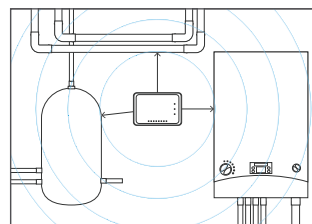




01 Installing the Switch-Box

You should fit the Switch-Box in a convenient location close to the boiler or central heating system.



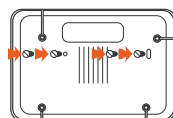
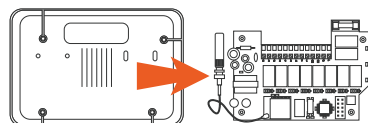
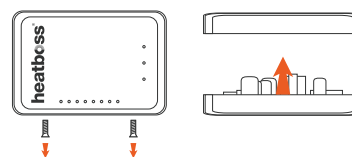
Make sure that the Switch-box is at least 30cm away from large metal objects, such as a boiler or hot water cylinder, to avoid interference with radio signals.

Take care to avoid any cables and pipes that may be buried in the walls.

Once you have found a suitable location, install the Switch-Box as follows:

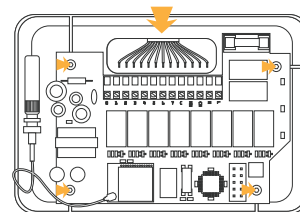
01

Loosen the 2 screws on the bottom of the Switch-Box and remove the top cover by lifting



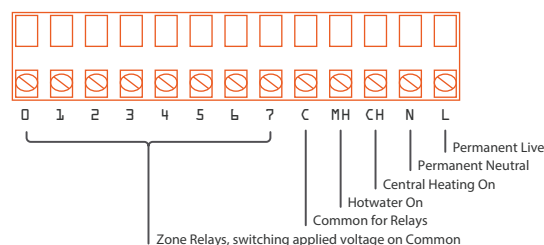
02

Remove the PCB from the enclosure and mount the back plate of the enclosure onto the wall with terminal at either position.

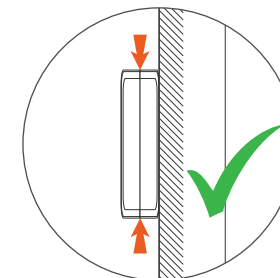


03

Replace the PCB and connect cable from boiler.

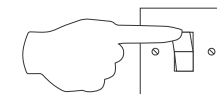


02 Testing the Boiler



01

Ensure the front panel is in place and that it is safe to commission the boiler.



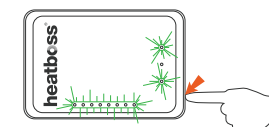
02

Restore power to the heating system. The power LED should flash red. This means that the Switch-Box is ready to connect to the Hub.

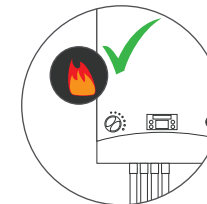


03

Test the Switch-Box wiring to the heating system by pressing the 'manual override' button.



All zones, CH & HW relays and green light should come on and the boiler should fire up.



Once you have completed these tests press the 'manual override' again to turn off relays and LEDs.

Leave the Switch-Box switched on with the power light flashing, (which means it's ready to connect to the hub.)

Boiler cable connection

Important information

Replacing existing heating controllers

If there's an existing heating controller, the heatboss Switch-Box is not compatible with the common boiler controller's back plate, remove it completely and wire in the heatboss Switch-box in its place. The heatboss Switch-box back plate will fit standard single or dual gang sockets.

The heatboss[®] Switch-Box is a state-of-the-art heating timer, which has been designed in accordance with approved safety regulations. Nevertheless, there is still a risk of injury or death to the user or third parties or damage to the device and other property if the device is used improperly.

The Switch-Box is a timer used to control boilers with or without hot water supply. Any other use or extended use is considered to be other than intended and the manufacturer/supplier is not liable for any damage resulting from unintended use. The heating engineer and/or the owner alone bear the risk. Intended use includes the observance of the operating and installation manual.

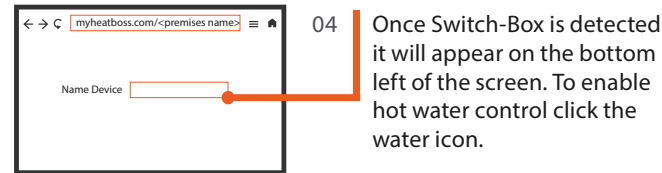
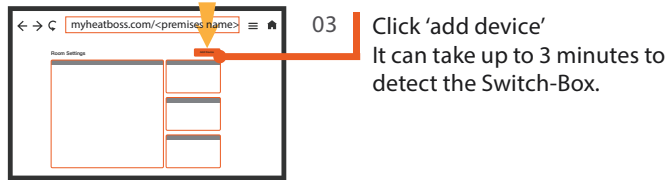
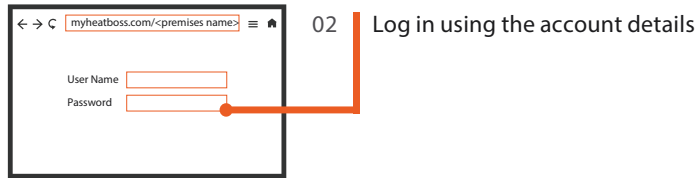
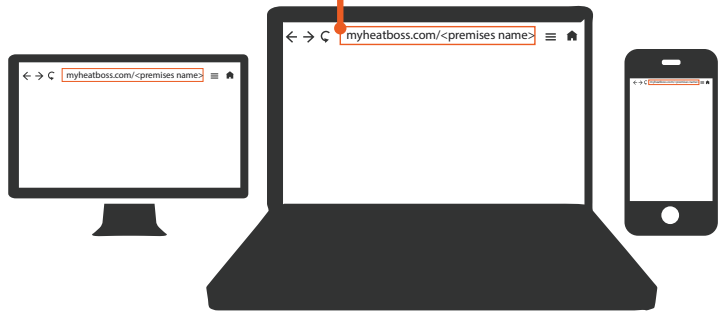
- Before you do anything, make sure the mains supply to the central heating system is isolated and stays off for the duration of the installation. Remember to always follow appropriate safe electrical isolation procedures.
- Only a fully-trained engineer should install this product. The wiring must comply with the current editions of BS7671 (IEE Wiring Regulations), Part 'P' of the Building Regulations and any relevant Technical Operational Procedures.
- The heatboss Switch-Box is insulated so doesn't need an earth connection.
- This product is designed for fixed wiring installation only. It must be supplied via a switched fused spur with a minimum contact separation of 3mm (both live and neutral) and fitted with a 5A fuse.
- This product has no user serviceable parts.
- Do not operate this equipment outside of its rated parameters, (current, voltage etc.). For example: do not wire directly to an immersion heater.
- The Switch-Box is designed to be fitted in an indoor location that is not subject to moisture or condensation.
- The Switch-Box must not be fitted where there is risk of explosion such as gasoline stations, oil refineries, etc.

03 Registering the Switch-box with Hub

Now that the Switch-Box is installed and ready to be registered...

Set it up via web browser

01 Go to myheatboss.com



Heatboss Switch-Box lights

The Switch-box has a total of 11 LED lights on its front panel to indicate what its doing.

Light	Colour	Pattern	What's going on	Comments
Power	Blue + Red	Solid	System Booting up	
Power	Red	Flashing	Looking for Hub	Switch-Box is scanning for a Hub to join
Power	Blue	Solid	Switch-Box sucessfully assigned to hub.	Switch-Box Running
Central Heating (CH)	Green	Solid	Heating is on.	
Hot Water (HW)	Green	Solid	Hot water is on.	
Z1 - Z8	Green	Solid	Zone is on.	

Technical Data

Item	Specification
Power Supply	230V AV +/- 10% @ 50Hz
Power Consumption	5.5 W oerational 0.4 W standby
Model	Switch-Box, SWB003
Dimensions	165 x 110 x 40mm
Weight	-----
HW Relay out	5A @ 240V AC
CH Relay out	5A @ 125V DC
Zone 1 - 8 Relay out	Voltage Free 5V - 240V 5A @ 240V AC 5A @ 125V DC
Conformity	Low Voltage Directive (LVD) 2006/95/EC EN 60730-1:2000/A2:2008 & EN 60730-2-9 Software Class A
Radio Signal	2.4Ghz Mesh Zigbee
Protection Class	Class II. Switch-Box completely protected by its enclosure.

Customer Service and Warranty

heatboss service

To ensure regular servicing, it is strongly recommended that a maintenance agreement is in place. Please contact heatboss Service Solutions team (028 94 22 8141) for further details.

heatboss warranty

A heatboss Switch-Box manufactures warranty will be granted if the owner can provide evidence that the system has been installed by a suitable qualified engineer, in accordance with these instructions. For complete clarity, all wiring must be in accordance with Building Regulations Part P and BS 7671 (IEE Wiring Regulations).

Commissioning of heatboss Switch-Box

I, the undersigned, confirm that I have undertaken the wiring of this device in accordance within The heatboss Switch-Box installation instructions and with Building Regulations Part P and BS 7671 (IEE Wiring Regulations).

Engineer name:

Date of commissioning:

Signature:

Okotech Ltd
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