

## Evolution 3 – remote control kit

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Wiring & installation Instructions

### Remote control overview

**The installation of all electrical items must be undertaken by a qualified technician.**

The primary function of the remote handset is to allow the user to switch from “Automatic mode” on the wall mounted controller into “Manual mode” and back.

It will not however allow the controller to be programmed via the handset, this operation must be performed in the normal way as detailed in the climate controller instructions.

When “Manual mode” is selected you can open and close your windows/vents using the two top buttons on the handset.

Pressing the “M” button selects “Manual mode” and the “A” button selects “Automatic mode”.

Please note that switching from “Automatic” into “Manual” cancels the rain sensor and temperature functions, these only work in “Automatic mode”.

The Evolution 3 controller requires a remote receiver to make the handset function, this receiver comes with a cable and connector to enable it to be connected to the Evolution 3 controller.

### Remote control kit

The kit contains:

- Remote receiver box
- Cable for receiver box
- Remote handset



## Remote receiver wiring

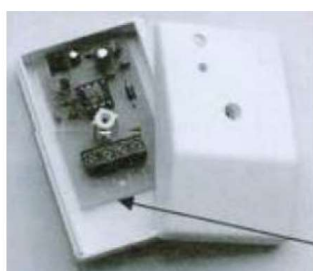
When wiring in the remote receiver cable please disconnect the original temperature sensor wired into the green connector on the back of the PCB (if fitted), as the remote receiver has an integral temperature sensor.

### **Please wire as follows:**

Place the receiver where the operator will be using the hand control, keep it in plain sight away from sunlight and heat sources.

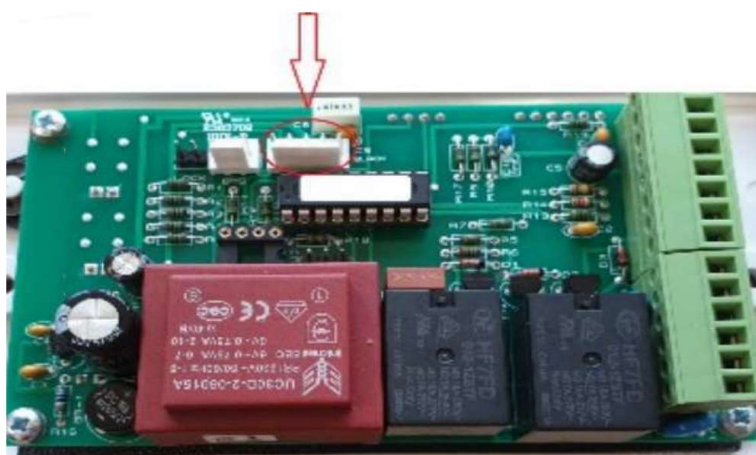
Using only the Black, Red, Yellow & Blue wires connect the other end of the cable to the terminal block in the receiver (see below). Any other wires are inoperative.

Replace cover of receiver box.



(receiver box)

Next plug the white terminal on the end of the cable supplied into the connector on the Evolution 3 controller PCB as shown below.



## Remote operation

For correct function of the remote-control handset, a line of sight is required between the handset and the sensor unit. Never fit the sensor in a draught or in direct sunlight as this may lead to false temperature readings.

To operate the remote, first point the hand control at the receiver and press “M”. This should change the controller mode to manual, and the “up and down” arrows on the handset will open or close the roof vent. To revert to automatic mode, press “A” and the controller will change back to automatic mode.

## Other information

If using a TV in the same room as the Evolution 3 controller you may get some cross-over interference from the TV remote handsets.

This is especially true for Sky TV remotes as they are quite powerful.

You may notice that when operating the TV remote, the Evolution 3 remote receiver box picks up the signal and the roof vent may seem to open/close sporadically.

This is an unfortunate coincidence, but the cross-over can be mitigated by ensuring the Evolution 3 remote receiver box isn't placed behind or near the TV where it could pick up line-of-sight signals from the TV remote handset.