



K Series



INSTRUCTIONS MANUAL

MOUNTING, INSTALLATION,
STARTING AND OPERATION



ENGLISH 3

Thank you very much for choosing the low consumption K SERIES digital electric radiators with an exclusive electronic time and temperature programmer, made with maximum quality components especially for you. The low consumption K SERIES digital electric radiators have passed the strictest quality controls to satisfy the most rigorous safety and energy efficiency requirements. Thanks to the OPTIMIZER ENERGY PLUS, exclusive to the ROINTE SYSTEM, the low consumption K SERIES digital electric radiators achieve the maximum energy saving.

Before using the low consumption K SERIES digital electric radiators, we recommend that you read this instruction manual in order to ensure correct operation.



ENGLISH

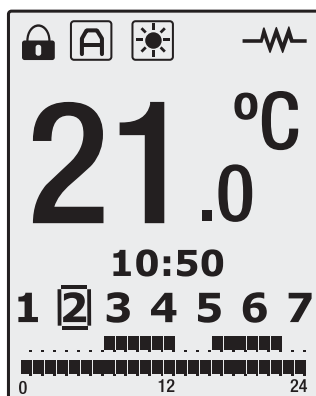
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1. DESCRIPTION OF THE “K SERIES ” RADIATOR

1.1. Front panel parts

TFT DISPLAY

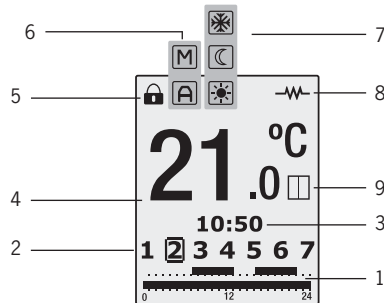


CONTROL PANEL





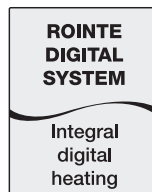
1.1.1. TFT display symbols



SEGMENT	INDICATION
1	PROGRAMMING
2	DAYS OF THE WEEK
3	TIME OF DAY
4	TEMPERATURE SELECTED
5	LOCKING THE CONTROL PANEL
6	MANUAL/AUTOMATIC FUNCTION
7	COMFORT/ECONOMY/ANTI-FROST MODE
8	RADIATOR ON
9	OPEN WINDOW FUNCTION

1.2. Switching On & Off (stand-by)

By pressing the key , we can switch the radiator on or off. The following image will appear on the screen when switched on:



The screen will automatically go into sleep mode if no button is pushed for 10 seconds. By pushing the button again the radiator will go into standby mode with the word "Standby" appearing followed by the Rointe logo.

1.3. Setting the day and time

By pressing the button  for 3 seconds, we can access the time and date adjust feature to adjust the time and date of our radiator.

Pressing the button , flashes up the hours, minutes and days of the week according to the number of times it is pressed. With the buttons  and  we can alter the current settings.

To leave the time and date adjust feature, wait 30 seconds or press  after the date select.

1.4. Blocking the control panel

By pressing the keys  and , at the same time for 3 seconds, we block the control panel, the  control panel symbol is activated, and the keys will not respond when pressed. The following symbol will appear on the screen if any button is pushed: 

To unblock, press again the keys  and , at the same time for 3 seconds.

1.5. Temperature selection

By pressing  or  we change the temperature. When the room temperature is lower than the one set, the radiator comes on, the  symbol appearing.

1.6. Manual/Automatic functions

By pressing  we change between the Manual and Automatic functions.

When the Manual function is selected, the symbol  appears on the display. When the Automatic function is selected, the symbol  appears on the display.

1.6.1. Manual function

This enables to choose between the modes of operation COMFORT, ECO and ANTI-FROST, changing the temperature as indicated in Section 1.5.

ICON	MODE	TEMPERATURE RANGE
	COMFORT	20°C – 30°C
	ECO	15°C – 19,5°C
	ANTI-FROST	8°C

1.6.2. Automatic function

This mode activates the programming set on the radiator.

1.7. Menu/Programming function

By repeatedly pressing  we can see the programming that is saved in the radiator for each day. Pressing only once shows day one, twice shows day two and so on.

Pressing  for 3 seconds allows you to program the radiator directly:

1. Select the COMFORT temperature setting (20°C to 30°C), using  and . The symbol  and the temperature will flash.



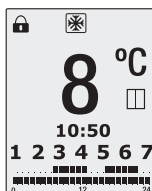
2. Press  and we can select using  and  the ECO temperature (15°C to 19.5°C). The symbol  and the temperature will flash.
3. After pressing the button  once again, the numbers of the week will start flashing and show as SEL1, SEL2, SEL3.... We can go forwards and backwards using the button  and . Press  to select the day that we wish to program.
4. Pressing , takes us to the hour we wish to program. To change the hours use the  or , buttons. The hours selected will show as (0h, 1h, 2h,...). By pressing the  button, we can select hour by hour the mode required: CONFORT, ECO or OFF.
5. To finish the programming press  or leave it for 30 seconds without pressing any buttons.

1.8. "Open Window" function

This function is activated when the probe detects a reduction of 4° in respect of the set temperature during 30 minutes. On activation the following image will appear on the radiator display for 5 seconds:



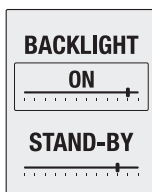
When the "Open window" function is activated, the following screen will appear showing that the anti-frost mode is activated:



This function will be active for 2 hours. If the button  is pushed during this period the radiator will switch off. Pushing the button  again will switch on the radiator without the "Open window" function being switched on.

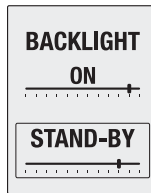
1.9. Screen brightness function

You can change the brightness of the screen by pushing the button  for 3 seconds when the product is in manual mode. Entering this mode you will see the following screen:



In ON mode you can increase or decrease the brightness of the screen by using the  and  buttons.

You can change the "Standby" mode brightness by pushing the button  to move the frame to the "STAND-BY" position. You can then adjust the brightness by pushing the same  and  keys.



To finish the programming wait for 10 seconds without pressing any buttons.

2. INSTALLATION & MOUNTING

The radiator must never be installed immediately below a power point.

In bathrooms, the radiator must never be installed where the switches and other devices may be within the reach of someone in the shower or bathtub.

2.1. Mounting

The K SERIES radiator works by means of natural air convection (Figure 1). In order to achieve optimal functioning and an even distribution of heat, the lower part of the radiator, once mounted on the wall, must be at least 10 to 12 cm from the floor, and 30 cm at the most.

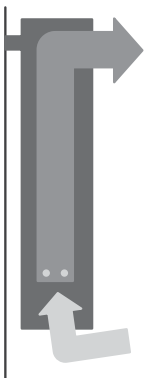


Fig. 1

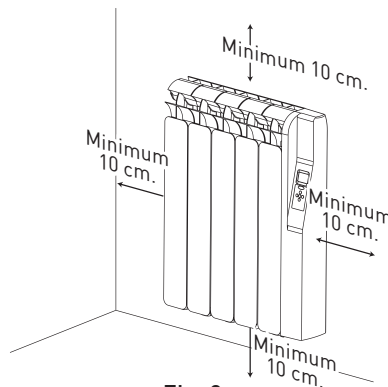


Fig. 2



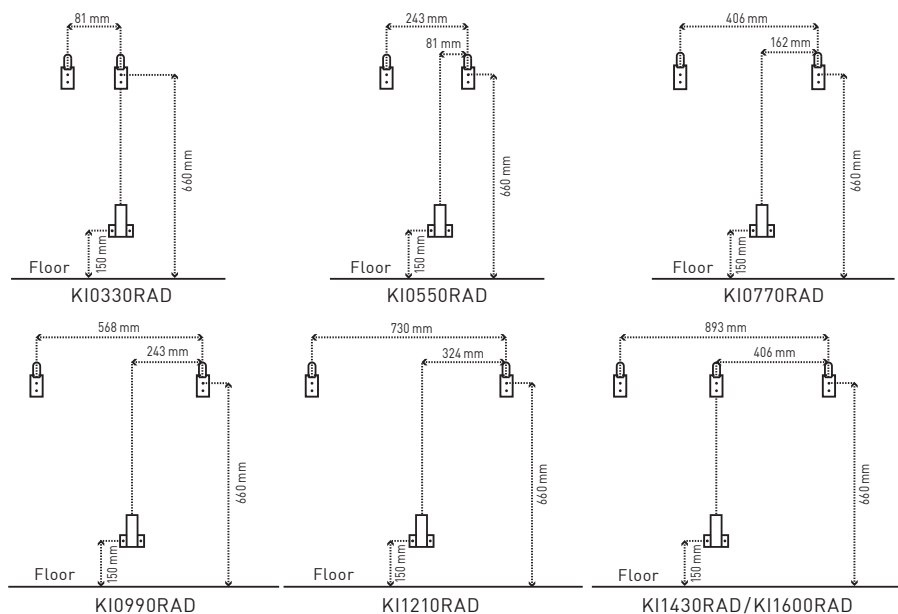
As for the sides and above, a minimum distance of between 10-12 cm must be left from any wall or brickwork in order for it to function correctly (Figure 2).

2.2. Fixing the supports

Inside the packaging you will find a fixing kit and in the base of the radiator you will find a security support.

- Choose the right part of the wall.
- Place the mounting stencil on the wall, marking the places for the holes.
- Remove the stencil and make the holes in the wall.
- Fix the top supports using the plugs and screws provided, or others suitable for the wall type.
- Check the correct positioning of the lower support.
- Place the radiator in the top supports.
- Screw the lower support to the wall.

Installing template measures depending on the model:



3. MAINTENANCE & CLEANING

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

4. INSTALLATION & SAFETY PRECAUTIONS (EN 60335 STANDARDS)

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

4.1. Installation precautions

The radiator is designed for household or residential use. You are advised to have the radiator installed by an authorized dealer or personnel. Make sure the radiator is properly connected to 220V - 230V, and is earthed.

4.2. Safety precautions

This product is not intended to be used by persons (including children) with reduced physical, sensory, or mental capacities, or have no experience or knowledge of the product, except if they are supervised or instructed in the use of the product by a person who is responsible for his or her safety.

Children must be supervised at all times to ensure that they do not play with the product.

This radiator heater is filled with the exact 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, 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 heater. 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 the radiator. Don't use insecticides, paints or aerosols on the radiator. Don't sit on the radiator or place anything in front of it.





European Directive 2002/96/EC

Under the European Directive 2002/96/EC on waste electrical and electronic equipment (WEEE), the apparatus 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 marks 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

5.1. If your ROINTE radiator needs to be sent to the guarantee service, send it to the dealer / installer where it was purchased. In the event of any problems, you can contact ROINTE on its TECHNICAL ASSISTANCE HELPLINE 0208 953 5363 or e-mail us at support@rointe.co.uk

5.2. ROINTE guarantees this product is free from defects in material, design and workmanship at the time of its purchase and for the immediately following period of 120 months regarding aluminium and leaktightness, and 24 months for electric and electronic parts.

5.3. If the radiator fails to work properly during the guarantee period, due to defects in design, materials or workmanship, ROINTE shall repair or replace the radiator, whichever it considers to be more advisable, in the terms and conditions stated below:

5.3.1. The guarantee shall only be covered if the original Certificate of Guarantee issued to the buyer by the dealer or installer is presented, and when the guarantee states the radiator serial number and model (on the technical data label) and its date of purchase. ROINTE reserves the right to refuse the guarantee service when this information has been removed or changed following the original purchase of the product.

The original receipt or invoice shall only be accepted as proof of purchase when presented to the dealer or installer that sold the product.

5.3.2. The guarantee shall only be applicable to cases regarding defects in materials, design and workmanship, and shall never cover any damages due to the following:

5.3.2.1. Incorrect use of the product for other than normal purposes or failure to observe the instructions given by ROINTE regarding the use and maintenance of the radiator, as well as the installation or use of the product in a way that fails to comply with the applicable technical safety standards.

5.3.2.2. Repairs made by unauthorized repair shops or the opening of the radiator by unauthorized persons.

5.3.2.3. Unforeseen circumstances beyond the control of ROINTE, such as lightning, fire, floods, public disorder, etc.

5.3.2.4. The repairs or replacements covered in this guarantee do not permit any extension or new beginning of the guarantee period.

The repairs or replacements covered in this guarantee shall be made with functionally equivalent reconditioned units. The faulty parts or pieces removed shall become the property of ROINTE.

5.3.2.5. This guarantee does not affect the buyer's statutory rights under the current national laws, or the buyer's rights against those of the dealer or installer arising from the contract of sale.

5.3.2.6. In the event of there being no national legislation applicable, this guarantee shall be the buyer's sole protection. ROINTE, its offices, dealers and installers shall not be held liable for any type of damages, whether fortuitous or accidental, arising from the failure to observe any of the regulations related with this product.

MODEL	NO. OF ELEM.	POWER	TENSION	HEIGHT	WIDTH	DEPTH	INST. DEPTH	WEIGHT
KI0330RAD	3	330 W	230V~	575 mm	320 mm	98 mm	120 mm	10 kg
KI0550RAD	5	550 W	230V~	575 mm	490 mm	98 mm	120 mm	14 kg
KI0770RAD	7	770 W	230V~	575 mm	650 mm	98 mm	120 mm	18 kg
KI0990RAD	9	990 W	230V~	575 mm	810 mm	98 mm	120 mm	22 kg
KI1210RAD	11	1,200 W	230V~	575 mm	980 mm	98 mm	120 mm	26 kg
KI1430RAD	13	1,400 W	230V~	575 mm	1,150 mm	98 mm	120 mm	30 kg
KI1600RAD	15	1,600 W	230V~	575 mm	1,300 mm	98 mm	120 mm	34 kg



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