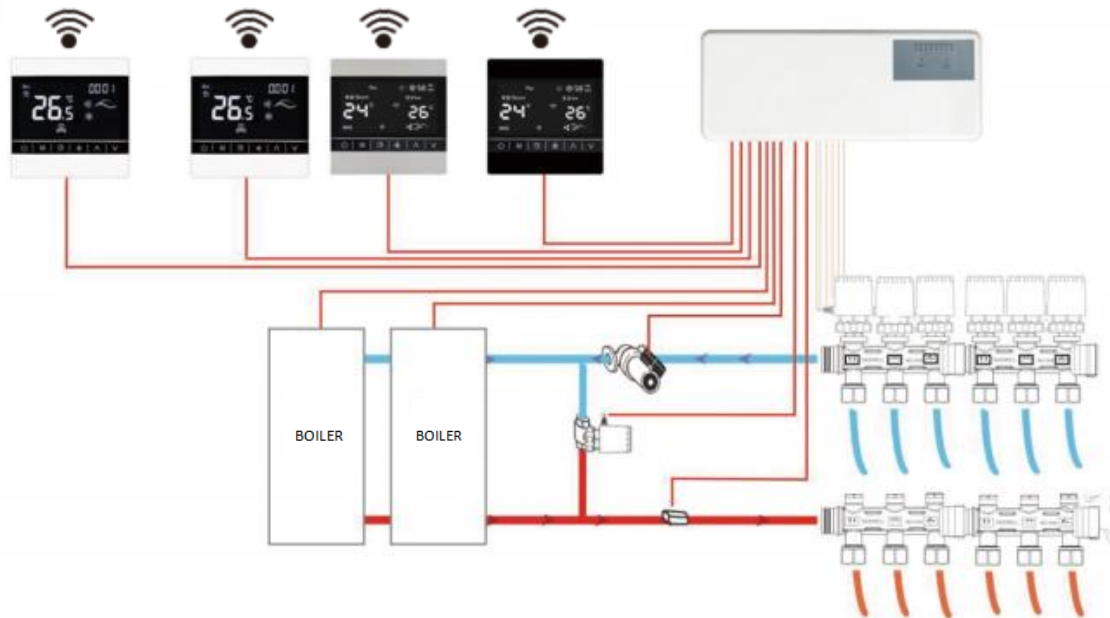


FloorFlex Wireless Cable Center – Multi-Control Unit for Hydronic Underfloor Heating and Cooling Systems

The FloorFlex Wireless Cable Center controls the switching of the boiler, circulation pump, or FloorFlex electrothermal actuator according to the user's set temperature requirements, ensuring comfortable temperature regulation and reducing energy consumption.

System Components



Schematic Diagram

1. FloorFlex Thermostat
2. Boiler
3. FloorFlex Electrothermal Actuator
4. FloorFlex Cable Center
5. Electric Valve

Technical Specifications

- **Power Supply:** 100–240VAC, 50/60Hz
- **Maximum Total Current:** 10A
- **Operating Temperature (ambient):** –20°C ~ 60°C
- **Storage Temperature:** –20°C ~ 70°C
- **Dimensions:** 280mm × 110mm × 40mm
- **Color:** White

Wireless Code Pairing Between Transmitter and Receiver

1. **Panel Settings:** After inserting batteries and activating the transmitter (FloorFlex wireless thermostat), set the "Relay Output Settings" in advanced options to 8 panels (1 to 8).
2. **Wireless Code Control:** Connect the receiver (FloorFlex wireless cable center) to the power supply (please connect correctly according to the wiring diagram). When the receiver is turned off, press the "M" button on the transmitter and the "switch" on the receiver simultaneously for 3 seconds. The transmitter (FloorFlex wireless thermostat) will display wireless signals and output channels, while the receiver's yellow light will flash for 3 seconds. At this point, the transmitter code will automatically pair. (Wireless communication signals will refresh once per hour while active).

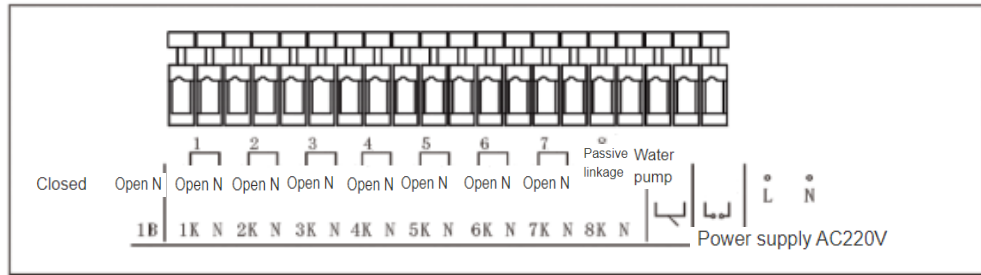
Transmitter (FloorFlex wireless thermostat) operating status icon explanations



Precautions




- Ensure the main power supply is disconnected before installing, dismantling, cleaning, or servicing the thermostat.
- Read the instructions carefully before installation and operate the thermostat strictly according to the manual.
- Only engineering companies with appropriate safety knowledge may install thermostats.
- All cables must comply with local and national standards.
- Always follow this user manual during application.

Interface and Terminal Block Connections



Output Instructions:

- Circulation Pump Output Port: AC 250V (10)
- Passive Link: Boiler connection open
- Power Input: AC 110–250V, 50/60Hz, 10A

- (1)  • **Power Light:** Red light indicates power input is present.
- (2)  : • **Channels 1–8:** Green light indicates the actuator valve in compartments 1–8 is open.
- (3)  • **Signal Light:** Green light indicates that the wall-mounted boiler, auxiliary circulation pump, or main system valve is open.

Installation Diagram

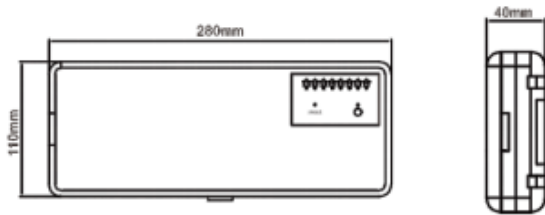


Fig.1 Dimensions

L 280mm X W 110mm XH 40mm

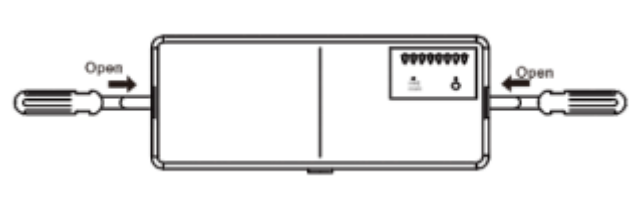


Fig.2 Outer Cover Separation

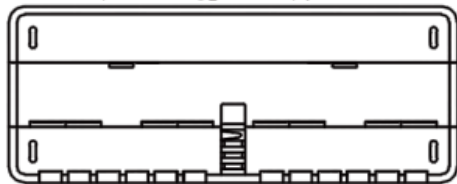


Fig.3 L 280mm x W 110mm x H 40mm

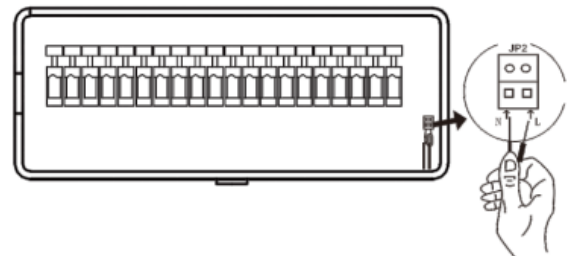


Fig.4 Power Input