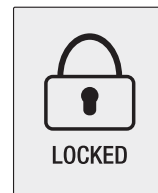
### TO LOCK USING THE KEYPAD:

To lock the keypad manually, please hold and press the  button AND the  button TOGETHER for 3 seconds.

The  symbol will appear on the display panel and the keys will not respond.

To unlock the keypad manually, please hold and press the  button AND the  button TOGETHER for 3 seconds.

\*To lock the keypad using your remote control, please see the corresponding instruction manual for your remote control separately.



Please note that if you lock your product using your remote control then you can only unlock using the remote control. If your product is locked using your remote control and you press the keypad on your product then the following image will appear on the display panel.





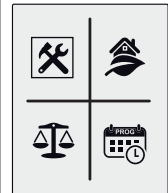
## 1.6. Main Menu

The Main Menu is accessed by pressing the menu  button.

You can navigate through the different options available on the menu by pressing the  and  buttons to move left and right respectively and to scroll through all 4 options.

The selected sub-menu will be highlighted with a frame, as shown in the image to the right on the 'Settings'  section of the display panel.

The below icons displayed on the screen take you to the following sub-menus:



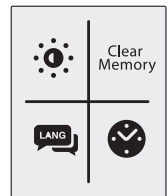
|                                                                                   |                                                                                   |                                                                                   |                                                                                   |
|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|
|  |  |  |  |
| Settings                                                                          | Energy                                                                            | Balance                                                                           | Program                                                                           |

### 1.6.1 Main Menu: Settings sub-menu

The 'Settings' sub-menu configures the technical parameters of your product. To access, select the  icon displayed in the Main Menu screen and press  to confirm.

Use the  and  buttons to move across the different options on the sub-menu to choose your parameter and press  to access.

The below icons displayed on the screen take you to the following parameters:



|                                                                                     |              |                                                                                     |                                                                                     |
|-------------------------------------------------------------------------------------|--------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
|  | Clear Memory |  |  |
| Display Panel brightness                                                            | Clear Memory | Language                                                                            | Time                                                                                |

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- **Adjust brightness of the Display Panel** 

This allows you to change the brightness of the display panel in both the STAND-BY and ON modes separately. To change the brightness ensure the  icon is highlighted and press the  button to confirm. Then with the buttons  and  you can switch between the two modes.

With the  and  buttons you can increase or decrease the brightness as you wish.

The cursor indicates the intensity of the light. Once you have set the required brightness press the  button to save and exit.

**BACKLIGHT**

**ON**

**STAND-BY**

- **Clear the Memory** 

This allows you to clear any information saved in your product.

To clear the memory ensure the  icon is highlighted in the 'Settings' sub-menu and press the  button to confirm.

The display panel will show when completed and the language will change to default.

**MEMORY  
CLEARED**

- **Change the Language** 

To set your chosen language, ensure the  icon is highlighted in the 'Settings' sub-menu and press the  button to access.

Use the  and  buttons to move up or down respectively until your chosen language is highlighted and confirm by pressing the  button.

**LANGUAGE**

**ENGLISH**

**FRANÇAIS**

**ESPAÑOL**

**PORTUGUÊS**



## • Adjust/Set the Time

This option sets the hour, minutes and day of the week in your product. Please refer to section 1.3. on page 7 of this manual.

SET TIME  
**10:50**  
1 2 3 4 5 6 7

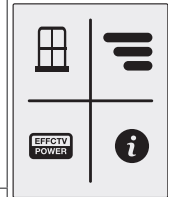
### 1.6.2 Main Menu: Energy sub-menu

The 'Energy' sub-menu provides access to functions related to energy management of the product. To access, select the  icon displayed in the Main Menu screen and press  to confirm.

Use the  and  buttons to move across the different options on the sub-menu to choose your function and press  to confirm.

The below icons displayed on the screen take you to the following functions:

|                                                                                   |                                                                                   |                                                                                   |                                                                                   |
|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|
|  |  |  |  |
| OPEN WINDOWS<br>function                                                          | Consumption<br>status                                                             | Effective Power<br>function                                                       | Information                                                                       |



## • OPEN WINDOWS function

To set the OPEN WINDOWS\* function, ensure the  icon is highlighted in the 'Energy' sub-menu and press the  button to access.

Use the  and  buttons to move up or down respectively until your preference is highlighted and confirm by pressing the  button.

\*To learn more about how this function works, please go to point 1.7. on page 21 of this manual.



## • Consumption status

To check the current consumption status of your product, ensure the  icon is highlighted in the 'Energy' sub-menu and press the  button to access.

The display panel will then show a status according to the current state of consumption of the product:

|                                                                                                                                                                                              |                                                                                                                                                                                                   |                                                                                                                                                                                                       |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div data-bbox="159 574 312 766"> <p>CONSUMPTION</p>  <p>OK</p> </div> <p>Up to 40%<br/>effective power</p> | <div data-bbox="481 574 635 766"> <p>CONSUMPTION</p>  <p>CAUTION</p> </div> <p>40% - 60%<br/>effective power</p> | <div data-bbox="803 574 956 766"> <p>CONSUMPTION</p>  <p>WARNING</p> </div> <p>More than 60%<br/>effective power</p> |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

## • Effective power function

To check the Effective Power status of your product, ensure the  icon is highlighted in the 'Energy' sub-menu and press the  button to access.

The display panel will then show a status according to the current state of consumption of the product:

- Working Time
- Total Time

After 6 seconds, the display panel will then show:

- Nominal Power (w)
- Effective Power\* (w)

\*The effective power is the actual value of its nominal power that the product consumes during periods of operation.

|                                                                                                          |                                                                                                            |
|----------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------|
| <div data-bbox="692 1074 852 1273"> <p>WORKING TIME<br/>000001h</p> <p>TOTAL TIME<br/>000001h</p> </div> | <div data-bbox="876 1074 1030 1273"> <p>POWER(W)<br/>1600</p> <p>EFFECTIVE<br/>POWER(W)<br/>608</p> </div> |
|----------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------|



## • Information

This function will display the software version, the date of this release and the rated power of the product.

To access this information, ensure the  icon is highlighted in the 'Energy' sub-menu and press the  button to confirm. The information will then show in the display panel.

**SOFTWARE  
VERSION  
V1.00**  
**19/02/2015**  
**POWER 1600W**

### 1.6.3 Main Menu: Balance sub-menu

The 'Balance' sub-menu/function returns the product to a constant temperature of 19°C. To activate this function ensure the  icon is highlighted in the 'Balance' sub-menu and press the  button to confirm.

The product will return to the display panel in MANUAL function, with the temperature set to 19°C.

M    
**19°C**  
**10:50**  
**1 2 3 4 5 6 7**

### 1.6.4 Main Menu: Program sub-menu

This section explains the operational aspects of your product in its various functions and modes.

## What are the functions of MANUAL, AUTOMATIC and PILOT WIRE mode?

| MANUAL                                                                                                                       | AUTOMATIC                                                                                | PILOT WIRE                                                                                                                                                                                                 |
|------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| This function allows you to change the product between the COMFORT, ECO and ANTI-FROST modes and to change the temperature*. | This function will activate the programming that has previously been set in the product. | This function allows the product to be controlled by a central programmer.<br> Not available in the UK. Only on demand. |

\* To change temperature, please see point 1.4 on page 7 of this manual.

What are COMFORT, ECO and ANTI-FROST modes?

These modes are the different temperature ranges available within the product.

|                                                                                           |                                                                                       |                                                                                              |
|-------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------|
|  COMFORT |  ECO |  ANTI-FROST |
| From 19°C to 30°C                                                                         | From 7.5°C to 18.5°C                                                                  | 7°C                                                                                          |

The ‘Program’ sub-menu provides access to functions related to programming the product. To access, select the  icon displayed in the Main Menu screen and press  to access.

Use the  and  buttons to move across the different options on the sub-menu to choose your program and press  to access.

The icons displayed on the screen take you to the following functions:

|                              |                                                                                   |               |                 |
|------------------------------|-----------------------------------------------------------------------------------|---------------|-----------------|
| MAN / AUTO                   |  | USER          | PILOT           |
| MANUAL / AUTOMATIC functions | Programming options                                                               | USER function | PILOT WIRE mode |

MAN

AUTO

USER

PILOT

 Not available in the UK.  
Only on demand.

Manual / Automatic functions    MAN/AUTO

To change or choose the MANUAL or AUTOMATIC function, ensure the **MAN/AUTO** icon is highlighted in the ‘Program’ sub-menu and press the  button to confirm. You can change from AUTOMATIC to MANUAL and vice versa by pressing the  button again.

The AUTOMATIC function activates the programming you have already established in the product.

MAN

AUTO

USER

PILOT

AUTO

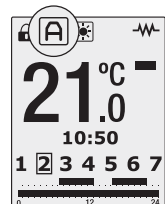
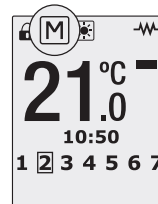
MAN

USER

PILOT



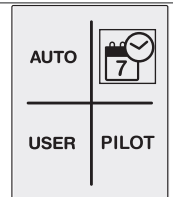
On the display panel, the symbol  will appear for the AUTOMATIC function and the symbol  for the MANUAL function.



## • Programming options

To choose a program for your product you MUST be in AUTOMATIC mode. Please see previous page 14 for details on how to adjust to AUTOMATIC mode.

To access the 'Programming' options, ensure you are in the 'Program' sub-menu, then select the icon  by using the  and  buttons and then press the  button once the  button is highlighted.



The display panel will show 2 options:

- PREPROGRAMS
- START PROGRAMMING

A flashing line will appear around the option that is selected. To change the option use the  and  buttons and press the  button.

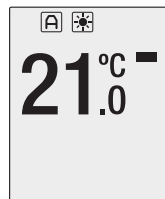


### • START PROGRAMMING for AUTOMATIC mode

To program the AUTOMATIC mode, see points above and ensure that START PROGRAMMING is highlighted. Press the  button to access and the display panel will show a flashing screen.

STEP 1 - Select COMFORT mode temperature

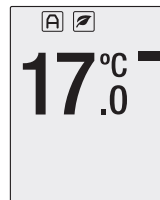
✱ COMFORT mode will be programmed first. Select the COMFORT mode temperature between 19°C and 30°C using the  and  buttons. The ✱ icon and the temperature will flash. Press the  button to confirm.



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## STEP 2 - Select ECO mode temperature

ECO mode will be programmed next. Select the ECO mode temperature between 7.5°C and 18.5°C. The ECO icon and the temperature will flash. Press the  button to confirm.



## STEP 3 - Select the Days

The days of the week will start flashing on the display panel and show as DAY 1, DAY 2, DAY 3 etc.

Use the  and  buttons to move forwards or backwards through the days. Press  to select the day or days that you wish to include in your AUTOMATIC program. The day will stop flashing once selected. Repeat for all the days you wish to program and once all days are selected press the button  to move onto setting the hour.

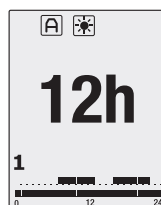


## STEP 4 - Select the Hours

Once step 3 has been completed, 0h appears on the display panel. 0h is equal to the time, midnight. Use the  or  buttons to select the hour you wish to change. Use the  button to change the mode (COMFORT, ECO or nothing) for the hour you wish to modify. The corresponding icon for that mode will appear at the top of the screen.

To finish the programming press  or leave for 30 seconds without pressing any buttons. To change the programming go back to step 1 and proceed as described before.

\*If you wish to have different days with different programming within your program you will need to modify each day separately, starting from the Main Menu again for each day/days. Follow Steps 1 to 4 above to program multiple differing days/hours/temperatures.





## • PREPROGRAMS

To CHOOSE a PREPROGRAM for your product:

Ensure that PREPROGRAM is highlighted in the 'Program' sub-menu. Press the  button to confirm and the display panel will show 4 programs for you to choose from: A1, A2, A3 and A4.

Using the  and  buttons, choose the program you wish to activate and once highlighted, press the  button to confirm. You will then be automatically taken back to the main display panel and your preprogram option will show on the screen to confirm it is active.

### PREPROGRAMS

A1 A2 A3 A4

START  
PROGRAMMING

To MODIFY any of the preset programs:

You need to be in AUTOMATIC mode and select the preprogram you want to modify i.e. your product must be working/have the preprogram already activated you wish to modify.

Then ensure that START PROGRAMMING is highlighted. Press the  button to confirm and the display panel will show a flashing screen. You then need to follow STEPS 1 - 4 on pages 15 & 16 to modify the temperature/day/hours.

\*If you wish to have different days with different programming within your program you will need to modify each day separately, starting from the Main Menu again for each day/days. Follow Steps 1 to 4 on page 15 & 16 to program multiple differing days/hours/temperatures.

A1 A2  
A3 A4



21.0°C

## PRE-INSTALLED PROGRAMMES

|    |       | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 |
|----|-------|---|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| A1 | M-F   |   |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
|    | Sa-Su |   |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| A2 | M-F   |   |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
|    | Sa-Su |   |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| A3 | M-S   |   |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| A4 | M-F   |   |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
|    | Sa-Su |   |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |

COMFORT  
ECO  
OFF

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## • USER function USER

To enter the USER function, ensure **USER** icon is highlighted in the 'Program' sub-menu and press the  button to access. A 4 digit PIN code is required in order to access the menu. The default PIN is 0000. To enter the PIN use the  and  and  and  buttons to move left, right, up or down to select the correct numbers, pressing  after each number is highlighted to confirm. Once the full 4 digits have been entered, move to OK on the display panel and press the  button to confirm. Once the PIN number has been entered correctly, the main USER function sub-menu will be shown.

The below icons displayed on the screen take you to the following functions:

|                                                                                   |                                                                                           |                                                                                   |                                                                                   |
|-----------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|
|  | <br>**** |  |  |
| Enable/Disable function                                                           | Change PIN                                                                                | Upper temperature limit                                                           | Lower temperature limit                                                           |



| INSERT PIN |   |    |
|------------|---|----|
| 1          | 2 | 3  |
| 4          | 5 | 6  |
| 7          | 8 | 9  |
| CANCEL     | 0 | OK |

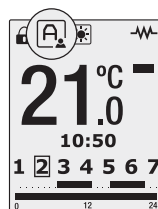
## • Enable /Disable function

To access the Enable/Disable function, ensure the  icon is highlighted in the 'Program' sub-menu and press the  button to access.

Use the  and  buttons to move up and down respectively to select ON to enable or OFF to disable. Once the desired option is highlighted press the  button to confirm. Use the  button to go back to the main display panel or leave for 30 seconds without pressing any buttons.

On the main screen you will see the  icon in automatic function, the  icon in Manual function and  when in Pilot Wire control function.

| USER FUNCTION |
|---------------|
| ON            |
| OFF           |





## • Changing the PIN code

To change the PIN code of your product, ensure the  icon is highlighted in the 'Program' sub-menu and press the  button to access.

Use the  and  and  and  buttons to move left, right, up or down to select the new numbers, pressing  after each number is highlighted to confirm.

Then move to OK on the display panel and press the  button to confirm. The screen will show PIN CHANGED.

**Please remember your new PIN code for the future and store in a safe place. In order to access the USER function menu again you will need your new PIN code.**

| NEW PIN |   |    |
|---------|---|----|
| 1       | 2 | 3  |
| 4       | 5 | 6  |
| 7       | 8 | 9  |
| CANCEL  | 0 | OK |



**PIN  
CHANGED**

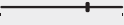
## • Upper temperature

To set the upper temperature limit of your product ensure the  icon is highlighted in the 'Program' sub-menu and press the  button to access.

Use the  and  buttons to decrease or increase your desired upper temperature between 19°C to 30°C and press the  button to confirm. You will then return to the USER function screen. To exit press the  button to go back to the main display panel or leave for 30 seconds without pressing any buttons.

**UPPER  
TEMPERATURE  
LIMIT**

**22.0°C**

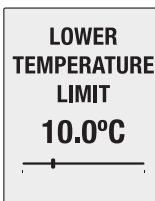


# KYROS

## • Lower temperature

To set the lower working temperature limit of your product ensure the  icon is highlighted in the 'Program' sub-menu and press the  button to access.

Use the  and  buttons to decrease or increase your desired lower working temperature between 7.5°C to 18.5°C and press the  button to confirm. You will then return to the USER function screen. To exit press the  button to go back to the main display panel or leave for 30 seconds without pressing any buttons.



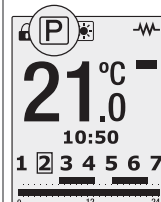
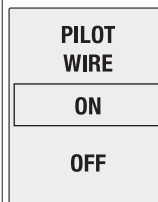
## • PILOT WIRE mode Not available in UK. Only upon demand.

The PILOT WIRE wire mode allows your heating only to be controlled via a pilot wire programmer.

To access the PILOT WIRE mode, ensure the **PILOT** icon is highlighted in the 'Program' sub-menu and press the  button to access.

Use the  and  buttons to move up and down respectively to select ON to enable or OFF to disable. Once the desired option is highlighted press the  button to confirm. Use the  button to go back to the main display panel or leave for 30 seconds without pressing any buttons.

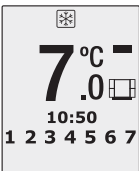
On the main display panel the symbol  will appear.





## 1.7. OPEN WINDOWS function

This function is activated when the temperature sensor detects a drop of 4°C from the set temperature within a 30 minute time period. The OPEN WINDOWS function will be active for 2 hours. If the  button is pushed during this period the product will switch off. Pushing the button  again will switch on the product without the OPEN WINDOWS function being switched on.

|                                                                                                                                                                                                                                                                                        |                                                                                    |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|
| <p>When this function is activated by the sensor, the image to the right will appear on the product display panel for 5 seconds.</p>                                                                                                                                                   |  |
| <p>When the OPEN WINDOWS function is activated, the product will move into ANTI-FROST mode at 7°C. The  icon will appear on the product display panel showing that the ANTI-FROST mode is active.</p> |  |

## 1.8. Fuzzy Logic Energy Control Technology

Fuzzy Logic Energy Control is a technology developed by Rointe to improve the energy management required to maintain a stable temperature, analyzing its variations with an accuracy of  $\pm 0.25$  °C and sending micro electrons to the heating element that transfer the heat to the atmosphere in the most efficient way. When the  icon on the display panel is replaced with the **FZL** icon on the display panel, then the Fuzzy Logic Energy Control technology has been activated and is working.

## 2. Installation & Mounting

The product must never be installed directly below a power point. In bathrooms, the product must never be installed where the switches and/or other devices may be within the reach of someone in the shower or bathtub.

## 2.1. Mounting

The product works by means of natural air convection (Fig. 1). In order to achieve optimal functioning and an even distribution of heat, the lower part of the product, once mounted on the wall, must be at least 10-12cm from the floor, and 30cm at the most. As for the sides and above, a minimum distance of between 10-12cm must be left from any wall or brickwork in order for it to function correctly (Fig. 2).

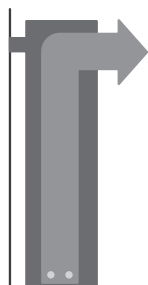


Fig. 1

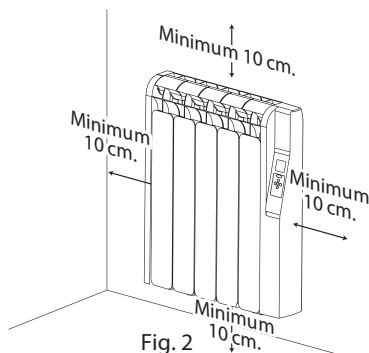


Fig. 2

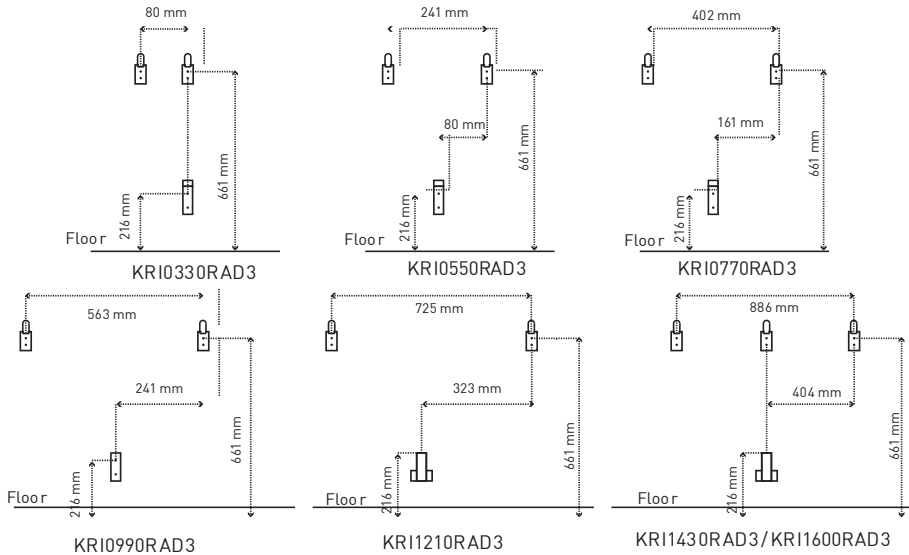
## 2.2. Fixing the supports

Inside the packaging you will find a fixing kit.

|                                                                                                                            |                                                                                                                                                              |                                                                                                                                                      |
|----------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                                                                                                            |                                                                                                                                                              |                                                                                                                                                      |
| <p>Choose the right part of the wall.</p> <p>Place the mounting stencil on the wall, marking the places for the holes.</p> | <p>Remove the stencil and make the holes in the wall.</p> <p>Fix the supports using the plugs and screws provided, or others suitable for the wall type.</p> | <p>Check the correct positioning of the lower support.</p> <p>Align the product with the top supports.</p> <p>Place the product in the supports.</p> |



## Installing template measurements depending on the model:



## 3. Maintenance & Cleaning

The product does not require any type of maintenance. We recommend that all parts of the product are kept clean (behind, underneath, upper fins, etc.). Do not use any abrasive product on the aluminium. Clean the product with a damp cloth and a pH neutral soap, and the control panel with a dry cloth.

## 4. Installation & Safety Precautions (EN 60335 Standards)

Before switching on the product, please read the "Installation & Safety Precautions" in detail first to ensure the correct operation of the product.

### 4.1. Installation precautions

The product is designed for household or residential use. You are advised to have the product installed by an authorized professional installer. Make sure the product is properly connected to 230V and is earthed.

## 4.2. Safety precautions

This product can be used by children aged from 8 years and above and persons with reduced physical sensory or mental capabilities or lack of experience and knowledge if they are supervised or have been given instruction concerning use of the appliance in a safe way and understand the hazards involved. Children should not play with the appliance. Cleaning and user maintenance should not be carried out by children without supervision. Children must be supervised at all times to ensure that they do not interfere with the product.

This product is filled with a precise amount of special oil that does not need any maintenance. Any repairs requiring the opening of the oil tank must only be done by ROINTE or its after-sales service personnel, who should also be notified should an oil leak be noticed. The regulations on discarding oil when the heater is being disposed of must be observed. If the power cable is damaged, it must be replaced by the manufacturer, its after-sales service or authorized personnel in order to avoid any damage.

**WARNING!** In order to avoid overheating, don't cover the product. Don't insert any kind of object in the air vents. Never use with wet hands. Don't place any containers with water, such as glasses, vases, etc. on or near the product. Don't use insecticides, paints or aerosols on or near the product. Don't sit on the product or place anything in front of it.





## European Directive 2012/19/UE

Under the European Directive 2012/19/UE on waste electrical and electronic equipment (WEEE), the product cannot be disposed in the usual council bins and containers. They must be separated to optimize the recovery and recycling of all of the components and materials and reducing the impact to human health and the environment. The symbol of the container crossed out over a horizontal line is marked on all of ROINTE's products to remind the consumer of the obligation to separate them on disposal.

The consumer should contact the local authority or original point of sale to learn more about the correct disposal of this product.

## 5. Guarantee

In this section, we hereby describe the guarantee conditions, which the buyer acquires, on buying this product from ROINTE. These conditions comply with all the rights construed in the national legislation in force, as well as any additional rights and guarantees, which are offered by ROINTE.

**5.1.** Any incident that you might detect in your ROINTE product can be sorted by the product seller or quickly by the manufacturer. Please **contact ROINTE by telephoning 0203 321 5929 for Technical Support**. Alternatively, you can **email ROINTE at support@rointe.co.uk**, through which we will instruct you on how to solve the incident.

**You will need to state the product reference (located on the label indicating product features), serial number, proof of purchase and the type of incident at hand when contacting us so that we can check the guarantee. In addition, please attach a copy of the product invoice.**

|                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|----------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p>REFERENCE —</p> <p>SERIAL —</p> <p>NUMBER —</p> | <div style="display: flex; justify-content: space-between; align-items: center;">  <div> <p>TCOD: RK6154311</p> <p>REF: KRI1210RAD3</p> <p>INPUT: 230 V~ 50 Hz 1210 W</p> <p>S/N: 84370070808720144424000012</p> <p>KYROS WHITE</p> </div> <div style="text-align: right;">  <div style="display: flex; align-items: center; justify-content: space-around;">   </div> <div style="display: flex; align-items: center; justify-content: space-around;"> <p>IP 21</p>  </div> </div> </div> |
|----------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

**5.2.** ROINTE guarantees that there are no material defects of design or manufacture at the time of original acquisition and guarantees the aluminium for a period of 240 months and any electronic and electrical components for 36 months.

**5.3.** If during the guarantee period, the product does not work correctly under normal use, and any design, material or manufacturing defect is found, ROINTE will repair or substitute the product as it may see fit, in accordance with the terms and conditions as follows:

**5.3.1.** The guarantee is only applicable if the original guarantee is issued by the seller and when the said guarantee is filled in correctly including product reference, series number (marked on the product's label indicating technical features), purchase date and the seller's stamp.

ROINTE reserves the right to reject the guarantee service when this information has been removed or modified after the original product purchase.

**5.3.2.** The guarantee only applies to those cases that concern material, design and manufacturing defects, and under no circumstances covers damage to the product for the following reasons:

**5.3.2.1.** Incorrect use of the product, i.e. used for other purposes that are not construed as its normal use or for not respecting the instructions of use and maintenance given by ROINTE as well as incorrect installation or use of the product that may not comply with the current technical standards of safety.

**5.3.2.2.** Corrosion caused by direct exposure to salt water is excluded from the guarantee. When the product is installed no more than 200m from the coast the guarantee for damages caused by corrosion the period will be reduced by 50%.

**5.3.2.3.** Any unauthorized repairs carried out by unauthorized technicians or opening of the product by unauthorized people.

**5.3.2.4.** Any accidents that are deemed outside the control of ROINTE, such as lightning, fires, floods, natural disasters, public disorders, etc.

**5.3.3.** Any repairs or substitutions that are included in this guarantee do not allow any additions or new periods of guarantee.

**5.3.4.** Any repairs or substitutions covered under this guarantee must be parts that are functionally equivalent. The defective parts or parts removed or replaced shall become the property of ROINTE.

**5.4.** The Technical Service department of ROINTE will advise you if you need to buy any parts not covered under the guarantee or out of guarantee.



**5.5.** This guarantee does not affect the buyer's legal rights stipulated in the current national legislation, nor affects those rights against the distributor or installer that could come forth in compliance with the purchase contract.

**5.6.** In the absence of a national legal legislation applicable, this guarantee shall prevail and may be construed as the buyer's only protection. ROINTE, its offices, distributors and installers may not be held responsible for any accidental damage that emerges due to infringement of any rules implicitly related to this product.

6. KYROS Radiator Technical Characteristics

| MODEL       | NUMB.<br>OF<br>ELEM. | POWER   | VOLTAGE | HEIGHT<br>(mm) | WIDTH<br>(mm) | DEPTH<br>(mm) | INST.<br>DEPTH<br>(mm) | WEIGHT |
|-------------|----------------------|---------|---------|----------------|---------------|---------------|------------------------|--------|
| KRI0330RAD3 | 3                    | 330 W   | 230V~   | 580            | 350           | 98            | 120                    | 10 kg  |
| KRI0550RAD3 | 5                    | 550 W   | 230V~   | 580            | 520           | 98            | 120                    | 14 kg  |
| KRI0770RAD3 | 7                    | 770 W   | 230V~   | 580            | 680           | 98            | 120                    | 18 kg  |
| KRI0990RAD3 | 9                    | 990 W   | 230V~   | 580            | 840           | 98            | 120                    | 22 kg  |
| KRI1210RAD3 | 11                   | 1,210 W | 230V~   | 580            | 1,010         | 98            | 120                    | 26 kg  |
| KRI1430RAD3 | 13                   | 1,430 W | 230V~   | 580            | 1,180         | 98            | 120                    | 30 kg  |
| KRI1600RAD3 | 15                   | 1,600 W | 230V~   | 580            | 1,330         | 98            | 120                    | 34 kg  |



Cut along the dotted line

# CERTIFICATE OF GUARANTEE

In the event of detecting any defect in the product within the period of guarantee, you must fill in the following Guarantee Certificate and send it to us stamped together with a copy of the sales invoice via email to **support@rointe.co.uk** or to the following postal address: INDUSTRIAS ROYAL TERMIC, S.L., C/E, Parcela 43, 30140 Santomera (Murcia, Spain).

For new constructions, it is essential that you attach the Certificate of First Occupation.

| CERTIFICATE OF GUARANTEE |                 |
|--------------------------|-----------------|
| REFERENCE:               | N° SERIES:      |
| USER:                    |                 |
| HOME ADDRESS:            |                 |
| TOWN:                    | POSTCODE:       |
| PROVINCE:                | COUNTRY:        |
| TELEPHONE:               | SELLER'S STAMP: |
| EMAIL:                   |                 |
| PURCHASE DATE:           |                 |

NB: This certificate of Guarantee must be filled in out in full in order to obtain guarantee rights. The date of purchase and seller's stamp are compulsory. Please, attach a copy of your sales invoices. In addition, for new constructions include the Certificate of First Occupation.

# KYROS



We hope you enjoy your product!

**Thank you for choosing Rointe.**



**ROINTE UK**

Catalyst House  
720 Centennial Court, Centennial Park  
Elstree, Herts, WD6 3SY

T. 0203 321 5928

F. 0208 953 5861

**Technical Support**

T. 0203 321 5929

[support@rointe.co.uk](mailto:support@rointe.co.uk)  
[www.rointe.co.uk](http://www.rointe.co.uk)