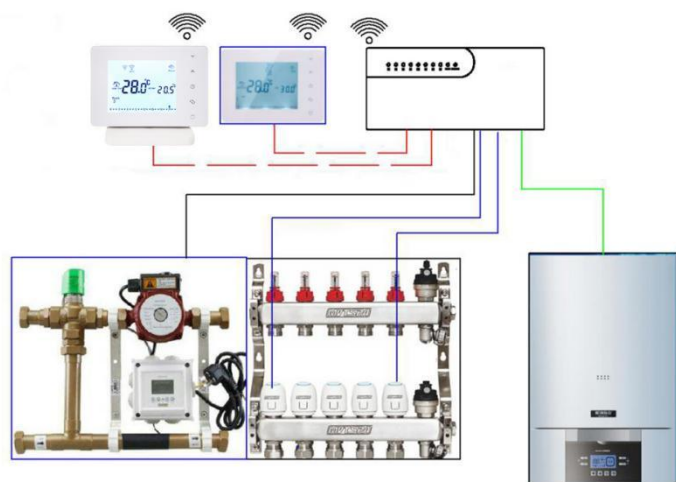# CCT-10-X Wireless Hub Controller Box Product Manual

1. Product summary

CCT-10-X, The controller is a newly developed heating hub with wireless control in response to market demand. Simple operation and complete functions.

Controllable: electric thermostatic valve, two-wire electric valve, solenoid valve, heater, water pump, wall-hung boiler, boiler, etc.
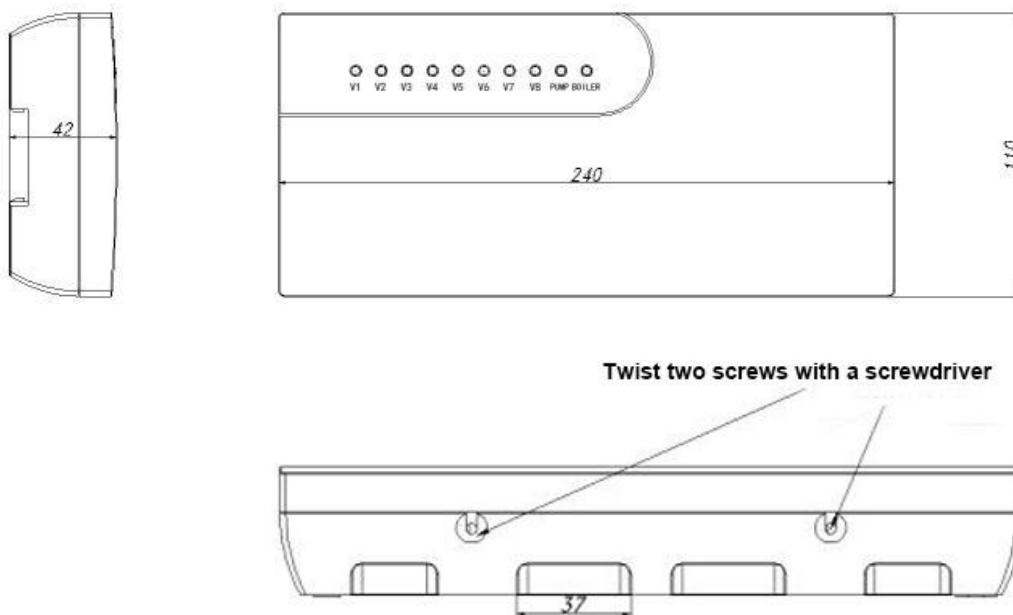
System components

1. Wireless Hub Controller
2. Wireless Boiler Thermostat
3. Boiler
4. Circulating pump
5. Electric Actuator

❖ Each hub controller can control up to eight thermostats and electric actuators.
❖ The system includes electric actuators, boilers, water pumps and various mixing valves
❖ Each output has a corresponding indicator light, which is concise and easy to find faults
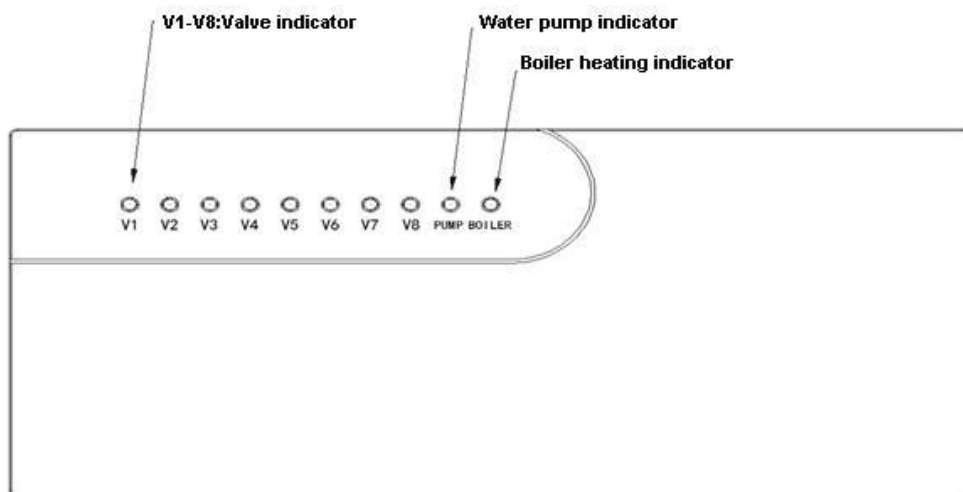
2. Technical Data

Power supply	200-240VAC 50 / 60Hz
Frequency	433MHZ
Limit temperature range:	5-99℃
Load current:	3A (water heating)
Self-consumption power:	<10W
Accuracy:	±1℃
Delay time:	120S
Size	240mmX110mmX42mm

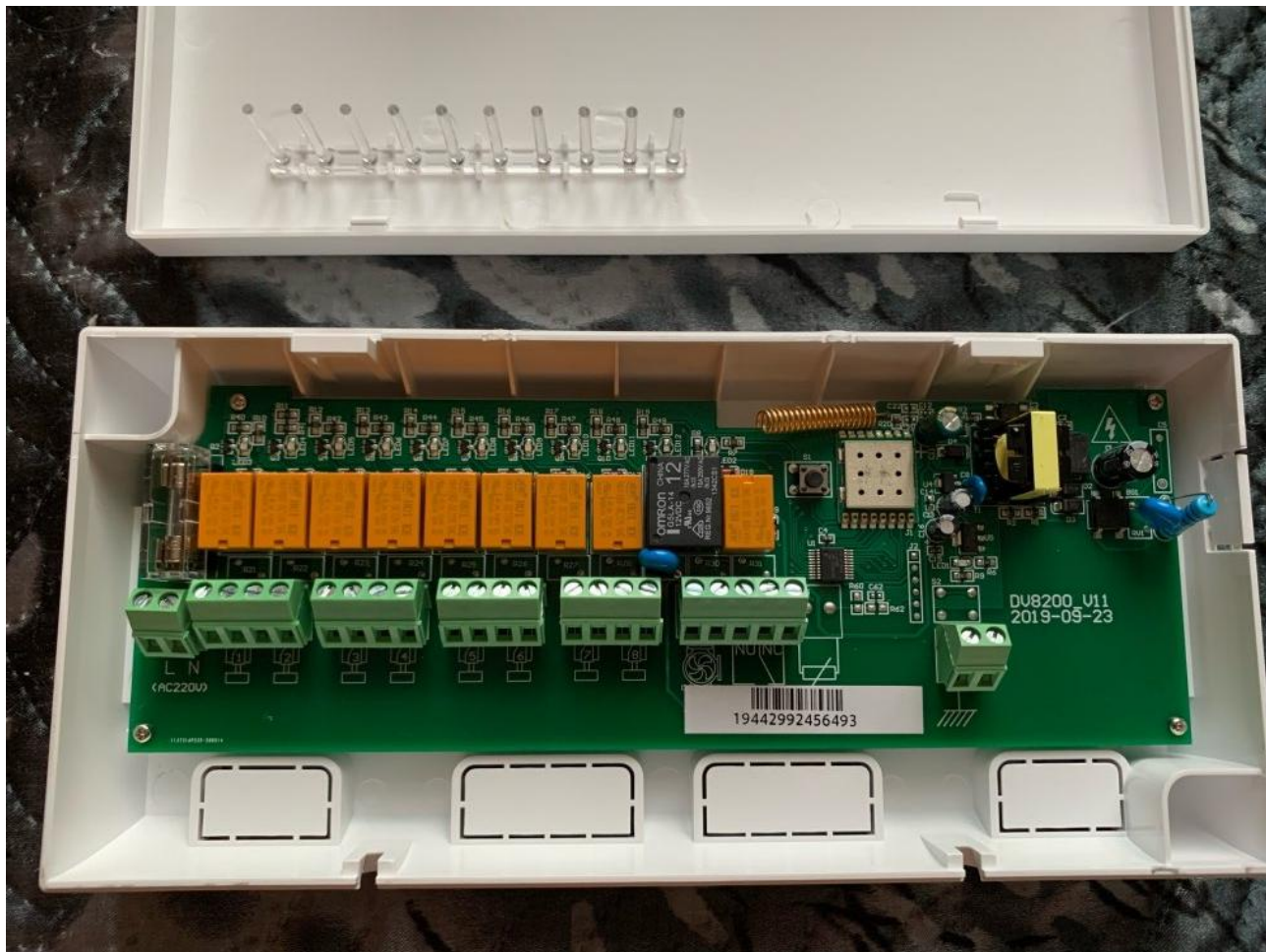## Product Dimension

Twist two screws with a screwdriver

Output light Indication

(1) When LED1 is constant light, it indicates that there is a power input;

(2) The flashing indicator in the LED box indicates that there is a status indication (if breakdown occurs, light will be off or always on);

(3) The red indicator light is on, it indicate that the 1-8# sub-chamber electric valve is open.

(4) LED9, 10, The red indicator light is on to indicate that the boiler and auxiliary circulating pump or the main valve of the system are open.

3. Installation Illustration

Pry open the wiring ports, a total of four can pass through the power and control lines from the bottom. Install two straight tapping screws diagonally.

Each pair of ports is connected to a two-wire electric heating valve. One supply can receive up to 8 pieces.

Debugging instructions (only allowed by engineering personnel)：

1. If you need to debug or check whether the main controller is working normally, you can press and hold the debug button before powering on and then power on. At this time, the time delay is invalid and you can quickly check the requirements for debugging. The function (such as no operation after 20 minutes of debugging function failure).

2. Normally open valve and normally closed valve switching: long press the debug button for more than 7 seconds, and LED1-8 will display when the communication is not connected or the thermostat is not working. At this time, the device can control the normally open valve.