

Sol*Aire PR-1 version 4 installation instructions October 2013

Receiver Wiring Instructions.

Terminal blocks numbered 1 – 4 from left to right when installed

1. Neutral load to heater into the black terminal block 1 marked “load”.
2. Neutral supply into the black terminal block 2 marked “Neutral”.
3. Live supply into the black terminal block 3 marked “Power”.
4. Live load to heater into the black terminal block 4 marked “load”.
5. For Class 1 products, join both earth wires tidily and securely as seen in “Picture 1”.

1. Open the receiver unit. Carefully, knock-out the two cable access points.
2. Locate and fix the receiver unit to the wall using the screws and plugs supplied. Exit and entry cable glands should be at the bottom.
3. Take the two nuts from the cable glands and locate them inside.
4. Push the cable glands through the holes from the outside and tighten them into the nuts.
5. Bring both the supply and load cables through the grommets.
6. Wire the receiver unit as per instructions above. The live and neutral feed can come from either a standard 3 pin plug, into a wall socket or hard wired into a fused spur outlet.
7. Replace receiver cover and tighten.
8. Open the control head by taking the back plate off the rear. Fit 2 x New AA batteries then close and secure the front plate. Er2 will start flashing but this is usual.
9. The control head can be free standing or fixed to the wall, through the four screw access points in the rear of the wall plate.
10. The receiver and the control head now need to be paired.
11. Turn the power on to the receiver then turn the red light out by depressing the front switch at the top of the dark grey tear drop shape.
12. Then hold this switch in for 4 seconds until the yellow neon lights up at the bottom of the dark grey tear drop shape.
13. Turn the control head onto standby mode by depressing the top left power button. In this mode all that can be seen is the room temperature and the words “System Off” “Er2”.
14. Press and hold the R button for 4 seconds. When the screen backlight comes, the figure 1 is seen and the yellow light on the receiver flashes, the units are now paired.
15. Turn the receiver unit on by depressing the front switch at the top of the dark grey tear drop shape. The red power light should illuminate.
16. Turn the control head on by depressing the top left power button, the screen backlight will come on.
17. Turn the room temperature up to maximum by holding down the ▲ button. As the temperature passes the current room set it will switch the green receiver light on and call for heat.
18. Now follow the booklet to set the time and program requirements.

PICTURE 1: Shows typical wiring to a Class 1 appliance. Both earth cables from the appliance and the supply should be joined together safely.

An example of which is shown below.

Connector block not supplied.



If you have any questions whatsoever please do not hesitate to contact us on 01325 717899 mobile 07775 898965 or email info@solairehp.co.uk