



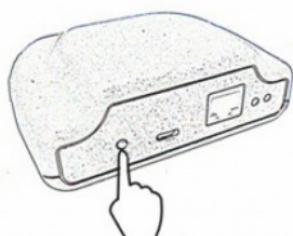
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Web control.

First steps.

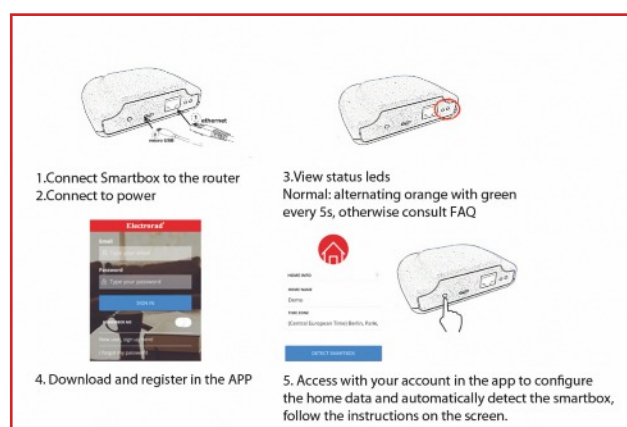
To control the radiators through the Webapp or Smartphone apps, you need a **Smartbox** that connects the radiators to the Internet, using the home router.



The Smartbox unit communicates with the radiators via radio frequency, and with the router via an Ethernet cable (supplied).

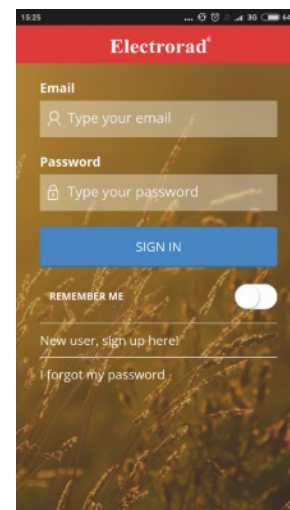
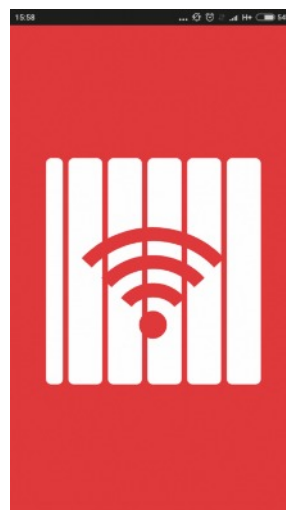
The process to follow is as follows:

- Connect the Smartbox to the router using the network cable.
- Use the microUSB cable
- Check LED status, Normal: orange alternating with green every 5s, otherwise consult FAQ.
- Register in **app.controls-electrorad.co.uk** or through the app (step explained below).
- Access through your account to the app to set up your home and automatically detect the Smartbox.



To get the app, you must enter the “Play Store” (Android) or App Store (iOS) and download “Electrorad”.

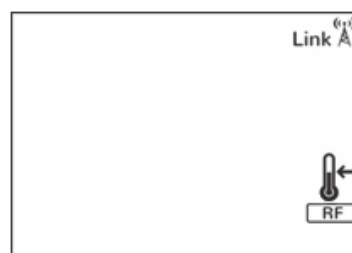
Create an account to access the application by clicking on “new user”.



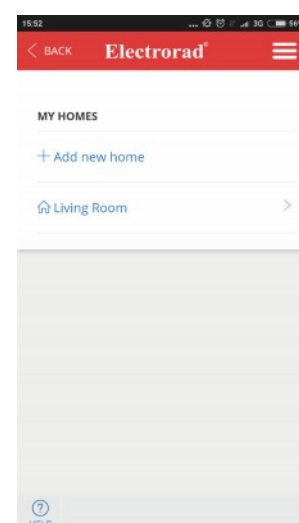
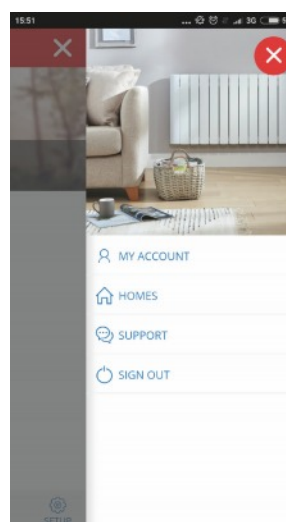
Now you can enter the account with the data provided (you may receive a confirmation email).

Associate radiators to the Smartbox

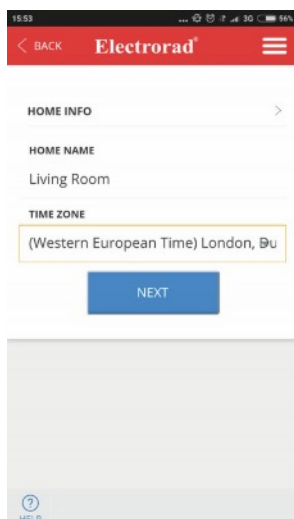
The radiators have to be associated to the Smartbox equipment to be controllable through the apps. Once the installer is done, the “link” indicator will appear on the screen:



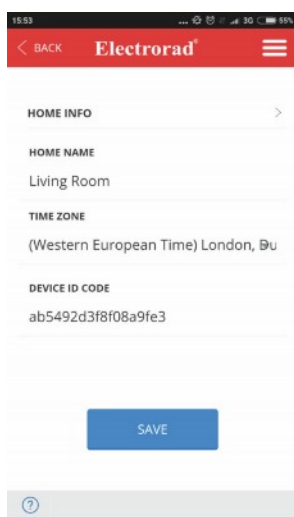
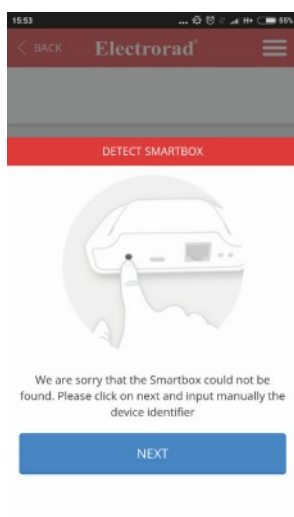
You can use the app to associate them, from the drop-down menu, click on Homes and then click + Add home, to synchronize the Smartbox.



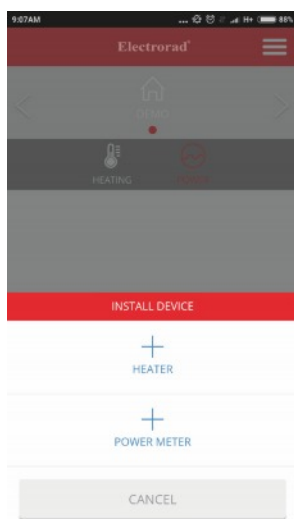
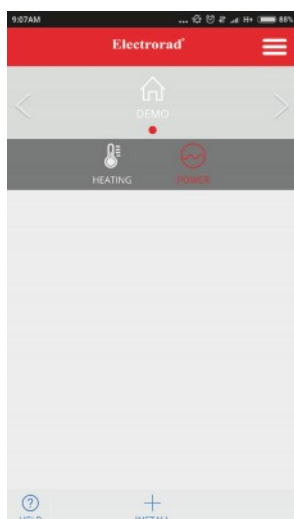
Then click on “Detect Smartbox”.



If is not detected automatically, you will see a screen like this, where you will enter the code that comes from the bottom of the Smartbox and click on “ADD”.



Once connected to the Smartbox, you have to connect to the radiator. To install the radiator, click “+” in the main application window, select the options and follow the instructions.



When the Smartbox is in Discovery mode, press “mode” on the radiators for 3 seconds



If you are an installer and do not have the app, to activate the Smartbox in discovery mode:

-On the Smartbox, press the “discovery” button for 3 seconds.

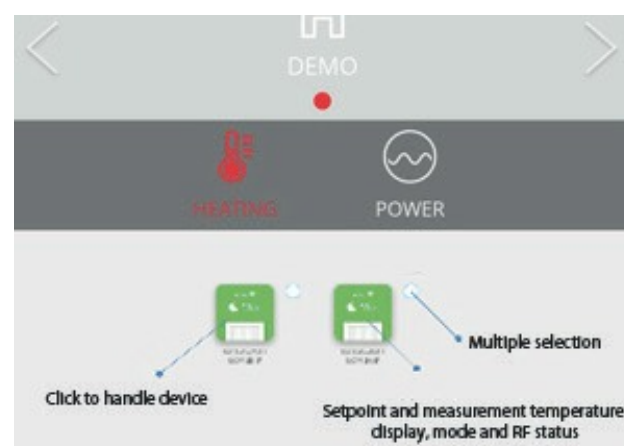


-Then press “mode” for 3 seconds on the radiator.

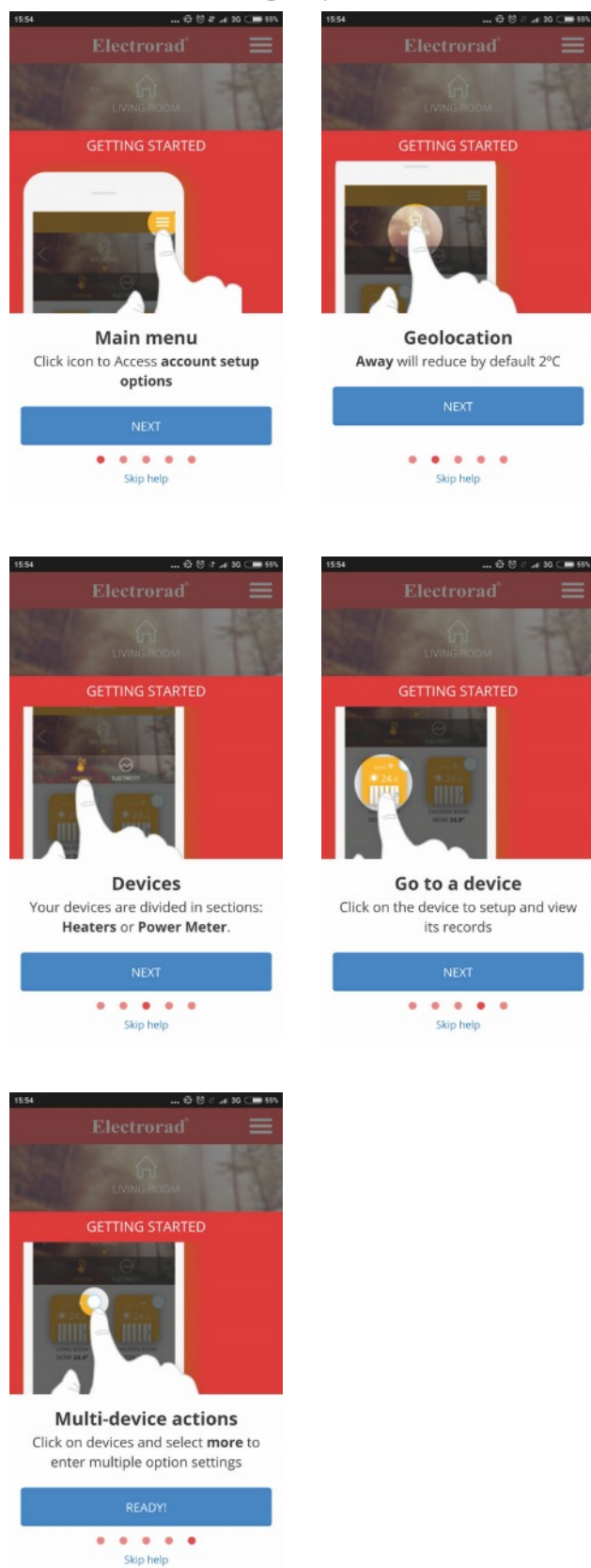
Once this is set up, you can control the radiator from the smartphone.

App.

The app will allow you to configure, schedule and access consumption statistics of the radiators through an intuitive interface and simple operation. The following are the main features:

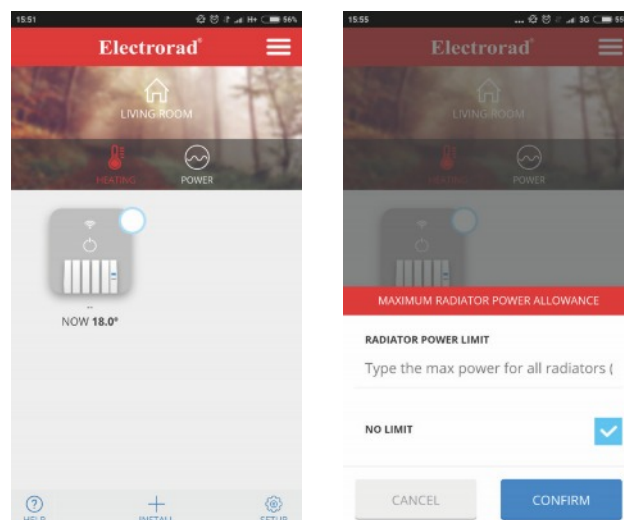


Within the App there is a useful “Help” feature which will assist you throughout the set-up and is shown in the following ways:

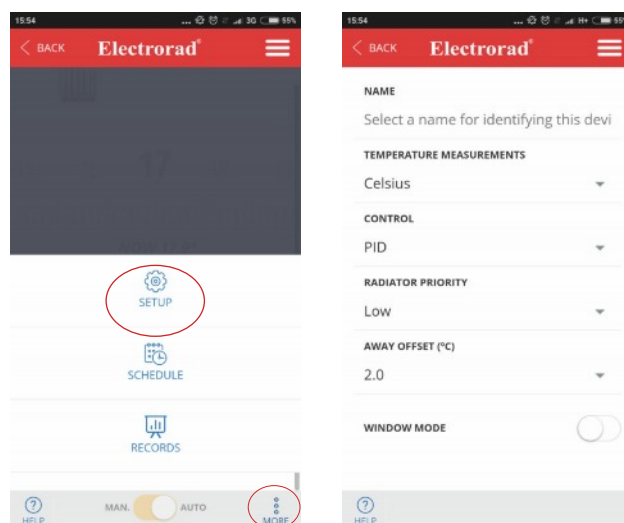


Also on certain application screens, such as temperature changes or programming, the help icon will display the specific information required for that particular screen.

One of the features within this App is the ability to set a limitation on the power output of each radiator, this can be done by clicking on configure and setting your preferences as shown below



The Smartbox will communicate with the radiators to ensure the set limit isn't exceeded. Within the configuration option you can also set the level of priority for each radiator (dictating which radiators will receive the heat quickest within the house and which are less important) and you can also name the radiators if required.



The Smartbox will first turn off the lower priority radiators unless there is a considerable difference between the set point temperature and the ambient temperature, this is to ensure the temperatures requested are maintained in your home at all times.

In the configuration screen you can also change the name of the radiator, the temperature units or the type of heating control.

To identify a radiator, select it on the main screen in the adjacent circle, once selected it will begin to flash.

Geolocation.

1. General Information.

The geolocation function automatically reduces the setting temperature when the user is not at home. The system does not require user intervention because it uses the GPS position of the user's smartphone.

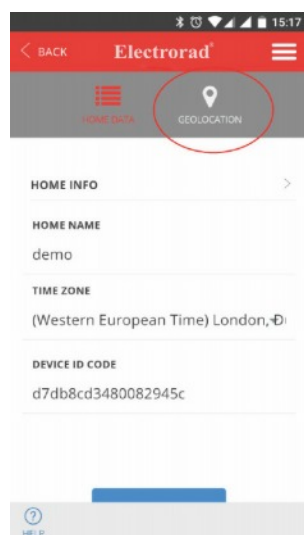
The user can define the reduction of the temperature of configuration, as well as enable / disable it, or cancel it manually.

2 Settings.

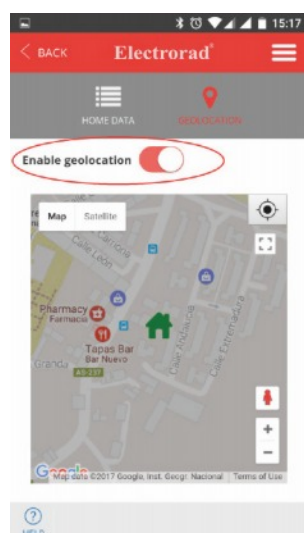
Go to: General Settings-> Homes

Select a home

Click Geolocation



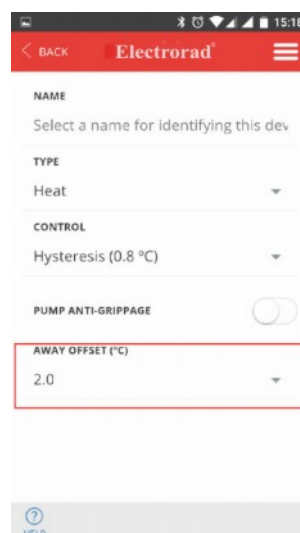
You will need to enable the function on your first use, you can then chose to enable or disable at any time by swiping the button to the left or right.



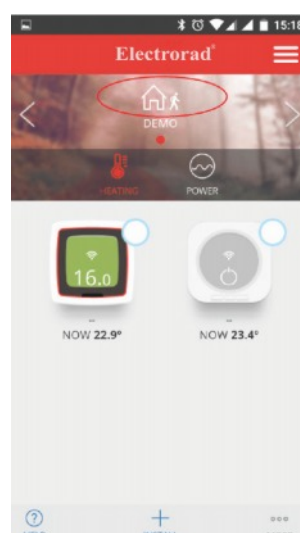
Select the location of the house on the map and save the position.



Select distance compensation in the configuration of each device (2 ° C by default). The setting temperature will reduce this value if the user is not at home.



The application will display the status "Home" or "Away" on the main screen.



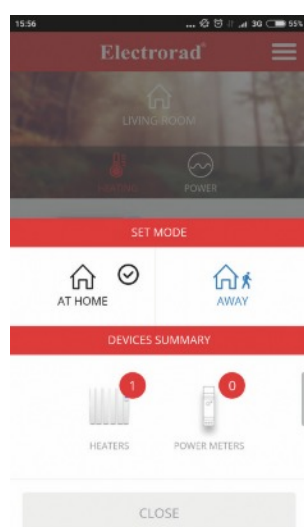
To identify a radiator, select it on the main screen in the adjacent circle, once selected it will begin to flash.

3 Manual override.

There are 2 ways to override the system manually:

1) Press any button on a physical radiator. The system understands that someone is home this override will last for 2 hours the system will then continue in its set modes.

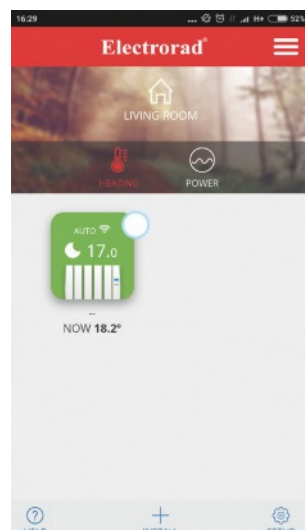
2) Use the application by clicking on the image that shows “at home” or “Away”.



Note: A change to a device, such as turning the power on / off or reducing / raising the temperature with the application, will not change the “in / out” status.

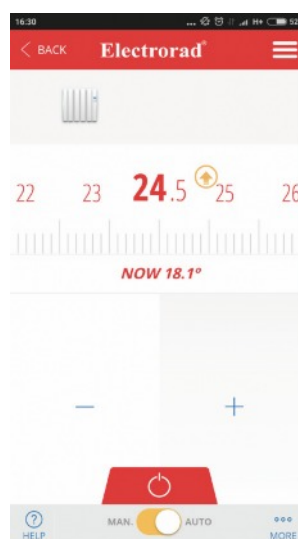
Statistics and schedules.

Another function of this application is to program the desired temperature for days and hours.

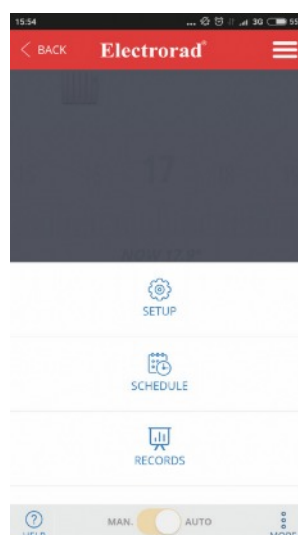


For this, we double click on the radiator icon that we want to program.

A new screen will appear like the one shown below, in this screen we will click on “more” :



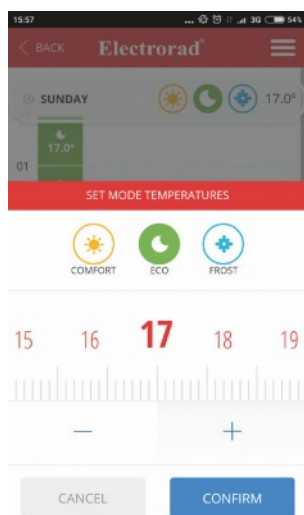
Then click on “schedule”.



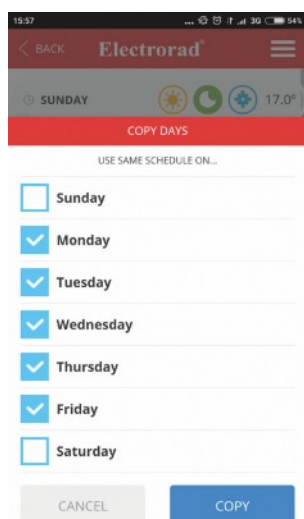
We will have a screen like this one, in which you can go programming by day and by hours with the different modes (Comfort, Eco or Frost).



All the modes can be altered to suit your requirements.

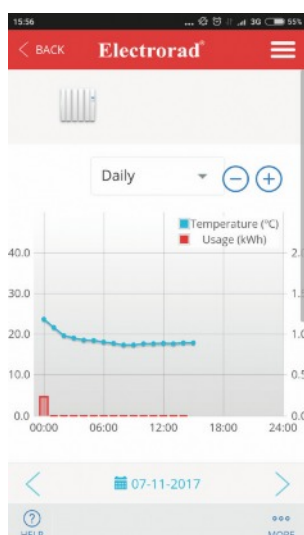


If you want the same configuration for several days, it is not necessary to go programming one by one, the app has the function to copy the properties on the days of the week you want.



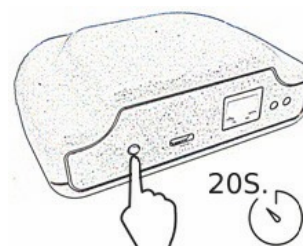
Another function that the APP offers is to control our consumption, for this we will choose the option of the “Records” drop-down menu.

You can see a graph of your consumption for days, months or years.



Reset Smartbox.

Press the “discovery” button on the Smartbox for 20 seconds.



F.A.Q.

1. The Smartbox does not connect.

- Check that you are properly powered and connected to the Internet through an Ethernet socket without a proxy and with the open 123UDP, 5000TCP and 5001TCP ports. The router must have DHCP enabled.

- The Smartbox LEDs indicate the following:

- Green off, flashing orange every second: Smartbox in discovery mode
- Orange on, flashing green too fast: the router does not assign a valid IP to the Smartbox
- Orange on, green flashing every 5s: Smartbox with IP but does not communicate with server
- Orange on, alternates with green every 5s: Smartbox with IP and correct communication with server.

2. Radiators do not communicate with Smartbox.

- Make sure that the radiators are previously associated with your Smartbox. The Link icon is fixed on the LCD.

- If the distance indoors is greater than 30m and 2-3 walls, proceed to associate radiators since each radiator can act as a repeater and the more radiators that are present the greater the range of the network.

- If the Link icon flashes, it is because it is associated with the Smartbox, but can not communicate with it, check that the Smartbox is correctly connected or if any equipment that was acting as a repeater has been removed. Try to place the devices closer.

3. If problems persist, try resetting the equipment and try again.