



# ROUNDLINE Control Unit

## Central Control Unit

Controlling your Roundline heaters centrally is not just a question about easy handling, it is also about saving energy and further improving heat comfort. Roundline Control Unit and RF-plug are wireless and easy to install. Please follow the instruction mentioned below.

Below you can read how you install, set and use your Roundline Control Unit. We recommend that you read through the manual carefully before you start the installation. If you have any questions contact our customer support at +46 418 - 45 58 25.

### INSTALLATION

- Turn the heater off with the main switch.
- Turn the heater thermostat control to 20°C.
- Plug the RF-plug carefully into the heater. Check that all of the five pins on the RF-plug are placed correctly into the corresponding holes on the heater, and that the RF-plug easily fits in the right position.
- Secure the RF-plug in its position with the enclosed screw.
- Turn on the RF-plug with the main switch (position 1).

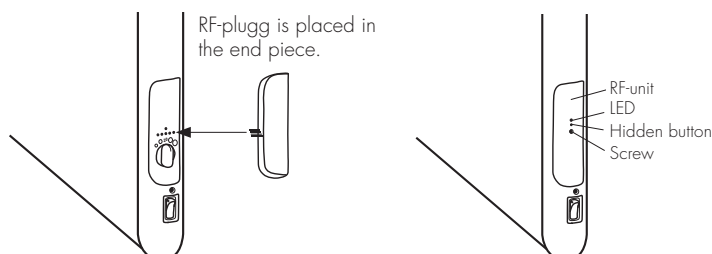
### CONNECTING THE HEATERS TO THE CONTROL UNIT

When all the RF-plugs are in place and the power switches are turned on.

- Open the battery cover on the back of the control unit by pulling it down. Remove the plastic tag by the battery pole. Push any button to activate the display on the Control Unit.
- Press the \* and □ buttons on the Control Unit at the same time. Keep them pressed down for 3 seconds. The symbol ● turns up and a countdown from 30 seconds is shown in the display.
- Within the 30 seconds you have to press the hidden button on

the RF-plugs, using a needle or a paper clip. The RF-plug and the Control Unit are now searching for each other. The green light emitting diode will be lit continuously (N.B faint) when they have found each other. When the countdown on the Control Unit has stopped, the light emitting diode will be turned off. The RF-plugs are now connected to the Control Unit.

- If you did not have time to press the hidden button on all your RF-plugs during the 30 seconds, you can repeat the previous step and then proceed to press the hidden buttons on the RF-plugs you did not have time for.
- Connected heaters have a built-in memory which lets them remember the connection with the Control Unit even if there is a power failure or the batteries in the Control Unit run out. You can at any time check if the heaters are connected to the Control Unit, by pressing the \* and □ buttons at the same time. The light emitting diode on the RF-plug will light up for 30 seconds on all the heaters that are connected. If they are blinking or not lit, the heater is not connected to the Control Unit. See further under "Questions and Answers".





## FUNCTIONS

Beside setting the temperature on all heaters connected to the Control Unit, you can also activate a lowering of the temperature during the night or over longer periods of time with a simple press of a button. You can also stop the heaters from producing more heat when you air a room. Normally the Control Unit will be in sleep mode. In sleep mode the display on the Control Unit is turned off, mainly to prolong the lifetime of the batteries. Press any button to turn the display on. The room's real temperature will now be shown in the display.

### Setting the Main Temperature \*

- Activate the main temperature by pressing the \* button.
- Press + or - button until your desired temperature is shown in the display. The set temperature will be shown with blinking numbers. After 5 seconds the numbers will stop blinking and the new temperature is activated.

### Lowering the temperature for 6 hours 6h

- With the lowering temperature you will save energy during the night (day). Activate the lowering temperature by pressing the 6h button.
- Press + or - button until your desired temperature is shown in the display. The set temperature will be shown with blinking numbers. After 5 seconds the numbers will stop blinking and the new temperature is activated. You can at any time turn off the lowering temperature by pressing the \* button.

### Alternative Temperature \*

The alternative temperature works in the same way as the main temperature. This way you have two preset temperatures that you can easily switch between. Practical for example when you are away for a few days or as anti-freeze-mode in the summerhouse.

- Activate the alternative temperature by pressing the \* button.
- Press + or - button until your desired temperature is shown in the display. The set temperature will be shown with blinking numbers. After 5 seconds the numbers will stop blinking and the new temperature is activated.

### Airing Function

With the airing function you can prevent the heaters from rushing when you open a window or a door to let cool air in.

- Activate the airing function by pressing the button. The heaters will go into saving mode for 30 minutes. After that they will automatically go back to the normal temperature.

### Placing of the Control Unit

The Control Unit calibrates all your heaters on an ongoing basis. Therefore it is important for the Control Unit to be placed in the same environment as the heaters, otherwise it will send out incorrect information. When you have decided where to place

your Control Unit it is important that you think about the following:

- The Control Units signal range is about 20 meters.
- Thick walls and closed doors can shorten its range.
- The Control Unit should preferably be placed in the same room as the heaters it controls.
- Avoid placing the Control Unit in direct sunlight.
- Avoid placing the Control Unit within one meter from a heater.
- The result gets better if you divide a big house into several zones and have a Control Unit in each zone, compared to having one Control Unit for the whole house.

## QUESTIONS AND ANSWERS

### The green light emitting diode on the RF-plug is blinking. Why?

It means that the RF-plug has lost contact with the Control Unit. The heater will continue on the temperature it was last given from the control unit. The reason is probably that the batteries in the Control Unit are out or that the heater is out of range for the Control Unit.

### How can I be sure that the heaters are connected to the Control Unit?

By pressing the Control Units and buttons at the same time and hold them pressed in for 3 seconds. On all the heaters that are connected, the green LED\* on the plug will light up for 30 seconds.

### The batteries are out in the Control Unit. Do I have to redo the installation after switching the batteries?

No. The Control Unit has a built-in memory and will function as before after the battery switch.

### I have had a power failure. Do I have to redo the installation?

No. The RF-plugs have a built-in memory. As soon as the power comes back they will function as before.

### The batteries in the Control Unit are out and I can not get new ones right away. Can I change the settings in any other way?

Yes. By taking the RF-plugs off the heaters you can set the temperature individually on each heater's thermostat control.

