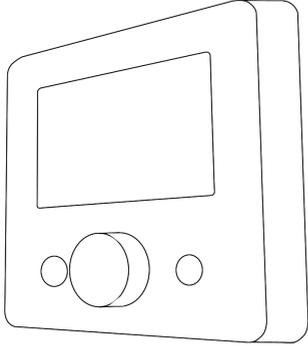




Wireless Thermostat

Digital Room Thermostat for the BCM:Connect



Pack Contains: 1x Wireless Thermostat, 1x Receiver

Device Information

Wireless Thermostat

Model: WTA

Wireless Thermostat Power: 2x AAA Batteries

Receiver Boiler Connection: 0-24V DC

Receiver Supply Connection: 230V AC



Made in China

Vericon Systems
Unit 5, Churchill Industrial Estate,
Churchill Road, Cheltenham,
GL53 7EG
www.vericonsystems.com

Support: support@vericonsystems.com

Safety and Guidelines

The BCM:Connect (BCM) and Wireless Thermostat should only be installed by a competent person.



ALWAYS ISOLATE THE MAINS SUPPLY BEFORE INSTALLING OR WORKING ON ANY COMPONENTS THAT REQUIRE A 230V AC SUPPLY

The Wireless Thermostat is intended for internal use only and requires a BCM to operate.

The Wireless Thermostat has a range of 120m in an open space from the receiver.

The Receiver should be installed next to the BCM.

Compatibility

The Wireless Thermostat is designed to work with the BCM:Connect

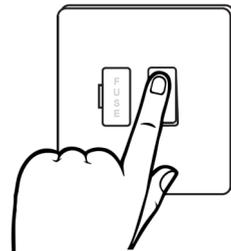
For more information on the BCM:Connect visit; www.vericonsystems.com/bcmconnect

Installation

The thermostat is to be installed during the installation of the BCM:Connect.

If your BCM:Connect is already installed, re-scan the QR code and follow the online portal through to reinstall the device with the Thermostat enabled

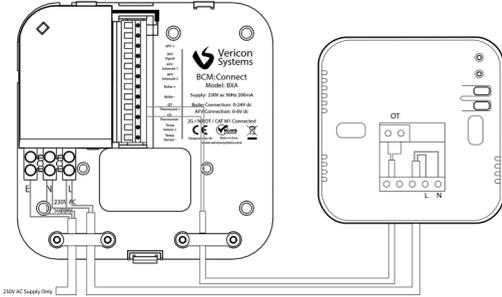
1. Ensure the mains supply is isolated



ALWAYS ISOLATE THE MAINS SUPPLY BEFORE INSTALLING OR WORKING ON ANY COMPONENTS THAT REQUIRE A 230V AC SUPPLY

Installation

2. Remove any existing thermostats and add a link wire into the room stat connections on the boiler
3. Remove the cover on the receiver and fix it in a suitable location using an existing or new backbox
4. Wire in the receiver to the BCM backplate as shown below
(Make sure to also wire in any wires detailed in the BCM installation guide such as the boiler connection)



5. Replace the cover on the receiver and continue with the BCM installation
6. During the BCM online installation, ensure “VSThermostat” is ticked on connected devices

Troubleshooting

The Thermostat will not work unless the BCM is fully installed and working.

The Thermostat will not work unless the link wire is installed (as specified in step 2)

If the Thermostat and Receiver will not pair after multiple tries, follow the instructions on the user manual to perform a factory reset on the devices.

For usage details, please consult the user manual

Installation

7. Once the BCM is installed, put batteries in the thermostat
8. Next, the receiver and thermostat will need pairing
 - A) Hold the top button down on the receiver until the top LED is flashing quickly
 - B) Hold down the dial on the thermostat until a the code shows on the screen
 - C) Rotate the dial on the thermostat so the code flashes
 - D) Wait for the signal icon to appear in the top right corner of the thermostat screen
(This can take up to five minutes in some cases)

Once paired, the upper LED on the receiver should be slowly flashing, and the lower LED should be on and not flashing

8. Wall mount the thermostat in a suitable place using the clip on bracket provided.
(Ensure the thermostat is within the signal range using the signal indicator bars on the screen)

Features and Technical Data

Features

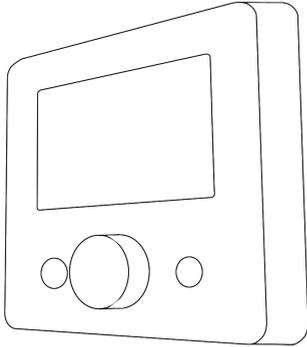
- 7 day programmable heating schedules
- Wireless distance: 120M in an open space
- Surface mounted Thermostat and Receiver
- Holiday Mode
- Frost Protection

Technical Data

Set Point Range	5–35°C
Ambient Temperature Reading	0-50°C
Relative Humidity	85°C
Backlight	White
Accuracy	±0.5°C
IP Rating	IP30
Thermostat Power Source	2x AAA
Receiver Power Source	230V AC
RF Frequency	868/433 Mhz

Wireless Thermostat

Digital Room Thermostat for the BCM:Connect



User Manual



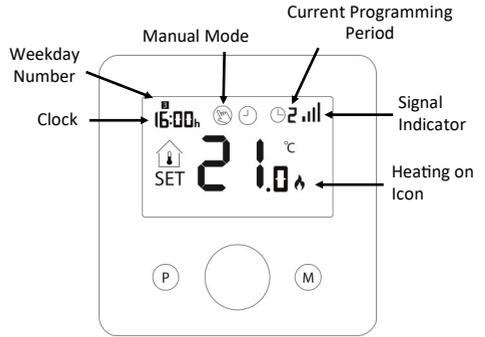
868/433 Mhz	RF Frequency
230V AC	Receiver Power Source
2x AAA	Thermostat Power Source
IP30	IP Rating
±0.5°C	Accuracy
White	Backlight
White	Colour

Product Details

Features
 7 day programmable heating schedules
 Wireless distance: 120M in an open space
 Surface mounted Thermostat and Receiver
 Holiday Mode
 Frost Protection

About the Wireless Thermostat

Display and Buttons



Setting the Clock and Weekday

Press and hold the M button for 3 seconds.

Set the minute, hour and weekday number by rotating the dial and pressing M to set the value and moving to the next value

By clicking the dial button, it will return to the home screen.

Mode Select

Press the M button to change modes.

There are three modes:

- Programmed Mode
- Manual Mode
- Holiday Mode

Programming the Thermostat

There are 4 programmable points per day, these can be set to turn the heating on and off up to twice per day.

To setup the programmed mode:

- Press and hold the P button for 3 seconds
- Set the time for the 1st setting, in 15 minute intervals, and press P
- Set the temperature and press P

Repeat for each of the intervals and for each day of the week.

Pairing

Hold the top button down on the receiver until the top LED is flashing quickly

Hold down the dial on the thermostat until a the code shows on the screen

Rotate the dial on the thermostat so the code flashes

Wait for the signal icon to appear in the top right corner of the thermostat screen
(This can take up to five minutes in some cases)

Once paired, the upper LED on the receiver should be slowly flashing, and the lower LED should be on and not flashing

Lost Connection

If there is a problem connecting to the BCM, the upper LED will flash fast until the connection is restored

Parameter Setting

To enter parameter settings, press the dial button to turn the thermostat screen off and hold the dial button for 6 seconds.

Adjust the value using the dial, and move to the next setting by clicking the dial.

Menu	Description	Default Value
01	Temperature calibration for internal sensor	0°C
02	Set point max.	35°C
03	Set point min.	5°C
05	Frost Protection Temp	5°C
09	Dead Zone	0°C
10	Display (0=Room Temp, 1=SET Temp)	0
11	Child Lock (0=Off, 1=On)	0
17	Factory Reset (See section overleaf)	0
54	Set point of domestic hot water	45°C
56	Max set point of boiler water	80°C

Factory Reset

Receiver

To factory reset the receiver, hold down both buttons together until both the lights turn on and don't flash
The receiver will now reset itself

Thermostat

To factory reset the thermostat, press the dial button to turn the thermostat off

Then hold the dial button down for 6s to enter the parameter setting menu

Navigate to menu 17 by pressing the dial button until 17 is displayed in the top left corner

Turn the dial to set menu 17 to 1

Then hold the dial button down for 5s until the thermostat restarts

Product Diagrams

