



Wireless Room Thermostat Fault Finding

If your heating system is not responding to your wireless thermostat the first thing to check is to see if the thermostat is communicating with the wireless relay that is connected to the boiler. There are a few common symptoms and these can easily be checked. First check that the thermostat has fresh batteries and that they are correctly inserted.

Locate the wireless relay box, this is probably mounted close to your boiler or in the airing cupboard. It looks like this.

It has two small lights which display information about the operation of the heating system. The table below gives you information regarding what the lights mean.



Symptom	Cause	Resolution
Steady red light on wireless relay.	Comms lost with all bound room units.	Please check for positioning of the room unit and the relay, eg not near other wireless devices or large metal objects. If the unit worked fine for some time then developed this issue please check for new items introduced into the vicinity and check batteries in room unit. If symptom repeats conduct a signal strength check.
Slow Flashing red light on relay unit, (3 seconds on, 3 seconds off).	It is possible to bind up to 4 units to the relay. This signal indicates that one of these units has lost comms.	If there are supposed to be more than one unit communicating with the relay then check for positioning as above. If there is only one room unit then rebind making sure to delete all previous binding information as following guide.
Medium flashing red light on wireless relay (0.5 seconds on, 0.5 seconds off).	Wireless relay has been put into binding mode and may have had the previous binding deleted.	Re bind room thermostat to wireless relay (see following guide).
Quick flashing red light on wireless relay (0.1 seconds on, 0.9 seconds off).	Wireless relay has had the previous binding deleted or is an unbound new unit.	Re bind room thermostat to wireless relay (see following guide).
Any of the above with a steady green light.	The above causes still apply but the green light indicates that one of the bound units is still operating correctly and the boiler is being fired.	Follow appropriate cure above.
Red Led Constantly on and the green LED flashes once 0.1 sec on and 3 sec off.	The relay was left in binding mode and did not receive the binding message from the thermostat within 3 minutes.	Repeat binding process (see following guide).
Red Led Constantly on and the green LED flashes twice 0.1 sec on and 3 sec off.	Miss bound or attempting to do something that is not possible.	Delete all binding and repeat following guide below. If symptom persists then please contact technical support for guidance on the application that is being attempted.
Red Led Constantly on and the green LED flashes three times 0.1 sec on and 3 sec off.		
Red Led Constantly on and the green LED flashes four times 0.1 sec on and 3 sec off.		
Red Led Constantly on and the green LED flashes five times 0.1 sec on and 3 sec off.		

Re-binding of wireless products





If you have identified a fault in the table above that calls for the Room Unit to be rebound to the wireless relay- please follow these simple steps to re-establish contact.

- 1) It is important to delete any previous binding from the relay memory before starting. On the BDR91 Wireless relay unit, press and hold the button wait until the red light starts to flash – continue holding until it changes to a fast flash then release.
- 2) Press and hold the button again for 5 seconds (until the red LED blinks slowly). Then release and go to the next step.

Please follow the steps below for the relevant thermostat

NB – Always keep the thermostat and wireless relay unit at least 1metre apart during the re-binding process.

CMT900 & CMT700 range of Wireless Programmable Room Thermostats

- 1) Move the room thermostat slider to the OFF (CMT900) position or press the off button (CMT700) and press the  and  buttons together along with the  button. The unit will display “InSt” and ‘CONTROL BINDING’.
- 2) Press the green  button to send the binding signal out to the Relay Box. The red LED on the relay is switched off to confirm successful binding operation. If the red LED still flashes push the button again until binding is successful.
- 3) Return the slider to AUTO (CMT900) or press the AUTO button (CMT700)



STAGE 1 Press and hold for 15 sec

The red light will flash on for 0.1 sec and be off for 0.9 sec



STAGE 2 Press and hold for 5 sec

The red light will flash on for 0.5 sec and be off for 0.5 sec





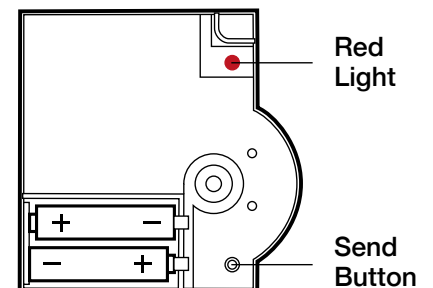
CMT900



CMT700

DT92E Wireless Digital Room Thermostat




- 1) Press and hold the power button  for 2 seconds to put the unit into standby
- 2) Press the up and down arrows together for 3 seconds – it should say **INst**
- 3) Press the down arrow – it should say **COnt**
- 4) Press the up arrow three times – it should say **CLr**
- 5) Press the power button  once to clear any previous binding data
- 6) Press the up arrow – it should say **Cont**
- 7) Press the power button to send the binding signal to the wireless relay
- 8) The screen will return to normal and the red light will disappear from the relay
- 9) Press the power button for 5s and the screen will return to normal



Y6630D Wireless Room Thermostat

- 1) The Y6630D uses the HC60 relay unit, but clearing the memory and putting the unit into listening mode is the same as the BDR91 on the front page
- 2) Take the front cover off of the thermostat
- 3) Press the “send” button
- 4) The red light on the receiver should disappear if it has been successful

Y87RF Wireless Room Thermostat

- 1) Touch and hold on the left touch zone for approximately 10 seconds
- 2) The screen for binding the Boiler Relay is now displayed
- 3) When the symbol 'bo' is flashing, briefly touch the left touch zone to send the binding signal, at which point the  symbol will flash several times.
- 4) If binding has been successful the number indicates the signal strength (1 = min to 5 = max).
- 5) If binding fails,   appears on screen. Please try again.
- 6) The red LED on the Boiler Relay will turn off when binding has been successful.

