

# RF MECHANICAL PROGRAMMABLE ROOM THERMOSTAT, 24 HOUR FITTING INSTRUCTIONS

This Timer is suitable for installation on the following products:

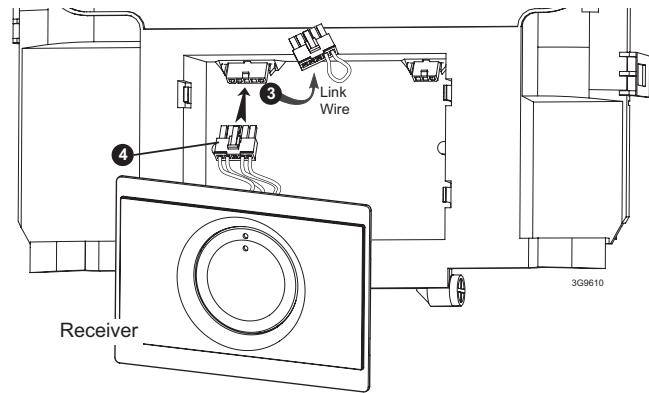
Logic Combi 24.....	G.C. No. 47-348-56	Logic Code Combi 26.....	G.C. No. 47-348-74
Logic Combi 30.....	G.C. No. 47-348-57	Logic Code Combi 33.....	G.C. No. 47-348-75
Logic Combi 35.....	G.C. No. 47-348-58	Logic Code Combi 38.....	G.C. No. 47-348-76
Logic + Combi 24.....	G.C. No. 47-348-65	i-mini 24.....	G.C. No. 47-348-77
Logic + Combi 30.....	G.C. No. 47-348-66	i-mini 30.....	G.C. No. 47-348-78
Logic + Combi 35.....	G.C. No. 47-348-67		



ALWAYS switch off and disconnect the electricity supply to the appliance before installing the Receiver/Programmer. Merely switching the boiler OFF/SUMMER/WINTER/RESET switch to 'OFF' will still leave a live feed to the boiler.

## INSTALLING THE RECEIVER

1. Remove the boiler front panel. (Refer to Installation & Servicing Instructions).
2. Pull out the blanking plate and discard.
3. Remove the link plug.
4. Connect the electrical plug as shown.
5. Push fit receiver into housing.
6. Replace the front panel ensuring a good seal is made.
7. Check link is fitted across room stat connections on incoming mains connector to boiler.
8. Power up the boiler and check for correct operation.



## INSTALLING THE RF MECHANICAL PROGRAMMABLE ROOM THERMOSTAT

1. Select a suitable position for the RF mechanical programmable room thermostat by considering the following:

- The maximum distance between room thermostat/ programmer and boiler is 20m depending on obstructions.
- The room thermostat should be 1.5m high on a wall located in the space to be heated. Avoid locations affected by draughts created by windows/doors, or heating effects created by independent heaters. It is advisable to not have TRV's fitted on radiators in the same room space.
- Between the boiler and the room thermostat there must be no:
  - large metallic objects (e.g. kitchen appliances),
  - steel reinforced walls
  - large mirrors or windows
- There must be no more than 2 walls and 1 ceiling between the boiler and the room thermostat.
- There must be no walls running along the path between the boiler and the room thermostat (see diagrams 1 & 2).

Diagram 1

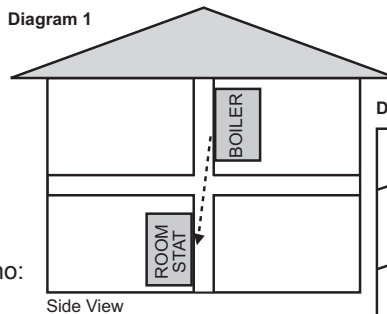
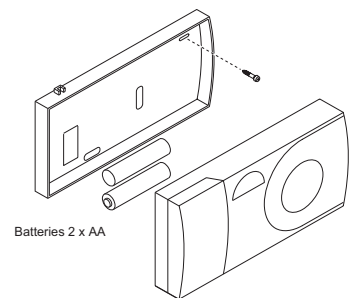
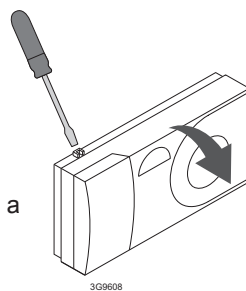
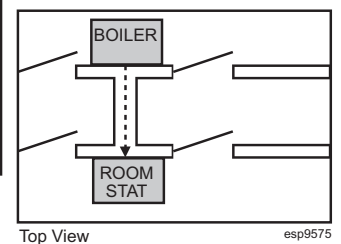


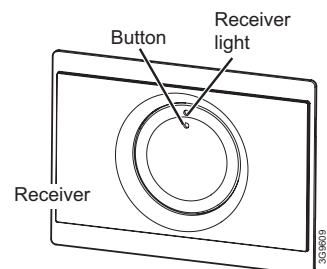
Diagram 2



2. Remove the wall mounting panel from the rear of the control by using a flat head screwdriver.
3. Insert the batteries into the control.
4. Place the room thermostat in proposed location (make sure you are not holding the room thermostat as this can interfere with the communication link to the receiver). Ensure that the room thermostat is successfully switching the boiler on and off before fixing to the wall. Note Trouble shooting guide.


### Notes.

- When the room thermostat is on and the room temperature is less than the set point then the light on the front of the receiver on the boiler will be continuously on.
- When the room thermostat is off the room temperature is less than the set point then the light on the front of the receiver will turn off, but will flash intermittently (the flashing indicates that there is successful communication between the thermostat and the boiler).
- It may take 5 minutes for the room thermostat to send an "on" and "off" signal to the boiler.



Once installation of the programmer and receiver is complete, refer to programmer user guide for setup

## TROUBLE SHOOTING

FAULT	ACTION
Central Heating will not switch on	Check that the tappets are set to the outer edge of the dial
	Check that the temperature dial is set to 30°C
	Check that the power to the boiler is switched on
	Ensure that the "MODE" knob on the front of the boiler is in the WINTER  position
	Check that the link wire in incoming mains connection to the boiler is in place across room stat connections (see boiler installation instructions)
	Check that the slide switch next to the timer dial is set to the 'ON' position or in a timed ON period.
	Take the room thermostat off the wall and stand next to the boiler for 5 mins. If the central heating switches on then the room thermostat is either too far away from the boiler or there are unsuitable materials in between the boiler and the room thermostat.
	Change the batteries in the room thermostat.
Central Heating will not switch off	Replace both the receiver and the room thermostat for a new pair.
	Check that the Tappets are set to the inner edge of the dial
	Check that the room temperature is not below 5°C (frost protection).
	Temporarily set the temperature dial to minimum.
	Check that the slide switch next to the timer dial is set to the 'OFF' position or a timed OFF period.
	Take the room thermostat off the wall and stand next to the boiler for 5 mins. If the central heating switches off then the room thermostat is either too far away from the boiler or there are unsuitable materials in between the boiler and the room thermostat.
	Change the batteries in the room thermostat.
	Replace both the receiver and the room thermostat for a new pair.

## BATTERY REPLACEMENT

The low battery warning LED on the front of the unit will flash yellow to indicate battery replacement. The unit will continue normal operation until the LED flashes red and the unit will stop operation.

To replace batteries remove the front of the programmable room thermostat from the mounting panel to gain access.

The unit required 2 x AA 1.5V Batteries.

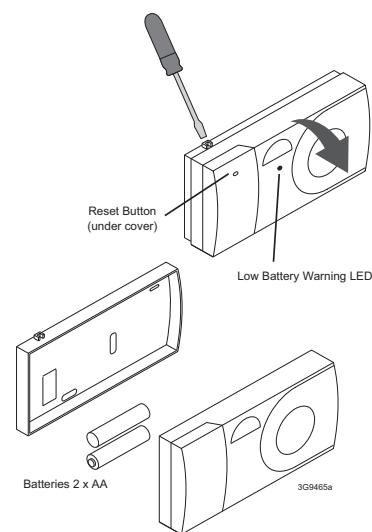
Batteries should operate for approximately 18 months.

**Only good quality 1.5V alkaline batteries should be used. DO NOT use rechargeable batteries as they only have a terminal voltage of 1.2V nom.**

If the batteries are not replaced and no signal is received by the receiver, the light on the front of the receiver on the boiler will flash rapidly.

After 1 hour the boiler will operate in "Emergency Mode" (heating on for 4 mins and off for 9 mins) until the batteries are replaced.

Once batteries have been replaced, ALWAYS operate the reset button.



# ideal

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