Heating Room Thermostat

This surface-mounted radio thermostat has been developed to be able to switch electric and conventional heating systems on and off using a set temperature and time.

Functions

- ✓ Large display can be clearly read with the background lighting.
- ✓ Easy to fit thermostat and receiver.
- ✓ Five buttons make it easy to use.
- ✓ 4 periods of each day programmable(5+1+1)
- ✓ The display shows the set temperature as well as the measured temperature, time.
- ✓ Temperature display in degrees Celsius.
- ✓ The thermostat is supplied with a wall-fixing frame, base and a very compact receiver (surface-mounted).
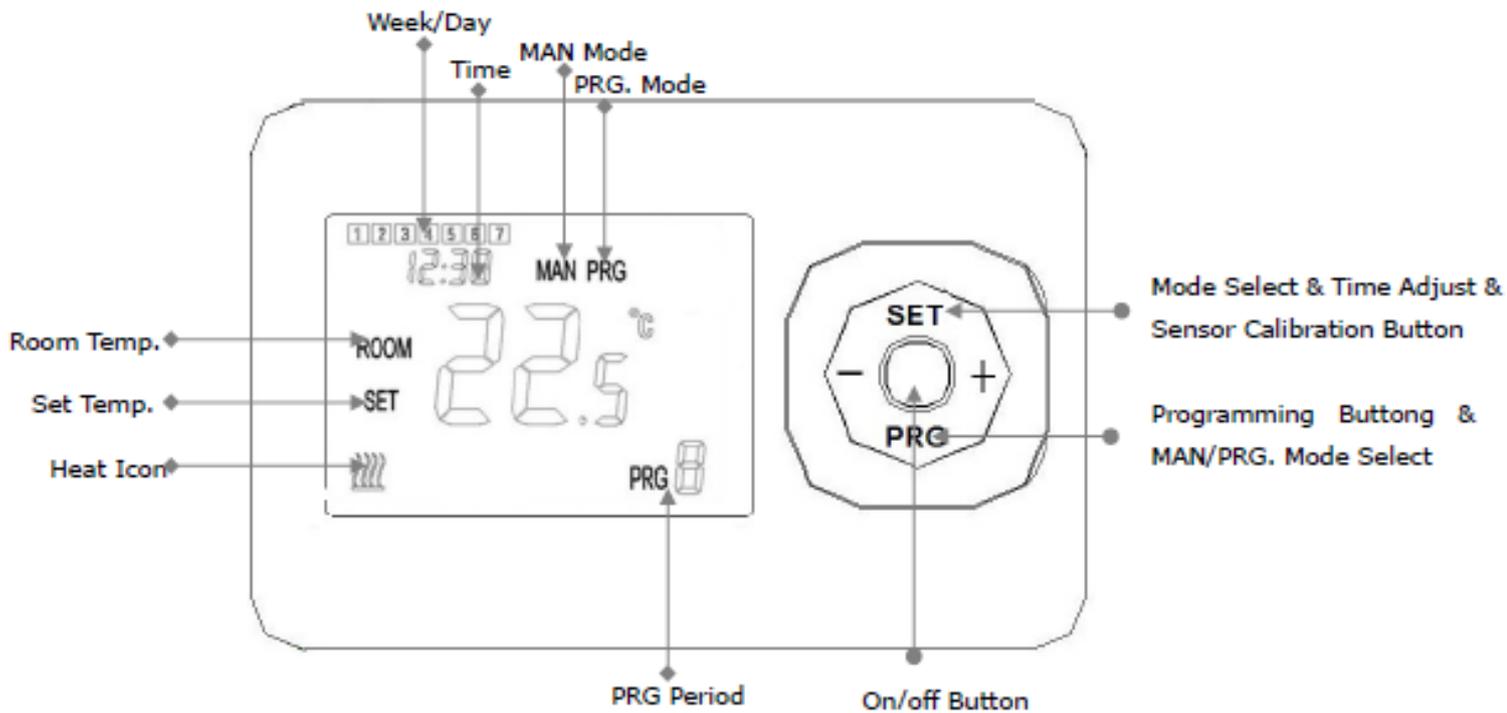
Technical Data

Thermostat operating voltage:	2 x AAA1.5 V, alkaline batteries.
Backup storage:	EEPROM
Maximum voltage / (ohmic) load:	0.5A
Switching options:	5+1+1 day, 4 periods each day.
Temperature settings:	5°C ~ 35°C, 0.5°C increments.
Accuracy:	+/- 0.5°C
Thermostat dimensions:	Surface mounted, 135mm x 87.5 mm x 23.2mm.
Color:	White
IP protection rating:	20.
Certification:	CE.

Heating Room Thermostat

Display & Buttons

- Week/Day
- Time
- MAN Mode
- PRG. Mode
- Room Temp.
- Set Temp.
- Heat Icon
- ROOM
- SET
- PRG
- Mode Select & Time Adjust & Sensor Calibration Button
- Programming Buttong & MAN/PRG. Mode Select
- PRG Period
- On/off Button

Mode Temp. Pre-set

Long press PRG button to enter PRG setting. The weekday is fixed from Monday to Sunday(1~7), each day have 4 periods(1~4).   Each press of PRG button can into next item setting.

The time and temperature of each period can be set in following steps.

1). Press PRG and hold for 3 seconds, the time display flash, change the value by + and - button. （each press is 15mins）

2) Press PRG button , the temperature display flash, change the temperature by + and - button.

3). Press PRG button to next period.

4). The other period settings follow the same way.

Example:

Period	Monday to Friday				Saturday				Sunday			
	1	2	3	4	1	2	3	4	1	2	3	4
Time	6:30	8:00	18:00	22:30	8:00	10:00	18:00	23:00	9:00	12:00	19:00	0:00
Temp.	21°C	18°C	21°C	16°C	21°C	21°C	21°C	16°C	23°C	21°C	16°C	21°C

Clock Adjustment

Press SET button for 3 seconds, set by "+" &"-". Each press of SET will go into next menu (Minute ➞ Hour ➞ week)
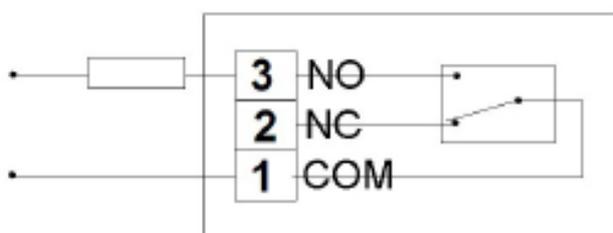
Open Window Detection

When the Open Window detect function is enabled in the parameter setting, the system will automatically stop heating when it detects a sudden drop of room temperature (2°C in 15 minutes as default). This is normally caused when a window or door is opened without turning off the heating device. The device will return to the previous mode of operation after 30mins, then OP disappear. Press any button will exit OWD function during the heating off period.

Parameter Setting

Turn thermostat off, press and hold **SET** button and + button for 6s to enter parameter setting. Each press of **SET** button will go to next item setting. Adjust the value by pressing + or – button.

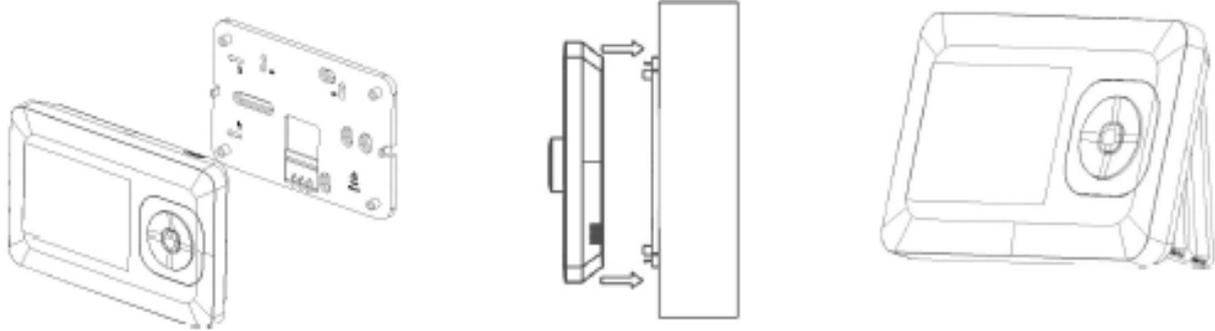| Menu	Description	Range	Default Value
01	Temp. calibration for internal sensor	-8 ℃ ~8 ℃	0℃
02	Set Point Max.	5 ℃ ~35℃	35 ℃
03	Set Point Min.	5 ℃ ~35℃	5 ℃
05	Frost Protection Temp.	5 ℃ ~15℃	5 ℃
09	Dead zone	0~3℃	0℃
10	Display	0: Room temp. 1: SET temp.	0
12	Open window detect function	1: Enable 0: Disable	0
13	OWD Detect Time	2~30mins	15mins
14	OWD Drop temp. select （within detect time）	2.3.4℃	2 ℃
15	OWD Delay time select (Return to previous working status)	10~60min	30mins
17	Factory reset	0: No 1: Yes, and then press On/off button for 5s,wait until thermostat restart	0
18	Software version		

Wiring Diagram

Mounting

Transmitter

Mount on wall: Separate the face plate and base plate, and mount the base plate on the wall with provide screws. After done, hung the face plate on base plate

Dimensions

Unit