



Radio Thermostat Mechanical clock

Part number: ZU0800013

Installation & User Instructions



Suitable for Ferroli Modena C HE combination boilers

Contents

	Page number
Short Description	3
Safety Instructions	3
Installation of controller	5
Location	5
Mounting the Wall Plate	6
Battery installation	7
	8
	9
Setting instructions	
Setting the time	10
Setting on/off periods	11
Setting Max/Min room temperatures	12
Manual Switch	13
Warranty	14
	15
	16
	17
	18
	19
	20

Short Description

Short description Radio Thermostat Clock – Transmitter

The radio thermostat mechanical clock is a 24 hour radio frequency (RF) wireless thermostat/ timer which communicates with a special receiver designed to fit in the clock aperture of the boiler casing.

The radio thermostat mechanical clock is battery powered and can be sited wherever conventional room thermostats would normally be sited.
See installation locations information on page

The radio thermostat mechanical clock is a room thermostat and clock of highly advanced technology. The device is wireless and controls the heating via radio, providing both time control and comfortable room temperatures.

Safety Instructions

Safety Instructions

Both receiver and transmitter should be fitted by a competent person.

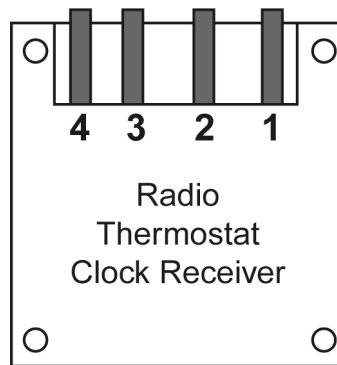
It is imperative to observe the generally applicable safety measures, such as:
Before starting any work on fitting the receiver, switch off power supply and secure against switching on.

Do not use any metallic and sharp pointed objects for the operation of the keys.

For technical data, see label on the unit or data sheet.

4

Rear view of receiver



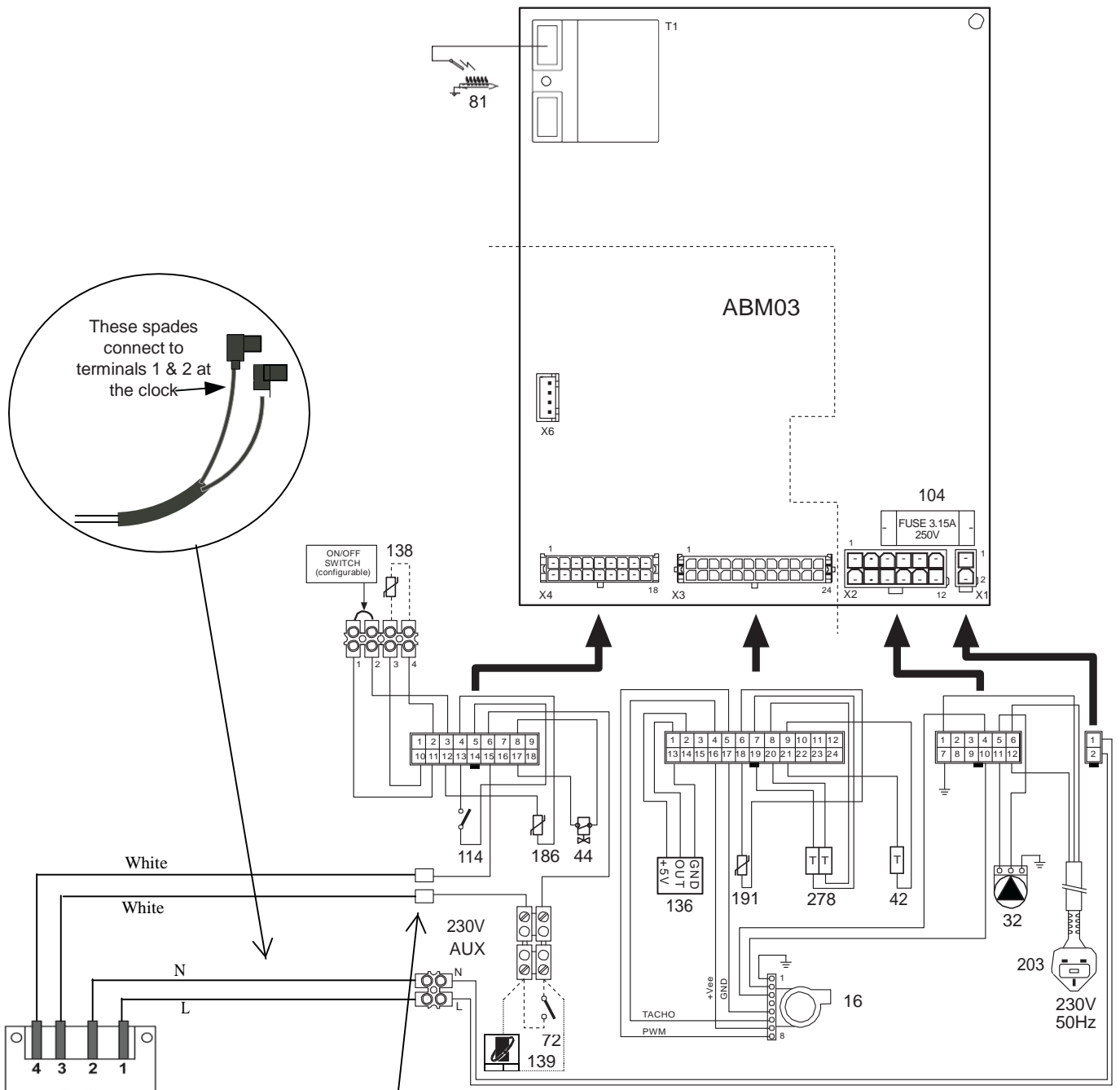
Live (brown) – Terminal 1

Neutral (blue) – Terminal 2

Switching wires – Terminals 3 & 4

4

Modena C HE



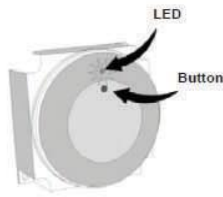
Wiring diagram

Remove Link and connect leads to terminals 3 & 4 at the receiver

These spades connect to terminals 1 & 2 at the clock

Installation of controller

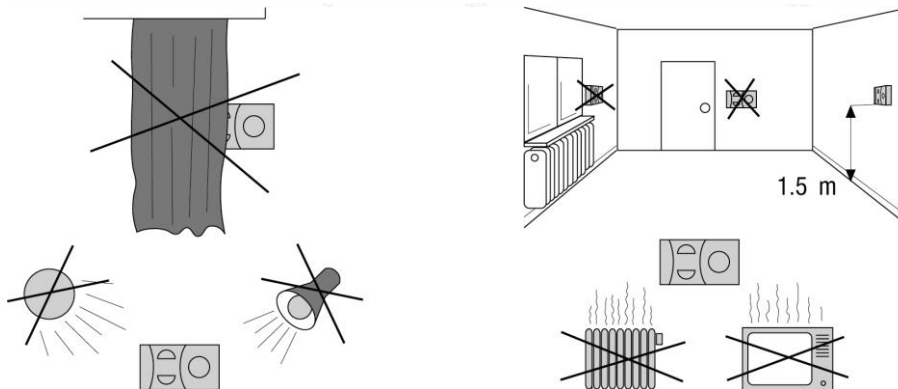
The radio link between receiver and controller has been factory set, if you require to carry out pairing please follow the below.

<p>ATTENTION!</p> 	<p>Radio link installation</p> <ol style="list-style-type: none"> 1. Press receiver button and hold down for 2 seconds. The LED flashes twice. Then release the button. The LED remains on between 1 and 10 seconds. When a correct link between the transmitter and receiver has been established the LED goes off. Subsequent RF transmissions are indicated visually by a momentary flash of the LED (approx every 5 seconds). 2. Install the batteries onto the transmitter, the receiver LED will go out. The radio link between the transmitter and receiver is now established. <p>Note: If no reception is possible it has to be checked whether any metallic cupboards or other metallic obstacles may interfere.</p> <p>Note: During a demand the LED will show a solid light.</p>
--	---

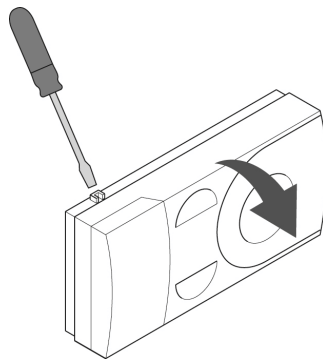
Emergency running mode

If no valid radio signal is received from the transmitter, the receivers LED light will flash every half second. After 1 hour the boiler will operate in 'Emergency Mode' (heating for 4 min. and off for 9 min.). Ensure the batteries are ok, replace batteries if necessary.

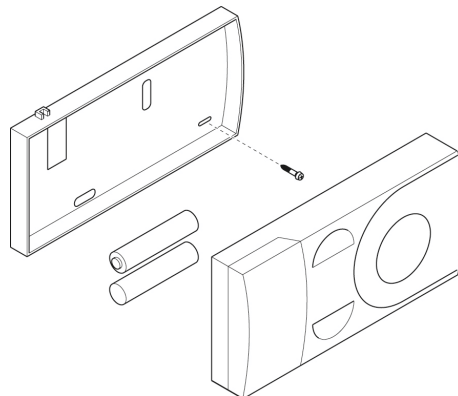
Location



Mounting the wall Plate



Battery installation

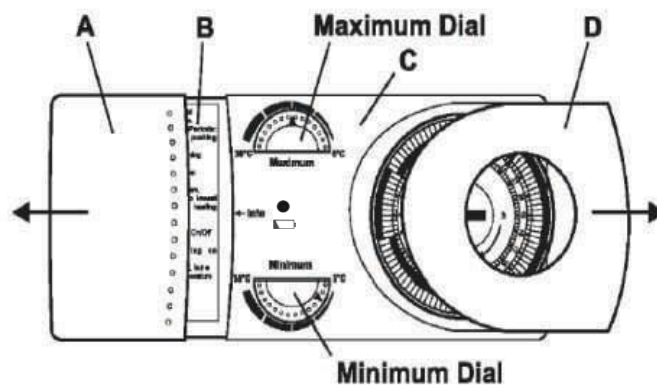


Locate and fit the transmitter, taking into consideration where not to position the transmitter as shown. The following can reduce, deflect or block radio frequency signals between the transmitter and receiver.

- A. Steel reinforced walls.
- B. Large metallic objects e.g. kitchen appliances, filling cabinets, mirrors etc.
- C. Maximum distance between the receiver and transmitter is:-
 1. In open air 50m.
 2. In building 20m to 30m depending on radar obstruction.

Setting the Time

Note: Panel (A) slides back to reveal reference instructions (B).

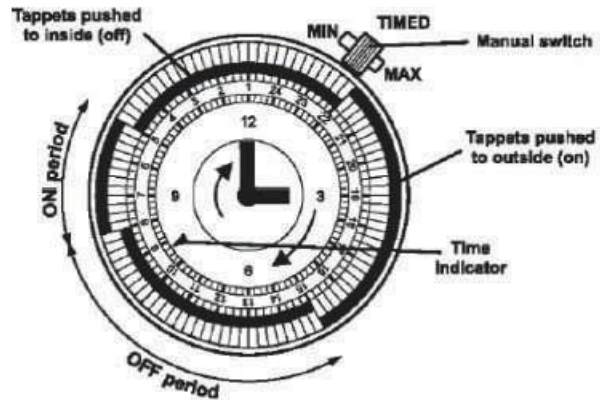


Slide cover (D) off the transmitter.

Turn the outer dial clockwise to set the clock hands to the correct time.
Ensure the time corresponds with the correct time on the 24hr dial.
3.00pm = 15.00 not 3.00.

Note: Do not rotate anti-clockwise or damage may occur to the unit. Rotate the minute hand with your finger to set the exact time.

Selecting ON/OFF Periods



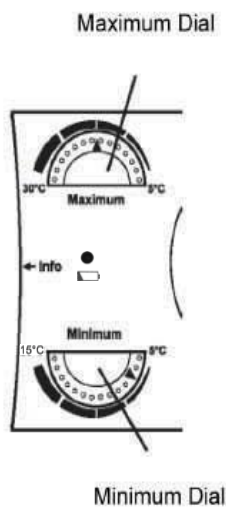
Select the ON times by pushing the tappets to the outside.

Select the OFF times by pushing the tappets to the inside.

Above shows the clock set as follows:

ON	3.00pm	to	10.00pm	(15.00-22.00)
OFF	10.00pm	to	5.00am	(22.00-5.00)
ON	5.00am	to	8.00am	(5.00-8.00)
OFF	8.00am	to	3.00pm	(8.00-15.00)

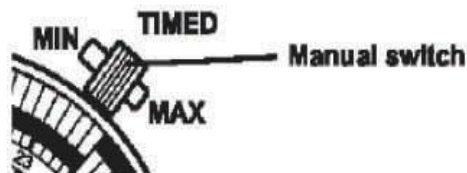
Setting Max/Min Room Temperatures



Maximum setting - Rotate the Maximum dial to give the required room temperature up to 30°C when heating is on.

Minimum setting - Rotate the Minimum dial to a lower temperature down to 5°C to ensure that when the heating is off a minimum room temperature is maintained.

Manual Switch



The clock has a manual heating ON/OFF switch which operates as follows:

- Timed Position - Heating ON/OFF as set by tappets.
- Max Position - Heating ON continuously.
- Min Position - Heating OFF, but a minimum set room temperature is maintained.

Warranty

This control is guaranteed against manufacturing defect for a period of 12 months from the date of installation.

This Guarantee does not cover replacement of batteries or cosmetic damage to the controller.

Notes

Notes



**Because of our constant endeavour for improvement
details may vary from those quoted in these instructions**

**Should you require any assistance during the installation
call our Technical Service Helpline on
0843 479 0 479**

**Ferrolif Limited,
Lichfield Road, Branston Industrial Estate, Burton Upon Trent,
Staffordshire, DE14 3HD
Service/Technical Tel: 0871 559 2927**