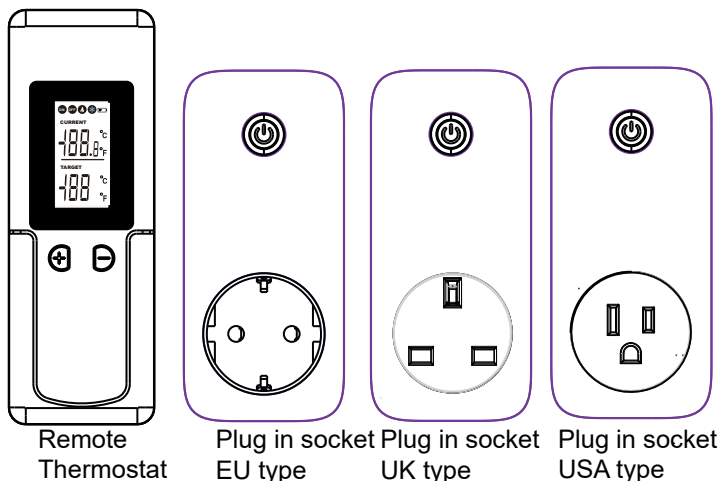


EN OWNER'S MANUAL WIRELESS THERMOSTAT



FCC Statement

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

FCC Radiation Exposure Statement

This device complies with FCC radiation exposure limits set forth for an uncontrolled environment and it also complies with Part 15 of the FCC RF Rules. This equipment must not be co-located or operating in conjunction with any other antenna or transmitter. End-users and installers must be provided with antenna installation instructions and consider removing the no-collocation statement.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

- (1) this device may not cause harmful interference, and
- (2) this device must accept any interference received, including interference that may cause undesired operation.

Caution!

Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.



1. INTENDED USE AND PRINCIPLE OF OPERATION

The Wireless Thermostat is used to automatic control of electrical heating or cooling appliances and consists of 2 components: a Remote Control Unit with intergrated temperature sensor and a Plug in Socket Unit.

It will automatically turn on/off heating devices or cooling devices as your preset target temperature, to maintain a stable room temperature in order to provide comfort and save energy.

2. SPECIFICATION

Transmitter, Remote thermostat control:

CURRENT temp. range: 0.0 °C~60 °C or 32.0 °F~140.0 °F
 TARGET temp. range: 0 °C~60 °C or 32 °F~140 °F
 CURRENT temperature resolution: ±1 °C / °F
 Batteries: 2PCS*1.5V AA battery(not include in shipping)
 Low temp. warning: CURRENT shows LL (≤0.0 °C)
 High temp. warning: CURRENT shows HH(≥60.0 °C)
 Wall mounted holder & Table stand

Receiver, Plug in socket:

Transmission Frequency: 433.92MHz
 Maximum Range: 40 meters in open area
 Maximum Rating:
 EU type: 230V/16A/50Hz, 3600W Max.
 UK type: 250V/13A/50Hz, 3200W Max.
 USA type: 120V/15A/60Hz, 1800W Max.
 Australian type: 240V, 10A, 2500W Max.

3. HEAT MODE(☀) / COOL MODE(❄)

This wireless thermostat is designed with **HEAT** mode and **COOL** mode, two mode is switchable as below steps:

- * Press and hold + button before loading the AA batteries for remote thermostat, after loaded the batteries the heating symbol(☀) will be flashing. At this time, press - button switch between cooling(❄) or heating(☀). After your select, press + button to confirm, exit mode switching and back to auto control.
- * When you reload batteries for remote thermostat next time, the mode symbol is memorized as your last choice.

Mark: If you don't want to change mode, just load batteries without press any button.

4. DESCRIPTION

Remote thermostat control

- ① Green LED indicator
- ② Current operation mode display:
 - display ON/OFF status
 - display Heat symbol (☀)
 - or display Cool symbol (❄)
 - low battery warning symbol 🔋 flash (if battery voltage is below 2.6 V)
- ③ CURRENT temperature (°C / °F)
- ④ TARGET temperature (°C / °F)
- ⑤ + button:
 - go into Heat/Cool mode switching
 - set target temperature (+)
 - ALWAYS ON mode
- ⑥ - button:
 - select Heat or Cool mode in switching mode
 - set target temperature (-)
 - ALWAYS OFF mode

* °C/ °F switchable

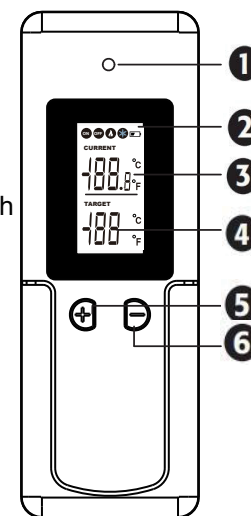
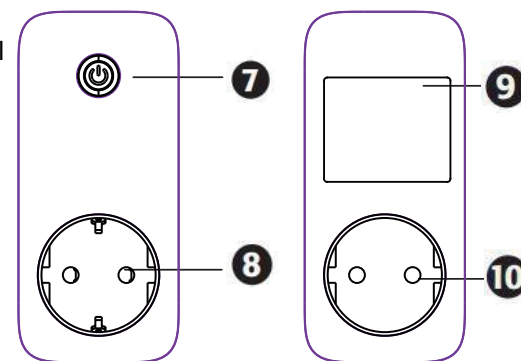
Hold and press ⑤ & ⑥ at the same time about 3 seconds, then it will switch between °C / °F

* Memory function

All the settings will be memorized even if power is off. It includes target temperature setting, °C / °F choice, Heat/Cool choice

Plug in socket

- ⑦ Red/Green LED indicator and ON/OFF button
- ⑧ Socket
- ⑨ Rating label
- ⑩ Plug



5. Pairing method

After the Plug in Socket is connected to electric mains the LED indicator is red color, press ON/OFF button **7** for 3 seconds, the LED indicator will be flashing, press any button in remote control, send signal to receiver, LED indicator stop flashing, it means pairing is successful.

Red LED indicator--relay ON status
Green LED indicator--relay OFF status

Remark:

If you manually turn off plug in socket by ON/OFF button, it will not receive any commands from remote control, except you turn on plug in socket again by ON/OFF button.

6. AUTO OPERATION IN HEAT MODE()

Press **5** or **6** button to set the target temperature. When the target temperature is higher than the current temperature (Fig.1):

1. The transmitter sends commands to turn on all the connected socket.
2. LCD display ON symbol.
3. The red LED indicator **7** is on.
4. The connected heating devices will be in working status to heat the room.

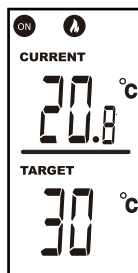


Fig.1

As the heating devices works, current temperature will be increasing and approach the same as target temperature(Fig.2)

1. Transmitter will send OFF commands to turn off all the connected heating devices.
2. LCD displays OFF symbol.
3. Red LED indicator **7** is off.

When current temperature decreases by 1°C, ON command is sent to turn on all connected heating devices again.

So, the room temperature will remain between:

Target Temp.-1°C ≤ Room Temp. ≤ Target Temp.

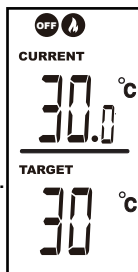


Fig.2

7. AUTO OPERATION IN COOL MODE()

If you want to control cooling devices, please switch to cool mode(see 3. HEAT MODE/COOL MODE).

In cooling mode, the operation is opposite to heat mode. Press **5** or **6** button to set the target temperature.

When target temp. is lower than current temp.(Fig.3)

1. Thermostat control send commands to turn on all connected sockets.
2. LCD display ON, LED indicator **7** is ON.
3. The connected cooling devices will cool the room

As the cooling device works, current temperature will be decreasing and approach the same as target temperature. (Fig.4)

1. Thermostat control send commands to turn off all the connected cooling devices.
2. LCD display OFF symbol
3. LED indicator **7** is off.

Then current temperature start to increase, When current temperature increases by 1°C, ON commands is sent to turn on all connected cooling devices again.

So the room temperature will remain between:
Target Temp. ≤ Room Temp. ≤ Target Temp.+1°C

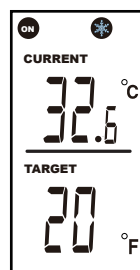


Fig.3

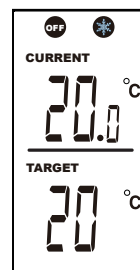


Fig.4

During AUTO OPERATION in Heat or Cool mode:

** Transmitter will detect temperature and transmit signal every 20 seconds, that is why a certain delay may occur when the device is in Auto Operation mode*

8. ALWAYS ON MODE

Use ALWAYS ON function if uninterrupted operation of heaters/cooling devices is required. Press and hold **5** button for 3 seconds to switch to ALWAYS ON mode, target temperature disappears, ON symbol will be displayed (Fig.5).

To return to Auto Operation Mode, press and hold **5** button for 3 seconds.

Manually turn off heating devices if not in use.

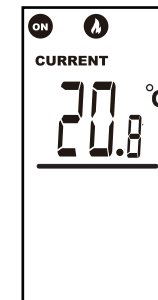


Fig.5

9. ALWAYS OFF MODE

To permanently turn all connected heaters or cooling devices off, press and hold **6** button for 3 seconds to switch to ALWAYS OFF mode. OFF symbol will appear, and only current temperature will be displayed(Fig.6)

To return to Auto Operation Mode, press and hold **5** button for 3 seconds.

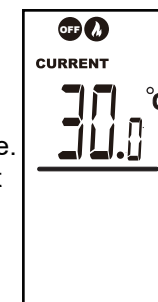


Fig.6

10. REMOTE CONTROL FUNCTION

This wireless thermostat can be used as remote control socket. You can manually turn on or turn off connected home appliances remotely by this item, such as your home lighting, TV, FANS, Radios, etc.

In auto operation mode, set **TARGET** temperature is far higher than **CURRENT** temperature, so that transmitter always show ON symbol (Fig.7).

- OFF: Then hold and press - button for 3 seconds to turn off home appliances remotely.

- ON: Hold and press + button for 3 seconds to turn on home appliances remotely again.

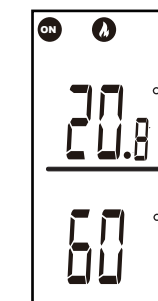


Fig.7