

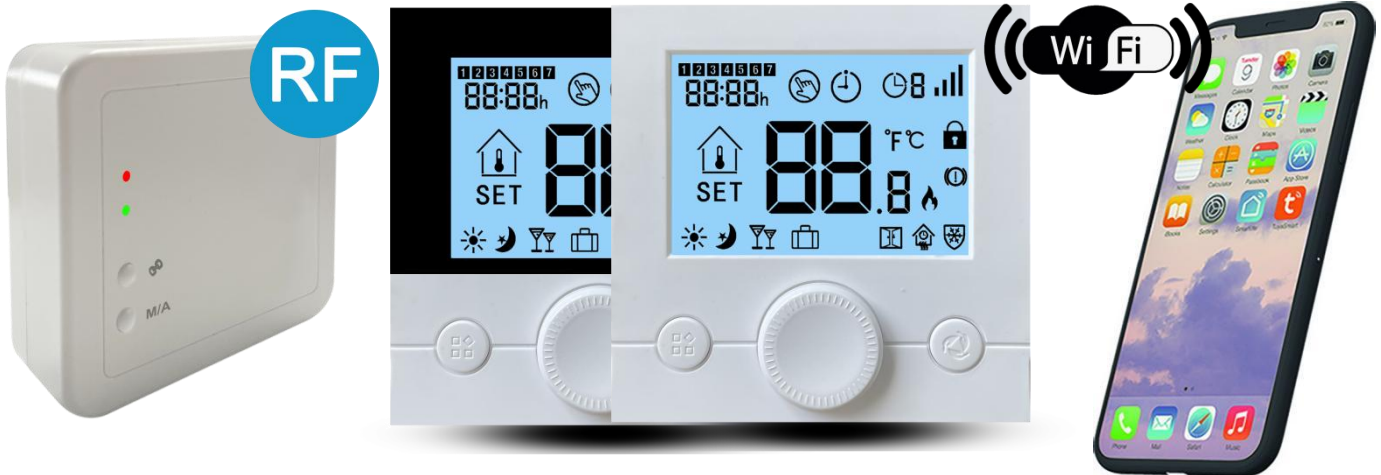
USERS MANUAL

WiFi PROGRAMMABLE ROOM THERMOSTAT

1. Product Introduction:

AC8078WF digital thermostat gets high precision internal NTC sensor to detect room temperature. The heating device is automatically turned ON/OFF to maintain the indoor desired comfortable room temperature.

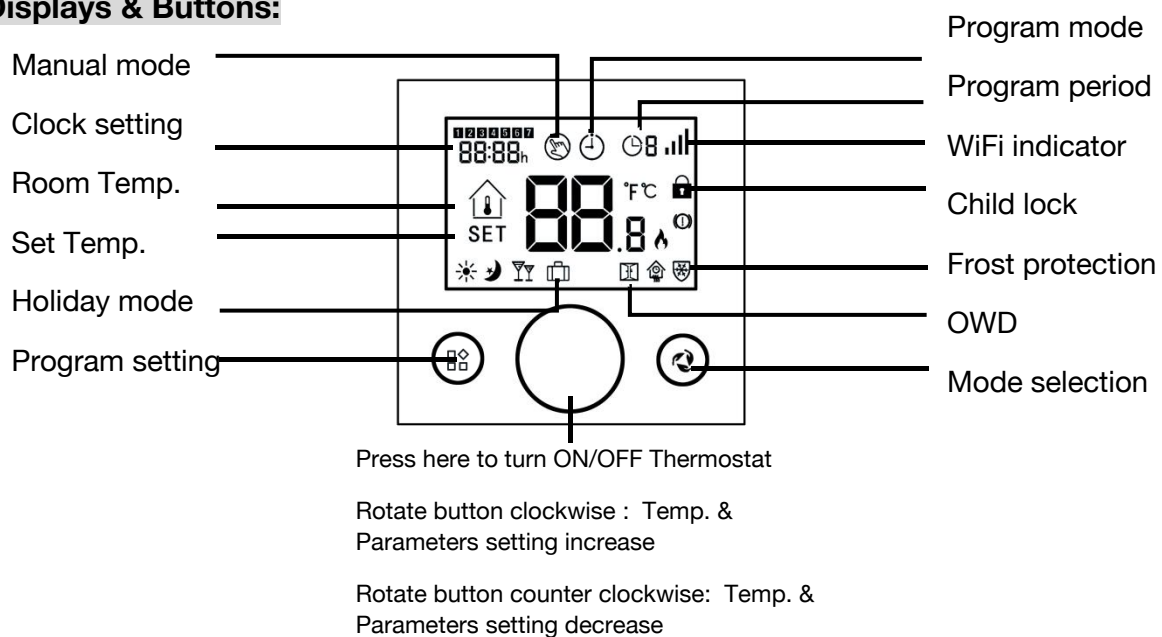
Large LCD screen display, displays the status of work mode, room temperature and set temperature etc...

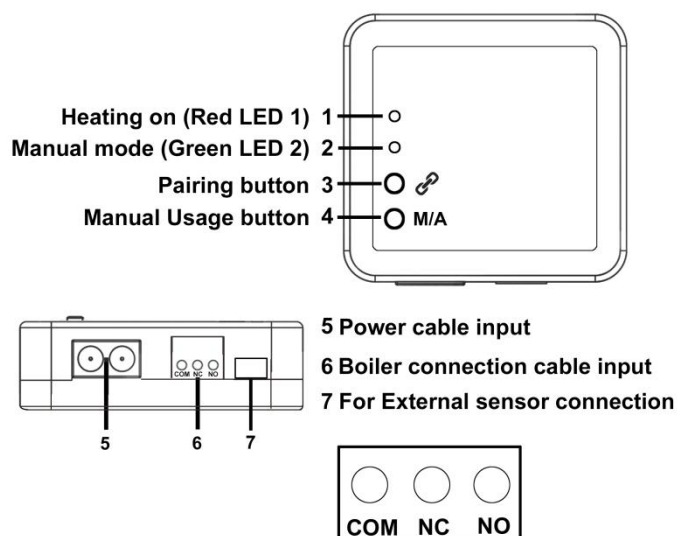


2. Technical Data :

Power Supply - 2*AAA battery Or 5V 1A USB	Backlight - White
Receiver relay contact - Max 10A	Sensor - NTC 10K
Set Point Range - 5~35°C	Accuracy - $\pm 0.5^{\circ}\text{C}$
Ambient - 0~50°C	Protection Class - IP30
Wall Surface Mounted / Place on desk	CE, RoHS approved

3. Displays & Buttons:





LED LIGHT EXPLANATIONS

Red On	Heating on
Red Off	Heating off
Red Flashing	No signal from thermostat
Green On	Manual control mode
Green Off	Thermostat control mode
Green Flashing	Pairing with thermostat

ATTENTION!



Do not install the receiver unit under the housing of the boiler or near hot pipes because it may damage the parts of the device or compromise wireless (radio-frequency) connection. To avoid electric shock, entrust a specialist with connecting the receiver unit to the boiler..

4. Parameter setting

Turn off thermostat, long press “Power Button” till screen display ‘01’ and related value, rotate button to set value, press ‘Power button’ again to enter next parameter setting.

Menu	Description	Range	Default value
01	Temp. Calibration	-8 ~ +8 °C (in 0.5 °C increments)	0°C
02	Set Temp. MAX	5 ~ 35°C	35°C
03	Set Temp. MIN	5 ~ 35°C	5°C
04	Frost Protection Temp.	5~15 °C	5°C
05	Switching Differential	0.5~5 °C	1°C
06	Room temp. or Set temp. display select	0(Room Temp.)/1(Set Temp.)	0
07	High temp. Limitation (For electric heat only)	25 ~ 60	35°C
08	Child lock	0/1(change value to ‘1’, and wait till lcd turn off, lock all buttons)	0
09	Open window detect function (OWD)	0(Function OFF)/ 1(Function ON)	0
10	OWD Detect Time	2~30 min	15 min
11	OWD Drop temp. (within detect time)	2-4 °C	2°C
12	OWD Delay time select (Return to previous working status)	10-60 min	30 min
13	Reset	0/1(Change to ‘1’, then long press round button to reset thermostat)	0
Adr	Pairing Code	/	4 digits
Software	Software version	/	/

5. Weekly program setting (5+1+1) 4 periods per day

- 1) Turn on the thermostat, press and hold  button for a while to enter program setting.
- 2) Set the schedule (Weekday-Period-Start time-Temp.) by rotate clockwise or anticlockwise , each  rotation of button will go to next item setting.

6.Code Paring

- 1) Long press Pairing Button on the receiver until LED 2 Green is flickering quickly.
- 2) Turn off thermostat, long press Power Button till screen light on, '01' and setting value displayed, press Power button again, until 'Adr' code display, then rotate Power Button.
- 3) LED 2 stop flickering immediately. Code pairing done.

7. Anti-frozen function

When the room temperature drops to setting value, thermostat will forcibly turns on heating device. When room temperature is 2 °C higher than setting value, heating device automatically turns off.

8. Open window detect function(OWD function)

When OWD is enabled in 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's opened without turning off heating device.

Heating device will return to previous mode of operation after 30mins, then OP disappear. Press any button will exit OWD function during the heating off period.

9. Manual Control

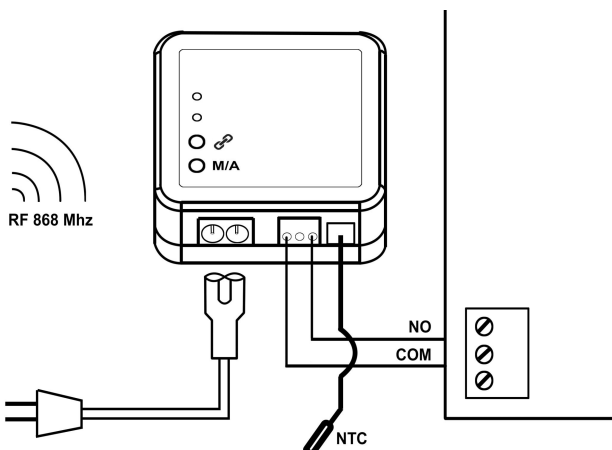
Pressing the 'M/A' button for 3 seconds to separate the thermostat from the receiver unit. In this case, the boiler connected to the receiver unit can only be turned on and off manually, without any temperature inspection. The continuously illuminated green LED 2 indicates "MANUAL" mode. Pressing the Pairing button turns on or off the boiler. (The red LED 1 is illuminated when the boiler is turned on, red LED 1 disappear when boiler turned off). By pressing the 'M/A' button again, the device quits manual control and resumes automatic operation(thermostat-controlled). Green LED 2 disappear.

10. Installation

Surface mounted



Place on desk

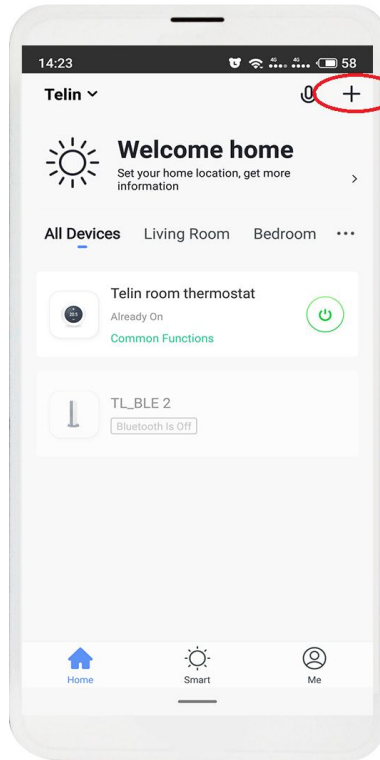


11.WiFi connect instructions:

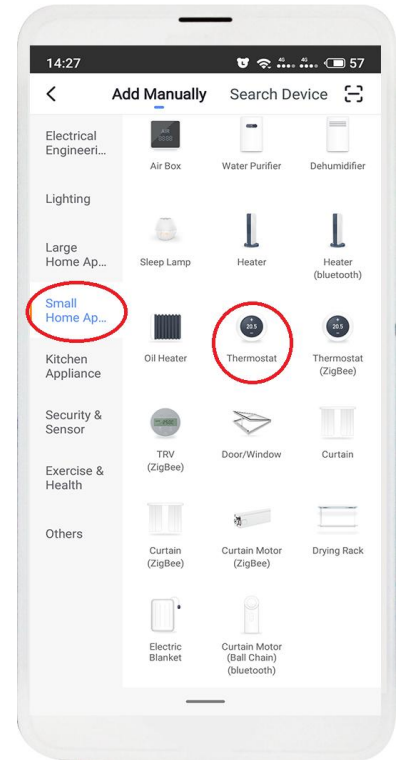
Notice: WiFi function can only be activated when thermostat powered by 5V USB. And 5V USB power supply will not charge the batteries.



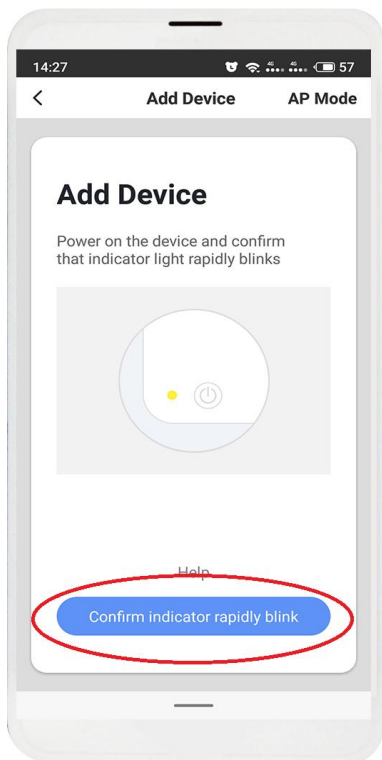
1.Scan the above QR Code by cellphone or sourcing the Apps “Smart Life” OR “TuyaSmart” at the App-store.



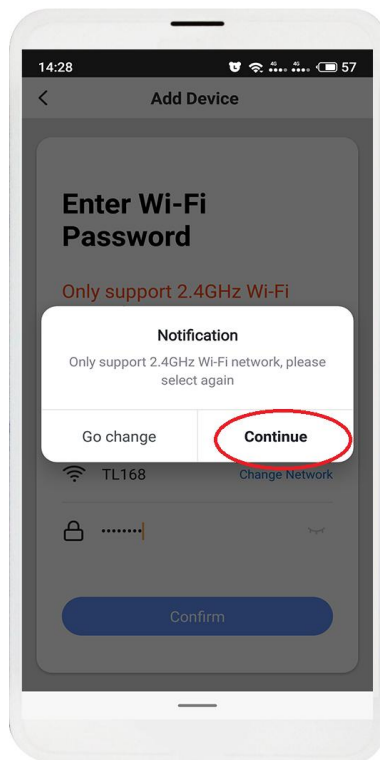
2.After completing the account registration, click “+” in the upper right corner of the APP main interface to add the device.



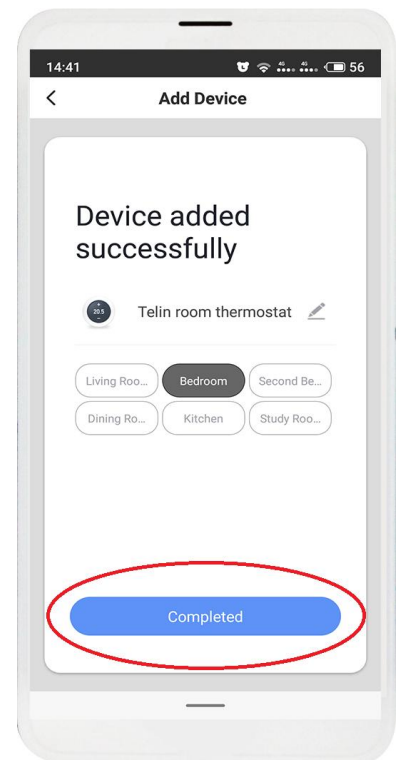
3. Please select “Thermostat” in “Small Home Application”



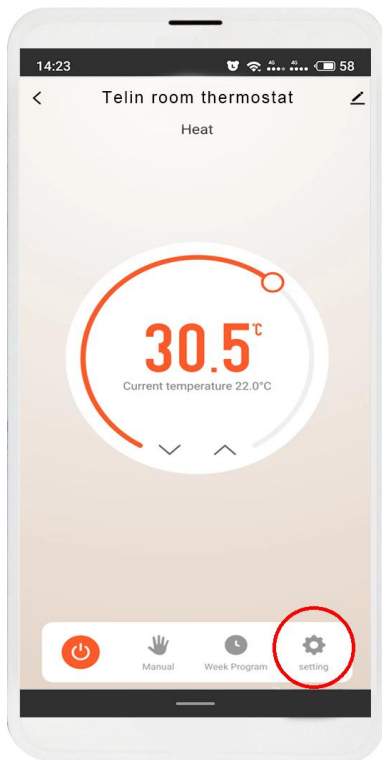
4.Please turn off the thermostat, then please press and hold mode button (ⓘ) on the left, until it show“”flashed, then click “Confirm indicator rapidly blink”



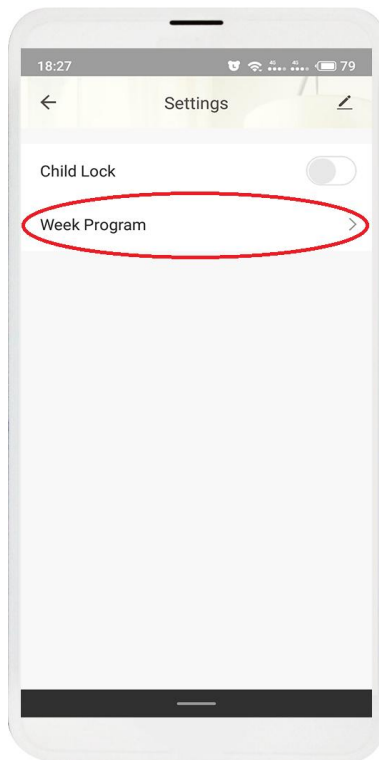
5. Enter Wi-Fi password and click “Confirm”, then click “Continue” to pair the devices



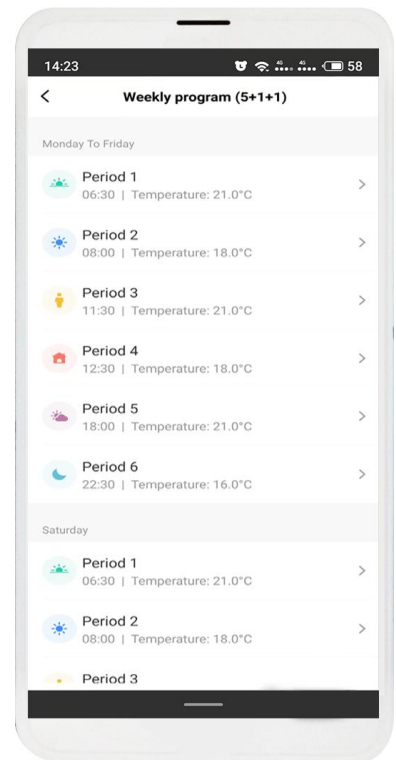
6. Waiting a few second until the device added successfully, click “Completed” to device main interface



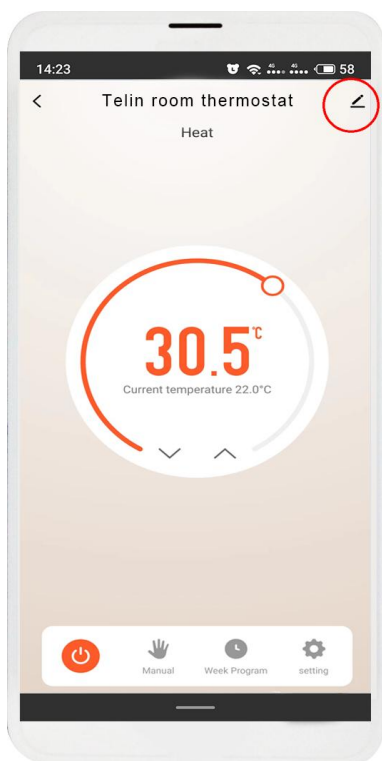
7. Click "Settings" for more settings



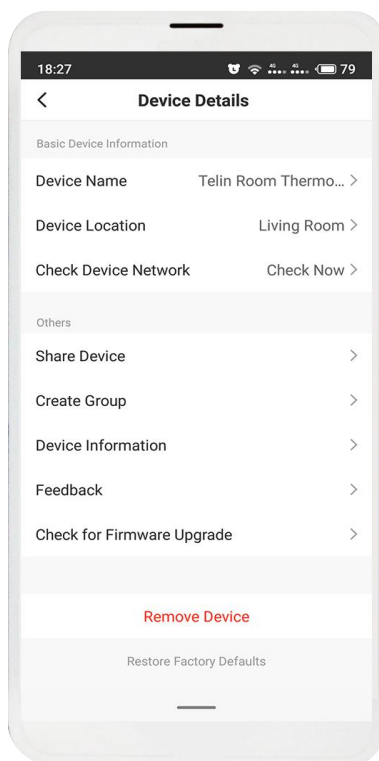
8. Click "Week Program" to enter program settings



9. Set your favorite time and temperature



10. Click on the top right corner to get device information.



11. Select the parameters that need to be changed for setting



12. Click "Switch" to turn off device