Rointe

SYGMA

10 years **Guarantee** **2** years Electric and electronic components
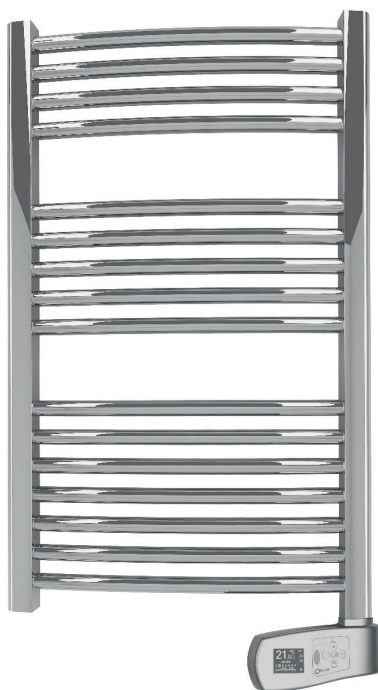
INSTRUCTION MANUAL
DIGITAL ELECTRONIC TOWEL RAIL

Information, operation & installation

ECODESIGN
ACHIEVES & EXCEEDS ALL EFFICIENCY REGULATIONS
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LOT 20 READY

Class II □

INFRARED CONTROL

ISO 9001
BUREAU VERITAS
Certification
1828

RoHS

CE

EAC

SYGMA

Contents:

1. Product information and operation

1.1. Control panel

1.1.1. Keypad

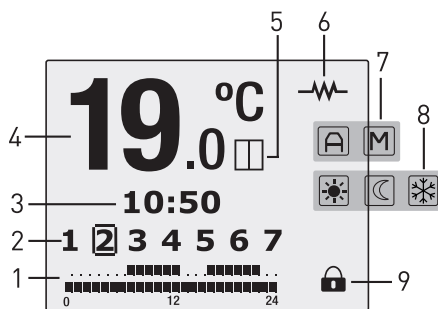| ICON	DESCRIPTION
⏻	On / Off button Accept / Confirm button
⊖	Decrease temperature button Move left button
⊕	Increase temperature button Move right button
2H	2 Hour BOOST function Move upwards button
MAN/AUT	MANUAL / AUTOMATIC button Move downwards button

1.1.2. Display panel

NO.	DESCRIPTION
1	Programming
2	Days of the week
3	Time of day
4	Temperature selected
5	OPEN WINDOWS function indicator
6	Heating element active indicator
7	MANUAL / AUTOMATIC function indicator
8	COMFORT / ECO / ANTI-FROST mode indicator
9	Control panel locked through keypad

1.1.3. Symbol information

SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
	OPEN WINDOWS function - active	❄	ANTI-FROST mode active
⎰	Heating element active	A	AUTOMATIC function active
☀	COMFORT mode active	M	MANUAL function active
☾	ECO mode active	🔒	Control panel locked through keypad

1.2. Switching on and off (stand-by)

To switch the product on, please press the ⏻ button once. After 5 seconds the temperature, time and days of the week will be show on the display panel.

To switch the product off, please press the ⏻ button again once. The product will go into stand-by mode with the word 'STAND-BY' displayed on the display panel.

1.3. Adjust the day and time

To adjust the day and time, please ensure you are in MANUAL function (see section 1.8.) Then press and hold the (MAN/AUT) button on the keypad for 3 seconds. Use the buttons (−) and (+) to set the hour, then press (MAN/AUT) to confirm. Then use the (−) and (+) buttons to set the minutes and press (MAN/AUT) to confirm. Finally, use the (−) and (+) buttons to set the day (1 = Monday, 2 = Tuesday etc.) and confirm by pressing the (MAN/AUT) button. You will then return to the main display panel.

1.4. Adjust the temperature

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 ᴟᴟᴟ symbol appearing in the top right of the display panel.

1.5. Lock the control panel

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.

1.6. Adjust the Display Panel brightness

To change the brightness of the display panel you must be in MANUAL function (see section 1.8). Press and hold the (2H) button for 3 seconds. Then with the buttons (2H) and (MAN/AUT) you can switch between the two options for the display panel brightness.

With the buttons (−) and (+) 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 do not touch any buttons on the keypad for 10 seconds and you will return to the main display.

1.7. Two Hour Boost function

The two hour BOOST mode will override any other set mode and will boost your product to maximum power for a period of two hours. To set the BOOST mode, press the (2H) button on the keypad. To cancel the two hour boost mode, press the (2H) button again. Once the product is set on this mode, the display will show this image:
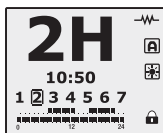
1.8. MANUAL/AUTOMATIC functions

To change or choose the MANUAL or AUTOMATIC function, press the (MAN/AUT) button on the keypad. You can change from AUTOMATIC to MANUAL and vice versa by pressing the (MAN/AUT) button again. On the display panel, the symbol $\boxed{A}$ will appear for the AUTOMATIC function and the symbol $\boxed{M}$ for the MANUAL function.

MANUAL	AUTOMATIC
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.

1.8.1 MANUAL function

This function enables you to choose between the COMFORT, ECO and ANTI-FROST modes of your product. Here you can adjust the temperature of these modes.

☀ COMFORT	☾ ECO	❄ ANTI-FROST
From 20ºC to 30ºC	From 15ºC to 19.5ºC	8ºC

To adjust the temperature when in MANUAL function see section 1.4. The icons for COMFORT, ECO and ANTI-FROST will appear when the temperature is changed to the ranges above.

1.8.2 AUTOMATIC function

To program the AUTOMATIC function, see section 1.8. to put the product into AUTOMATIC function. Then press and hold the (2H) button for 3 seconds to begin programming.

• STEP 1 - Select COMFORT mode temperature

☀ COMFORT mode will be programmed first. Select the COMFORT mode temperature between 20ºC and 30ºC using the (−) and (+) buttons. The ☀ icon and the temperature will flash. Press the (2H) button to confirm.

• STEP 2 - Select ECO mode temperature

☾ ECO mode will be programmed next. Select the ECO mode temperature between 15ºC and 19.5ºC. The ☾ icon and the temperature will flash. Press the (2H) 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 with the same settings and once all days are selected press the (2H) button to move onto setting the hour.

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- 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 ANTI-FROST) for the hour you wish to modify for all the days selected in step 3. The corresponding icon for that mode will appear at the top of the screen.

To finish the programming press (2H) 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 individual 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.

1.9. OPEN WINDOWS function

This function is activated when the temperature sensor detects a drop of 4ºC 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.

When this function is activated by the sensor, the following image will appear on the product display panel for 5 seconds: **OPEN WINDOW**

When the OPEN WINDOWS function is activated, the product will move into ANTI-FROST mode at 8ºC. The ❄ icon will appear on the product display panel showing that the ANTI-FROST mode is active.

2. Installation instructions

2.1. Mounting instructions

Inside the box you will find a mounting kit.

1. Choose the right part of the wall.

2. Place the mounting stencil on the wall, marking the places for the holes.

3. Remove the stencil and make the holes in the wall.

4. Insert the rawl plugs in the holes made.

5. Screw the plastic fastener to the wall with the 5.5 x 50 mm screw.

6. Screw the two brackets for supporting the product and the plastic fastener to the horizontal tube of the product like in Figure 1 with the 8 x 26 mm screw.

7. Insert what you have assembled in Section 6 into the plastic piece and fix well with the 5 x 12 mm screw.

8. Place the cover on the piece supporting the product.

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NO.	ELEMENT
1	10 x 40 mm Rawl Plug
2	Bracket
3	5.5 x 50 mm Screw
4	5 x 12 mm Screw
5	Bracket Insert
6	Bracket Head
7	8 x 26 mm Screw
8	Cap
9	Product
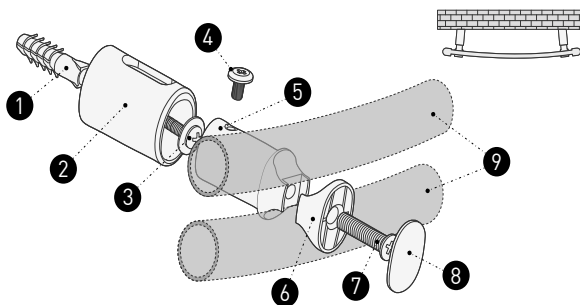
2.2. Connecting instructions

Connection to the mains must be made observing the voltage stated on the product technical data label.

This product is designed to be permanently installed connected to fixed facilities. The product power supply circuit must have an all-pole circuit breaker switch with a separation of at least 3 mm between the contacts.

The product must be installed, if possible, away from any source of draughts (windows, doors) or any other thing which may affect its functioning. In this way, the temperature will not be affected. Place any object which might prevent the air flow (furniture, armchairs) 50 cm away from the front of the product.

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

The lower part of the control panel must be placed at least 15 cm from the floor.

For any product, if the power cable is damaged, it must be replaced by a specific cable. The replacement of the cable must be done by the maker, its after-sales service or qualified personnel. The technical specifications of your product appear on the technical data label.

IMPORTANT:

- This product must never be installed with its control panel at the top.
- This product must not be installed horizontally.
- During installation use wedges so that the control panel will not be in contact with the floor
- Please refer to Figure 2 for correct positioning.

Figure 2:

CORRECT   INCORRECT   INCORRECT
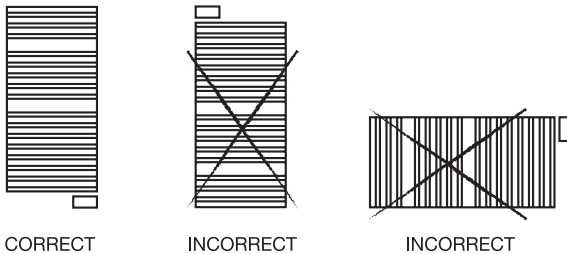
2.3. Specific Regulations for bathrooms

This product is in compliance with CLASS II safety regulations (double insulation). It can be installed according to Figure 3 (in positions A and B in areas 2 and 3 only) whenever it observes the following regulations:

•   In bathrooms, the product must never be installed in such a way that the switches and other control products may be touched by persons in the bathtub or having a shower.
•   In a kitchen or bathroom, the body of the product shall be placed at least 25cm from the floor.
•   The product must not be earthed.

Figure 3:
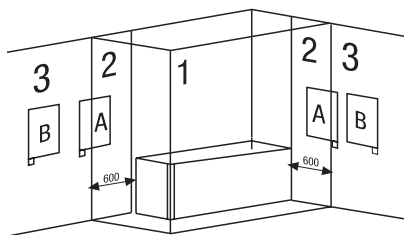
3. Maintenance and cleaning

The product does not require any type of regular maintenance. However, we recommend that all parts of the product are kept clean (behind, underneath, along the rails etc.). Do not use any abrasive material/fluid on the product. Clean the product with a damp cloth and a pH neutral soap. Clean the control panel with a dry cloth.

4. Installation and 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 only. You are advised to have the product installed by an authorized professional installer. Please contact Rointe by telephoning 0203 321 5928 to find your nearest installer. Make sure the product is properly connected to 230V.

4.2. Safety precautions

The product can be used by children aged from 8 years and above and by 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 product in a safe way and understand the hazards involved. The product is not a toy, children should not play with the product. 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.

If the power cable is damaged, it must be replaced by the manufacturer, its after-sales service or authorised personnel in order to avoid any damage.

5. Rointe Product 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.

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.

REFERENCE
SERIAL NUMBER

TCOD: SS6154311
REF: STI1050SEB2
INPUT: 230 V~ 50Hz 500W
S/N: 8436045913098000001
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IP 44

5.1. ROINTE guarantees that there are no material defects of design or manufacture at the time of original acquisition and guarantees the steel body for a period of 120 months and any electronic and electrical components for 24 months, provided that they have not been modified in any way.

5.2. 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:

5.2.1. 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, and either registered on our website at www.rointe.co.uk or returned completed to ROINTE within 90 days of installation. ROINTE reserves the right to reject the guarantee service when this information has been removed or modified after the original product purchase.

5.2.2. The guarantee is only applicable if the product has been installed by a competent person in accordance with this installation manual and all current regulations and codes of practice at the time of installation.

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

5.2.3.1 Damage caused by negligence and/or misuse 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.

5.2.3.2. Corrosion of any part of the product caused by direct exposure to salt water. 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%.

5.2.3.3. Any unauthorised modification of the product or repairs of the product carried out by third parties or unauthorised technicians or opening of the product by third parties or unauthorised people.

5.2.3.4. Any accidents that are deemed outside the control of ROINTE, such as (but not limited to): lightning, fires, floods, natural disasters, public disorder, atmospheric or geologic phenomena etc.

5.2.3.5. Faults that result from an incorrect installation. Guidance can be found within the recommendations for installation, by Rointe and in the installation manual. If in doubt, please contact ROINTE.

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

5.2.5. 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.

5.2.6. The product must be installed in a way that allows access for our technicians should they need to gain access to the product for repair or maintenance. The user/client is responsible for any costs or organisation required to provide access to the products for their repair and/or substitution.

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

5.4. This guarantee will be null and void if the product: has been manipulated, modified and/or repaired in any way and/or by unauthorised persons. This guarantee will also be void if the product is not correctly installed.

5.5. This guarantee is not transferable and does not include claims due to frost or limescale damage.

5.6. Proof of purchase will be required to ROINTE for any claim.

5.7. This guarantee does not affect your statutory rights.

5.8. 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.

5.9. 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.

For help about the product or guarantee, please **contact ROINTE by telephoning 0203 321 5929 for Technical Support** or by **email to support@rointe.co.uk**.

6. European Directive (WEEE) 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 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.

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7. Dimensions & Technical Characteristics

MODEL		STI030SE*2	STI050SE*2	STI075SE*2	STI100SE*2
DIMENSIONS					
Width (mm)		500	500	500	500
Height without control panel (mm)		800	1,200	1,600	1,800
Height with control panel (mm)		900	1,300	1,700	1,900
Depth (mm)		50	50	50	50
Installed Depth (mm)		100	100	100	100
WEIGHTS & FINISHES					
Weight (kg)		11	15	22	28
Finish		White RAL 9016 / Chrome			
ELECTRICAL CHARACTERISTICS					
Nominal Power (W)	White RAL 9016	300	500	750	1,000
	Chrome	300	300	500	750
Voltage (V)		230 ~V	230 ~V	230 ~V	230 ~V
Current (A)	White RAL 9016	1.3	2.2	3.3	4.4
	Chrome	1.3	1.3	2.2	3.3
PERFORMANCE & SECURITY					
Safety thermostat		✓	✓	✓	✓
Protection Grade		IP44	IP44	IP44	IP44
Class II heating element		✓	✓	✓	✓
INSTALLATION					
Template & Installation Kit		✓	✓	✓	✓
EAN CODES	**WHITE RAL9016**	8436045913081	8436045913098	8436045913104	8436045913111
	CHROME	8436045912923	8436045912930	8436045912947	8436045912954

CERTIFICATE OF GUARANTEE

◯ Rointe®

In the event of any defect being detected in the product within the period of guarantee, you must fill in the below Certificate of Guarantee 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).

CERTIFICATE OF GUARANTEE

REFERENCE:	Nº SERIES:	PURCHASE DATE:
USER:		
HOME ADDRESS:		
TOWN:		POSTCODE:
COUNTY:		COUNTRY:
TELEPHONE:		EMAIL:
SELLER'S STAMP:		

NB: This certificate of Guarantee MUST be completed in full in order to obtain guarantee rights. The purchase date 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.

NOTES:

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