![JG Speedfit UNDERFLOOR logo]

5 YEAR GUARANTEE AGAINST DEFECTS

aura
heating controls

Wireless Thermostats
230v and Battery Operated

Quick Set-up Guide

For models:

JGSTATW2W
JGSTATW2B
JGSTATW1W
JGSTATW1B

speedfitUFH.co.uk

Contents

Box contents:

1 x Quick Set-up Guide

4x AAA Batteries

Fixing screws

JGSTATW2

JGSTATW1

Quick Set-up Guide:

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For latest PDF Quick Set-up Guide and full Instruction Manual please go to speedfitUFH.co.uk

Product compliance & safety information

Introduction. Thank you for purchasing one of our Speedfit Aura Wireless Thermostat models. It must be used with the JGCO Wireless Coordinator. The Wireless Coordinator allows communication with other devices in the Aura Wireless system range including wiring centre, Wireless boiler receiver and Wireless TRV.

Product Compliance. These products are CE compliant and meets the following European Directives:

RoHS2: 2011/65/EU

RED: 2014/30/EU

Declaration of conformity available at saluslegal.com

Safety Information. Use in accordance with the regulations. The JG Aura JGSTATW1/W2 is to be used for room control of heating and hot water systems inside buildings.

We hope you enjoy this product...

JGWCW

JGCO

JGSTATW1/W2

JGBR

JGTRV

Product compliance & safety information

These instructions are applicable to the Aura models stated on the front cover of this Instruction Manual only.

⚠️ **Warning.** This product must be fitted by a competent person. Installation must comply with the guidance, standards and regulations applicable to the location where the product is installed. Failure to comply with the requirements of the relevant guidance, standards and regulations could lead to prosecution, injury or death.

⚠️ **Sources of danger.** The thermostat must be disconnected from mains supply before removing the cover.

⚠️ **Emergency.** Switch off the voltage to the individual thermostat, wiring centre or complete system.

⚡ **230 AC**

⚠️ **Warning.** Always isolate the AC Mains supply before installing or working on any components that require 230v AC 50Hz supply.

⚠️ **Installer parameter settings.** JG Aura wireless thermostats are equipped with an Installer Parameter section (see website). This must only be entered by the installer or a competent person. Changing these parameters can have a serious effect on your heating system.
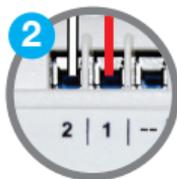
Terminal connections (JGSTATW2) - 230v powered

Understanding your terminal connections

Rear of unit

Power Terminals 230v AC. Used for supplying power to the unit. 230v supply can be sourced from the wiring centre or any convenient 3amp fused supply.
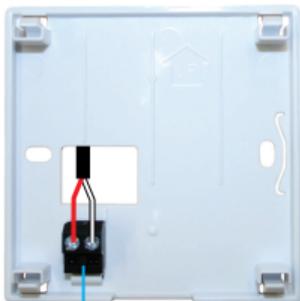
Probe / Hot Water Cylinder Terminals. Can be used for external Air or Floor probe when configured as thermostat. Can also be used for Cylinder thermostat connection when configured as a Timer.

Terminal connections (JGSTATW1)

Understanding your terminal connections

Rear of unit

Sensor Terminals. Can be used for an external Air or Floor sensor when configured as thermostat. Can also be used for Cylinder thermostat when configured for HW.

Coordinator set-up

To commence system installation, press and hold the button for 5 seconds. The button will start to flash red indicating that the Zigbee network is ready to accept JG Aura devices.
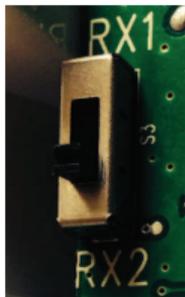
For full Coordinator instructions please see seperate literature or go on line to speedfitUFH.co.uk

JGBR set-up - Wireless Boiler Receiver or Wireless Receiver

The JGBR default setting is RX1 (Wireless Boiler Receiver). In this mode, the JGBR will switch on the boiler in response to a call for heat.

To set as a wireless receiver, switch to RX2. The wireless receiver will be paired to just one chosen thermostat on the network. This thermostat will switch the wireless receiver when there is a call for heat.

Identifying the Wiring Centre

After setting up, the Coordinator will assign the Wiring Centre a number. This is because more than 1 Wiring Centre may be used on a project. Pressing the network button will illuminate the relevant number. The example shown is for Wiring Centre 1. If 1 and 2 are lit it would be Wiring Centre 2.

Programmable Room Thermostat paired with Wireless Wiring Centre

1

Start up screen as shown.
Press CONFIRM ✓

2

No action required.

3

Press CONFIRM ✓

4

⊔⊔ ⌁ icon flashing to request the number of the Wiring Centre you wish to pair with (see Identifying Wiring Centre - page 9). Use ⌃ and ⌄ to select the required number. Press CONFIRM ✓

5

gr requesting group number. No action needed in this instance. Press CONFIRM ✓

6

Zone number flashing. Using the ⌃ and ⌄ to set the wiring centre zone you want the thermostat to control. Press CONFIRM ✓

7

Thermostat returns to home screen and the pairing is finished. *Testing:* Set thermostat to high temperature and wait for a call for heat. Check that the thermostat is communicating with the correct zone on the paired wiring centre.

Programmable Room Thermostat paired with Wireless TRV

Prior to pairing refer to Coordinator start up on page 8.

1

US_E

U FH

From start up screen press ⌃.
Screen will scroll to **2**.

2

US_E

r Ad

Press CONFIRM ✓

3

Jo in

No action required.

4

PR ir

Press CONFIRM ✓

5

Press Pairing Button on TRV(s) for 10 seconds until pairing light on the TRV starts to flash. Maximum of 6 TRV's can be paired at the same time.

6

Next press ❭ arrow on thermostat to start pairing process. **Do not** press Confirm ✓ as it will abort the pairing process and user will have to start again.

7

If thermostat only finds 1 to 5 TRV's it will continue to search until user presses Confirm ✓. If the maximum 6 TRV's are found the thermostat will automatically finish pairing and return to the home screen.

8

Thermostat returns to home screen. *Testing:* Set to call for heat. Check TRV's are opening and Boiler Receiver is receiving the signal. Turn down the thermostat and check TRV's shut and boiler receiver turns off.

Programmable Room Thermostat paired with Wireless Boiler Receiver (RX1)

Prior to pairing refer to Coordinator start up on page 8.

1

Note: See page 7 for setting of JGBR to RX1.

US E

U FH

Start up screen as shown. Press and hold bottom 3 buttons until next screen **2** is shown.

2

SE L

Pr og

Press CONFIRM ✓

3

US E

U FH

Press ⌄ to scroll to rEC i.

4

US E

rEC i

Press CONFIRM ✓

5

No action required.

6

Press CONFIRM ✓

7

Thermostat returns to home screen. *Testing:* Set thermostat to high temperature and wait for a call for heat. Check the Wireless Boiler Receiver is receiving the signal and switching on and off.

Programmable Room Thermostat paired with Wireless Receiver (RX2) Prior to pairing refer to Coordinator start up on page 8.

1

Note: See page 7 for setting of JGBR to RX2.

Start up screen as shown. Press and hold bottom 3 buttons until next screen **2** is shown.

2

Press CONFIRM ✓⚙

3

Press ⌄ to scroll to *rE C2* .

4

Press CONFIRM ✓⚙

5

Join

No action required.

6

PR i r

Press CONFIRM ✓

7

21.0 ℃

11:55
1 2 3 4 5 6 7

Thermostat returns to home screen. *Testing:* Set thermostat to high temperature and wait for a call for heat. Check the Receiver is receiving the signal and switching on and off. If there is also a boiler receiver fitted to the network check that this is responding.

Hot Water Timer paired with Wiring Centre

Prior to pairing refer to Coordinator start up on page 8.

1

Start up screen as shown. Hold bottom 3 buttons to scroll to screen **2**.

2

Press ∨ to scroll to Hot Water Timer screen `uu tr`

3

Press CONFIRM ✓

4

Press CONFIRM ✓

5

Join

No action needed.

6

PR ı r

Press CONFIRM ✓

7

ᒷᒷᒷ ¡
gr

Note: Hot Water Timer will automatically join Group 1.

ᒷᒷᒷ ¡ icon flashing to request the number of the Wiring Centre to pair with (see Identifying Wiring Centre - page 9). Use ⌄ and ⌃ to select the required number. Press CONFIRM ✓

8

A L ON OFF B
15:05
1 2 3 4 5 6 7

Hot Water Timer displays home screen. *Testing:* Set timer to [ON] and check that Hot Water Timer LED is lit on wiring centre.

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