

BOT-R6X Wireless Gas Boiler Heating Thermostat



Low Temperature Protection Function

Advanced options enter the third option ON, the thermostat is in the shutdown state, when the indoor temperature is lower than 5 degrees, the thermostat automatically turns on heating. when the indoor temperature rises to 5 degrees, the thermostat automatically turns off heating.

Electrical Specification

1. Temperature sensor: NTC
2. Temperature precision: +0.5°C
3. Self- consumed: < 170uW
4. Voltage: 3pcs 1.5V batteries
5. Load current: 3A(negative)
6. Protection grade: IP20

Application

Intelligent digital thermostat is a temperature controller suitable for floor heating systems. Through comparing ambient temperature and set temperature, it controls the working state of the electric valve of the floor heating system to adjust the ambient temperature, which is comfort and energy saving.

Operating Instructions

ON/OFF key: Press the ON/OFF key to turn on and off once; Press shutdown again while closing all valves.

Mode switch key: In the power-on state, press **M** to switch the working mode. The LCD indicates the manual mode and the display indicates the automatic mode.

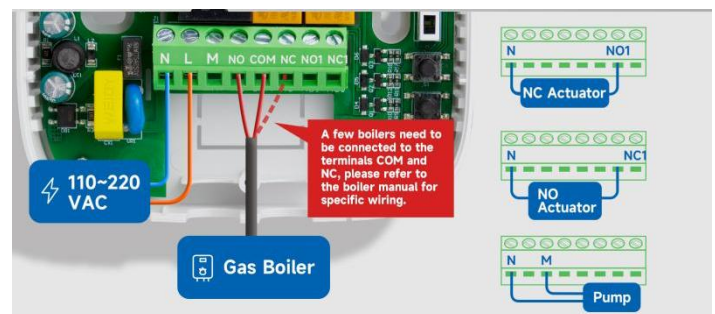
Regulation key: In the power-on state, press the **▲ ▼** button to adjust the setting temperature and other parameters.

Clock adjustment: In the power on state, press and hold the **M** button for 5 seconds. After the icon flashes, press **▲ ▼** to adjust. Press the **M** button to switch between time and week adjustments, and press the **ON/OFF** button to save and exit.

Lock key function: In the power on state, press and hold the **▲** and **▼** button for 5 seconds to enter the lock button state on the panel. A lock icon appears at the right side of the display screen, it indicates that the keys are locked successfully.

Wiring Diagram

N	L	M	NO	COM	NC	NO1	NC1
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Remark:

- N & L:** 110~220Vac input
- NO(NC) & COM(dry contact):** boiler / heater
- N & NO1:** normally close (NC) actuator
- N & NC1:** normally open (NO) actuator
- N & M:** Pump

Notes: since some circuits of this product involve strong electricity, which need to be installed by professionals.