



SYGMA

INSTRUCTIONS MANUAL SYGMA DIGITAL ELECTRIC TOWEL RAIL

EN

MOUNTING, INSTALLATION,
STARTING AND OPERATION



10 years **Guarantee**
2 years
Electric and
electronic components

Class II

INFRARED CONTROL

CE



WELCOME

Dear Customer,

Thank you for choosing the SYGMA digital electric towel rail, with an exclusive electronic temperature programmer and made with the highest quality materials especially for you.

The SYGMA digital electric towel rail have exceeded the most stringent quality controls in order to comply with the most rigorous requirements for safety.

Before using the SYGMA digital electric towel rail, we recommend that you read this instruction manual in order to ensure correct operation.

IMPORTANT
THIS MANUAL SHOULD BE LEFT WITH THE PRODUCT AFTER
INSTALLATION



ENGLISH

ATTENTION:

If you are the owner of a model bought in the UK or Éire, please refer **ONLY** to its manual as the specifications of the towel rails are different.

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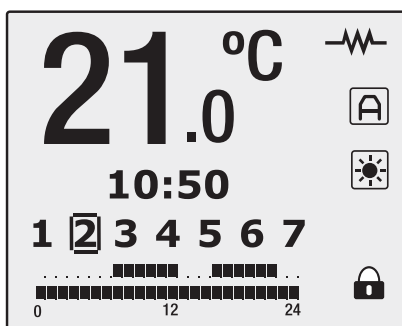
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SYGMA

1. DESCRIPTION OF THE SYGMA TOWEL RAIL

1.1. Front panel parts

TFT DISPLAY

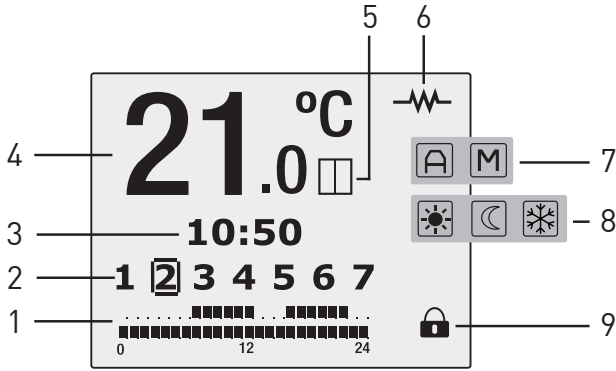


CONTROL PANEL





1.1.1. TFT display symbols



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

1.2. Switching On & Off (stand-by)


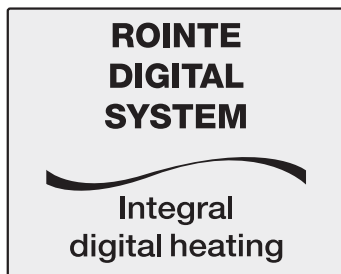
By pressing the key , we switch the towel rail on or off. The following


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 towel rail will go into standby mode with the word "Standby" appearing followed by the Rointe logo.

1.3. Setting the day and time



In order to adjust the time and day of the week, please follow the steps below. First we choose the hour, then the minutes, then the day of the week.

To enter the time and day adjust mode, press and hold the  button for 3 seconds. The hours will start flashing.

Select the hour using the  and  buttons to move the hour up or down. Press  once and the minutes will start to flash.




In the same way as with the hours, use  and  to increase or decrease the minutes to select the correct time.

Once the minutes are correct press  again so that the day  flashes.

This represents Monday. With the  button we can advance through to day 2 (Tuesday), day 3 (Wednesday), etc. until we reach the required day. Press  again to confirm the day and to leave the time and date adjust mode.






1.4. Locking the Control Panel

By pressing the keys  and  at the same time for 3 seconds, we lock the control panel. The control panel symbol  is activated and the keys will not respond when pressed. If one key is pressed this image will appear in the screen of the towel rail:






To unlock, press the  and  keys again, 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 set temperature, the electric towel rail will begin to generate heat and the  symbol will appear.

1.6. Manual / Automatic Mode

By pressing  we change between the Manual and Automatic mode. When the manual mode is selected, the symbol  appears on the display. When the automatic mode is selected, the symbol  appears on the display.

1.6.1. Manual Mode


This enables you to choose between the CONFORT, ECO and ANTI-FROST modes of operation, 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 mode

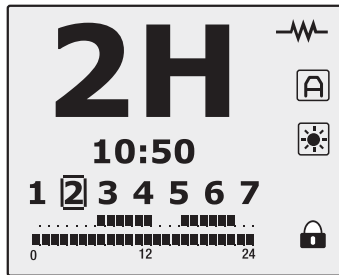
This mode activates the programming set on the heated towel rail.

1.7. Two-hour Boost Mode (2H)

By pressing the key , the heated towel rail will work for two hours at maximum power, regardless of any other mode. This mode takes priority over any other.


When the heated towel rail is set on the two-hour mode, the screen will show this image: **2H** MAX POWER for a few seconds.

Once the towel rail is set on the two-hour mode, and until the two hours have finished or the  key is pressed again, the display will show this image:



1.8. “Open Window” function

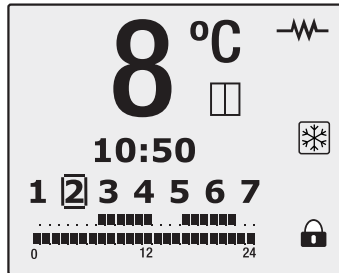
This function is activated when the sensor detects a reduction of 4°C in respect of the set temperature during 30 minutes.



On activation, the following image will appear on the towel rail display for 5 seconds: OPEN WINDOW 

When the “Open Window” function is activated, the following screen




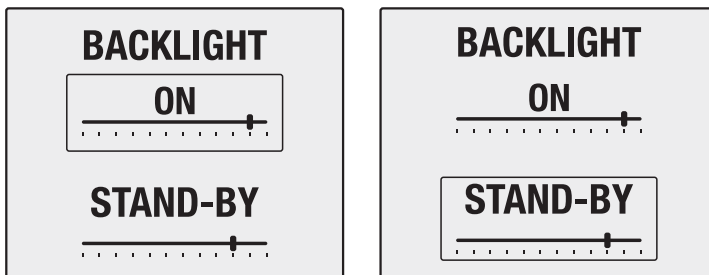
will appear showing that the anti-frost mode is activated:








This function will be active for 2 hours. If the button  is pushed during this period the towel rail will switch off. Pushing the button  again will switch on the towel rail 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. PROGRAMMING THE SYGMA TOWEL RAIL


IMPORTANT NOTICE: PLEASE READ THE INSTRUCTIONS FULLY BEFORE STARTING THE PROGRAMMING TO ENSURE A GOOD UNDERSTANDING OF THE PROCESS.



It is possible to programme the towel rail using the control panel.

In order to start the programming please ensure that the screen shows automatic mode with the symbol .



If the screen shows an  symbol, please press the  button to change modes.

By pressing and holding  for 3 seconds the button we enter programming mode.



The first thing you will see is the sun symbol  flashing, representing the comfort mode. The comfort mode temperature will also be displayed.




Using the  and  buttons we can increase and decrease the temperature desired within the comfort mode, from 20°C to 30°C.

This temperature will be applied later when programming an hour with the comfort mode setting.








Once the comfort mode temperature is selected, press the  button so that the moon symbol  appears flashing. This symbol represents the economy (eco) mode. The economy mode temperature will also be displayed.




Using the  and  buttons we can increase or decrease the eco mode temperature, from 15°C to 19,5°C. The selected temperature will be applied later when programming an hour with the eco mode setting.

Next we press the  button to move to selecting the days of the week that we wish to program from  (Monday) to  (Sunday). These numbers will initially be flashing and they will also be represented by DAY 1, DAY 2, DAY 3,... etc.

Pressing the on/off button  will select a day, which will stop flashing.




To select another day to be programmed, use  and  to change the day (we can move directly from day  to day  and day  to day , if required) and select each day by pressing the on/off button  so that it stops flashing.

Repeat this until all the days you wish to be programmed have stopped flashing.

Once you are ready, we can move on to programming hour by hour by pressing the .

NOTE: At this stage, it is possible that you have programmed the towel rails previously and you are now changing the programming. When the days selected have different programming, they will all change by default to the programming of the last day selected, which also happens when programming with the remote control.

From the numbers we can see the selected hour in 24 hour display (0h is midnight, 01h, 02h,...).

On the hourly programming bar at the bottom of the screen you will see the programming for the whole day and the selected hour flashing. Use the  button to change between COMFORT ( symbol), ECO () and OFF for every hour.

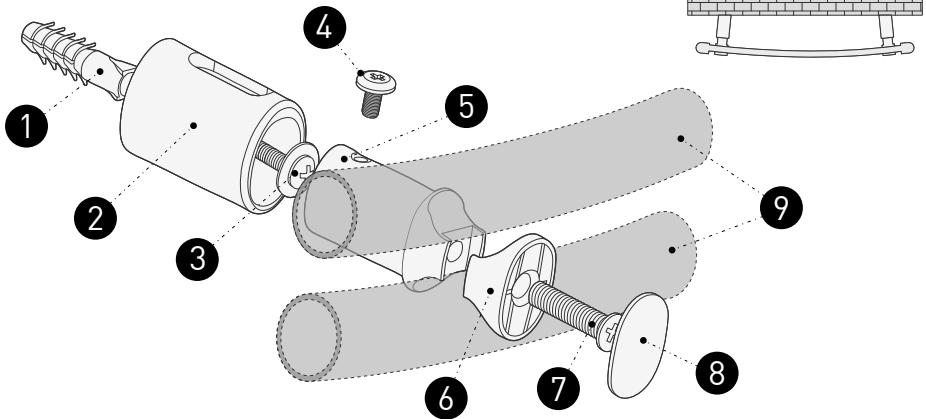
Move through the hours using \ominus or \oplus and change each hour's programming using the \textcircled{H} button every time you wish to change the setting.

If you do not wish to change the programming of a particular hour, continue to the next hour you wish to change. Once all of the hours are programmed, or left blank without programming, press the $\textcircled{2H}$ button to exit or leave the unit for 30 seconds without pressing anything.

3. 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 heated towel rail and the plastic fastener to the horizontal tube of the heated towel rail 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 stud bolt.
8. Place the cover on the piece supporting the heated towel rail.



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	Towel Rail

Figure 1 - Cross section of the mounting of the towel rail

4. CONNECTING INSTRUCTIONS

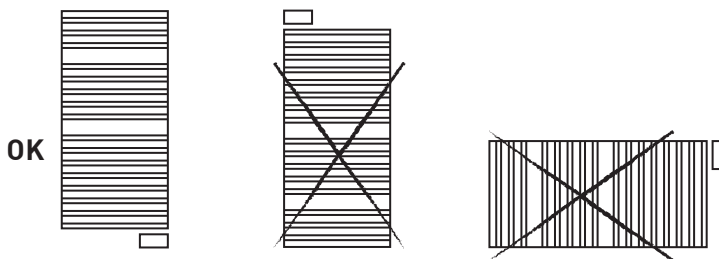
Connection to the mains must be made observing the voltage stated on the product technical data label.

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

The appliance 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 appliance. The electric towel rail 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 appliance, 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 appliance appear on the technical data label.



IMPORTANT

- This device must never be installed with its control panel at the top.
- This device must not be installed horizontally.
- During installation, use wedges so that the control panel will not be in contact with the floor.



4.1. SYGMA Towel Rail Technical Characteristics

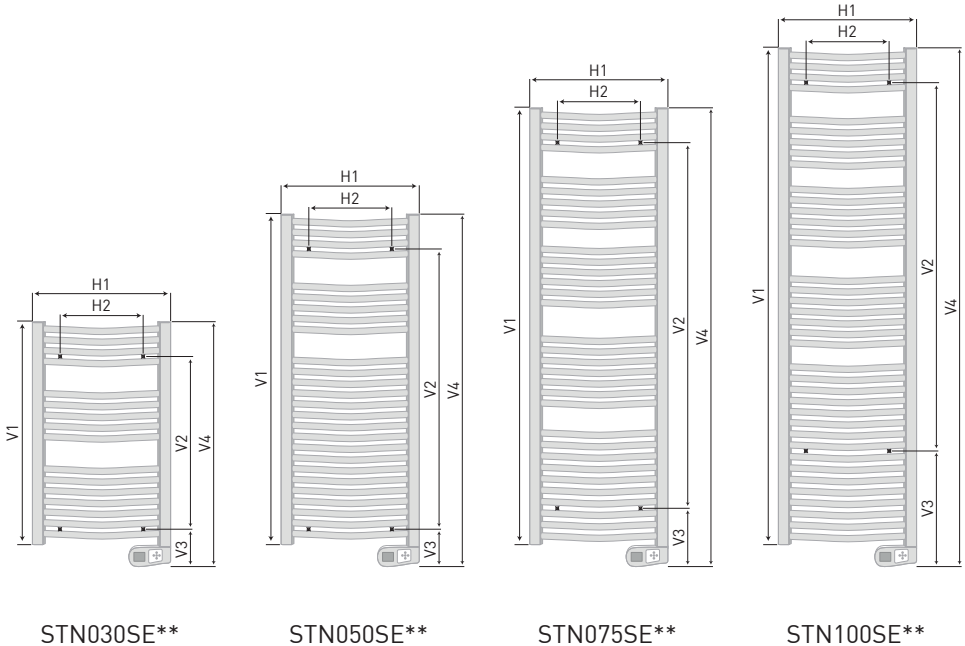


Figure 2 - Towel Rail Measures

REFERENCE	H1 (mm)	H2 (mm)	V1 (mm)	V2 (mm)	V3 (mm)	V4 (mm)
STN030SE**	500	300	800	640	149	900
STN050SE**	500	300	1,200	1,040	149	1,300
STN075SE**	500	300	1,600	1,360	228	1,700
STN100SE**	500	300	1,800	1,360	425	1,900

SYGMA TOWEL RAIL TECHNICAL CHARACTERISTICS

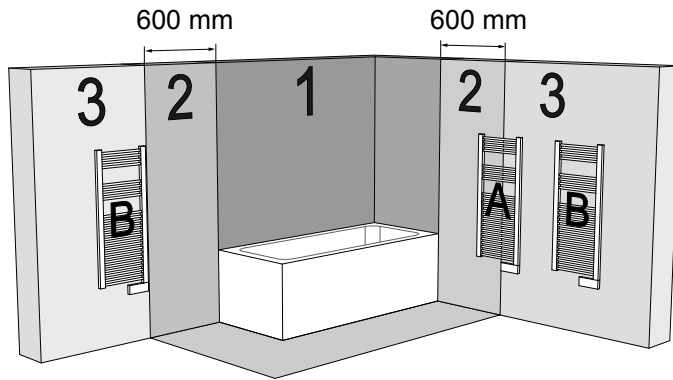


MODEL	FINISH	POWER	VOLTAGE	TOTAL HEIGHT (mm)	WIDTH (mm)	DEPTH (mm)	INST. DEPTH (mm)	WEIGHT
STN030SEB2	WHITE	300 W	230V~	900	500	50	100	11 kg
STN030SEM2	METALLIC	300 W	230V~	900	500	50	100	11 kg
STN050SEB2	WHITE	500 W	230V~	1,300	500	50	100	15 kg
STN050SEM2	METALLIC	500 W	230V~	1,300	500	50	100	15 kg
STN075SEB2	WHITE	750 W	230V~	1,700	500	50	100	22 kg
STN075SEM2	METALLIC	750 W	230V~	1,700	500	50	100	22 kg
STN100SEB2	WHITE	1,000 W	230V~	1,900	500	50	100	28 kg
STN100SEM2	METALLIC	1,000 W	230V~	1,900	500	50	100	28 kg
STN030SEC2	CHROME	300 W	230V~	900	500	50	100	11 kg
STN050SEC2	CHROME	300 W	230V~	1,300	500	50	100	15 kg
STN075SEC2	CHROME	500 W	230V~	1,700	500	50	100	22 kg
STN100SEC2	CHROME	750 W	230V~	1,900	500	50	100	28 kg



4.2. Specific Regulations for Bathrooms

This device is in compliance with CLASS II safety regulations (double insulation). It can be installed in areas 2 and 3, position A and B whenever it observes the following regulations:



- In bathrooms, the electric towel rail must never be installed in such a way that the switches and other control devices may be touched by someone in the bathtub or having a shower.
- In a kitchen or bathroom, the body of the heated towel rail shall be placed at least 25 cm from the floor.
- It must not be earthed.

5. MAINTENANCE & CLEANING

Thanks to the high standard of its materials and surface treatment, your heated towel rail is protected against corrosion.

Don't use abrasive or corrosive products. Use a cloth with alcohol, taking the precaution to switch off the device beforehand. For the control panel, use a dry cloth (without any solvents).

5.1. Safety

This appliance 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 play with the product.

6. GUARANTEE

6.1. If you need to invoke the guarantee service, contact the dealer / installer where it was purchased. In the event of any problems, you can contact ROINTE on its TECHNICAL ASSISTANCE HELPLINE **01432 598 024** or e-mail us at **support@rointe.co.uk**

6.2. ROINTE guarantees this product is free from defects in materials, design and workmanship at the time of its purchase and for the immediately following period of 120 months regarding steel and leak tightness, and 24 months for electric and electronic parts.

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

6.3.1. 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 towel rail 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.



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

6.3.2. 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:

6.3.2.1. 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 heated towel rail, as well as the installation or use of the product in a way that fails to comply with the applicable technical safety standards.

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%.

6.3.2.2. Repairs made by unauthorized repair shops or the opening of the heated towel rail by unauthorized persons.

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

6.3.2.4. 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.

6.3.2.5. 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.

6.3.2.6. 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.

European Directive (WEEE) 2012/19/EU

Under the European Directive 2012/19/EU 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 reduce 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.



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:	Nº 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.



SYGMA

DIGITAL ELECTRIC TOWEL RAIL





ROINTE UK

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

T. 01432 598 019
F. 0208 953 5861

SUPPORT

T. 01432 598 024

support@rointe.co.uk
www.rointe.co.uk

ROINTE HEAD OFFICE

Pol. Ind. Vicente Antolinos
C/ E, Parcela 43
30140 Santomera, Murcia, España

T. 902 158 049
F. 968 277 125

SERVICIO TÉCNICO

T. 902 130 134

sat@rointe.com
www.rointe.com