



TLX RFD FAULT FINDING

Please note, all maintenance and fault finding should be carried out by a fully qualified person.

Always ensure that the system is dead when connecting or disconnecting wires.

Check that the wiring is correct and there are no loose connections.

TLX 7506 RF THERMOSTAT

Check thermostat is not showing 'battery low' icon. If the icon is on the screen, change the batteries.

If the thermostat screen is blank, renew the batteries. If display remains blank, either bad battery connection, or faulty thermostat.

RF Receiver LED's (indicators)

Red LED

Flashing -indicates receiving an RF signal

Red LED

Steady on -Indicates a fault condition e.g. RF signal not being received

Red LED

Slowly pulsing -Indicates a valid install code has been received

Green LED

Steady on -Indicates a demand for heat

Green LED

Off - i.e. Heating satisfied

If there is no communication between the thermostat and the receiver, press the TEST button and ensure that the Green test light comes on. Having confirmed this, press the TEST button and switch the Green light off again.

If the Green light doesn't come on when you carry out this procedure, then there is a fault with the receiver and the system needs replaced.

To re-establish the link between the thermostat and the receiver

Checking the hard wired circuit

1. Apply power to the TLX 1206 receiver. Ensure any Separate programmer in the heating circuit is calling for heat. The Red LED should be OFF
2. Press the TEST button. The Green LED should come on. Check that the boiler and/or motorised valve have operated. Remember to allow adequate time for the valve to open. Press TEST button again. The Green LED should go out, closing any valve and switching off the boiler.

Note: TEST mode will automatically switch off after 15 minutes.

Checking the RF circuit

ENSURE THE RED AND GREEN LIGHTS ON THE RECEIVER ARE OFF PRIOR TO INSTALLING CODE

1. Press and hold the + and – buttons on the TLX 7506 for at least 3 seconds. The TLX 7506 will then transmit its unique digital security code every 10 secs. for the next 5 mins. The display will show flashing ']] ' while this is happening.
2. Within the 5 minute period, go to the TLX 1206 rf receiver. Press and hold the INSTALL button and then press the TEST button while the install button is held. This will clear out any previously installed codes. The RED LED will pulse slowly for 3 seconds to indicate this has been done.
3. Next, place the receiver in INSTALL mode by pressing and holding the INSTALL button (for at least 10 secs) The RED LED will come on and stay on until a valid INSTALL code has been received. When this happens, the RED LED will start pulsing slowly and the INSTALL button can be released. The RED LED will pulse for a further 3 seconds and then go off. The INSTALL code has been successfully received.
4. Go to the thermostat transmitter and press any key to stop the transmission. The display will stop transmitting ']] ' and return to normal.
5. The TLX 1206 RF receiver will now only respond to radio signals with the installed code. I.E. from the TLX 7506 thermostat just installed. Even if the power is removed from the receiver it will not forget the installed code.
6. Check that the TLX 7506 and the TLX 1206 are communicating with each other by adjusting the TLX 7506 Set Point below and then above the actual temperature, thus generating a radio signal requesting the heat to come on or go off and check that the boiler responds as expected. The RED LED on the receiver will flash for 3 seconds each time a radio signal is received. This will happen every time the TLX 7506 thermostat calls for the heating to be switched on or off.
7. The TLX 7506 thermostat also sends a radio signal Every 5 minutes to make sure that the TLX 1206 receiver knows what state it should be in. Therefore every 5 minutes the RED LED will flash for 3 seconds. If the TLX 1206 does not receive regular RF signals, the RED LED will come on indicating that a fault condition has occurred and the heating system will be switched OFF.

NOTE. If more than one Radio Controlled Digital Room thermostat system is fitted within the same property, it is important that the above procedure is used to install each Room Thermostat in turn so that they are correctly matched to the relevant Receivers.