

Wireless Thermostat Manual

User Guide Model : TP608-TR



About your thermostat

TP608TR is a modern touch type wireless thermostat. It can replace most common residential thermostat and is designed to be used with water radiant heating control system.

Unlike ordinary single unit design thermostat, this unit is 868Mhz radio frequency to communicate with wireless wiring center TPX08RF and single Receiver. The distance over 150M in the open air. It can be used to control boilers, thermal actuators, motorized valves etc.

Thermostat all passed CE and Rohs standard.

Service

We offer the warranty of 24 months from the sales day. If it is not the problem of quality or beyond the warranty time, we will charge for the after-sale service.

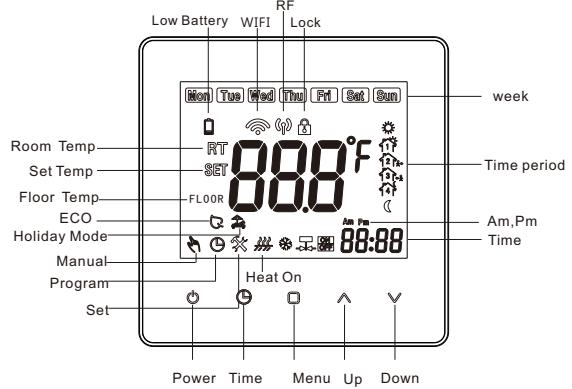
Technical Data of your thermostat

- Power source : 2 AA batteries
- Frequency band:868Mhz
- Room temperature setting range:5°C-35°C
- Working environment temperature range:0°C-50°C
- Storage Temperature range:-10°C-60°C
- Accuracy:0.5°C
- Dimension : 86mm*86mm*28mm
- Installation:Wall mount or Desktop

Features of your thermostat

- Temperature display of Celsius
- Programming Period: 5+1+1, 4separate periods per day.
- Zigbee APP control with IOS&Andriod option
- Anti-freezing protection
- Modern design similar as a cell phone.
- White/Black Colour option creates elegant life.
- Acrylic lenses to avoid the finger scratch.
- Touch Button makes simple operation.
- Large screen display with backlight is easy to read—even in the dark.
- One-touch temp control overrides program schedule at any time.
- Precise comfort control keeps temperature within 0.5°C of the level you set.
- Data memory when power is off.

LCD Display Reference



Operation

1. ⚡ Press this button to power on /off your thermostat
2. ⏴ Press this button to set min/hour/week
3. ⚡ Press this button to select manual /programm mode
 - ↳ **Manual mode:** Press ⚡ button to select manual mode. When you select manual mode, the symbol ⚡ will show in the bottom left corner. Press ⌄ ⌅ buttons to change the desire temperature
 - ↳ **Program mode:** Press ⚡ button to select program mode. When you select this mode, the symbol ⚡ will show in the bottom left corner. Press ⚡ buttons over 5seconds to activate weekly program set mode. Press ⚡ button to select (5+1+1)six periods time and temp. When you set the Desire time and temp. Press ⚡ button to save the set and return back home screen.
 - ↳ **Temporary mode:** During program mode. If you need change the temp, The icon ⚡ will appear. The presetting program will return in next period
4. ⌄ ⌅ **Child clock:** You could press ⌄ ⌅ 7seconds to lock/unlock your thermostat
5. ⚡ **Holiday mode:** Press ⚡ 7seconds to enter holiday mode when power on. The ⚡ icon will display on left button, Short press ⚡ to set desire day and temp. Press ⌄ ⌅ button to change day range 0-99 or desire temp. Press ⚡ button to save the set and return back home screen. Press ⚡ button to exit this mode
6. **Factory reset:** 1 weekly program reset, Press ⚡ button over 7seconds to enter program mode. Then press ⌄ ⌅ over 7seconds to go factory setting. The LCD will display "def" in the bottom right corner.
2. Configuration menu reset. Press ⚡ button over 7seconds to enter configuration menu when power off. Then press ⌄ ⌅ to go factory setting. The LCD will display "def" in the bottom right corner.
7. **Low battery alarm**
Low Battery symbol ⚡ will display on LCD when power <= 10%. APP will remind you to replace batteries
⚡ flash when battery power use almost 99%, RF will stop working. You have to replace new batteries immediately
8. **Sensor Err**
When thermostat display "ERR". It means sensor broken or has problem

Programm Settings

When power is on, press  for 7 seconds to enter programm mode. Press  to change the different items. Press   to set the relative values.

The order is Week-time-Temp(Monday-Friday,Saturday, Sunday=5+1+1)Each day has 4periods setting.

Time display	Weekday(MON-FRI)		Weekend(Saturday)		Weekend(Sunday)	
	Time	Set Temp	Time	Set Temp	Time	Set Temp
Period 1	6:00	22°C	6:00	22°C	6:00	22°C
Period 2	8:00	16°C	8:00	16°C	8:00	16°C
Period 3	18:00	22°C	12:00	22°C	12:00	22°C
Period 4	22:00	16°C	14:00	16°C	14:00	16°C

How to match code between thermostat and Wiring Center Box?

- 1.On the wiring center box TPX08RF,make sure it is during match code status.When power off.Press SET 7seconds. The channel RED light on.It means it is standby.
- 2.On your thermostat,press  and  7seconds when power off . The LCD will display:"---". Thermostat will display number(No.Range from1-8).It means match code sucessful. After 1terminal connect sucessful.The RED light will auto turn on in next channel.
- 3.Thermostat's RF symbol  will on it.

NOTE:

-  Flash means RF not match code.
-  Disappear means no RF signal.
-  Always on screen means RF working normal.

Configuration menu

Turn off the thermostat.Press  7seconds to enter configuration menu.During this menu,short press  to change parameters.Press  to confirm the setting.

No.	Function	Press   to set	Default
1	System selection	rA:Radiators UF:Underfloor Heating	UF
2	Calibration	-9°C to 9°C	0°C
3	Dead Zone	0.5°C to 5°C	0.5°C
4	Lock	0:All buttons will lock expect power button 1:All buttons will lock	0
5	Sensor selection	IN:Inner sensor OU:External sensor ALL:Both inner sensor&External sensor	ALL
6	Maximum temperature setting	20°C to 35°C	35°C
7	Minimum temperature setting	5°C to 20°C	5°C
8	High temperature protection(external sensor only)	25°C to 70°C	45°C
9	Low temperature protection(external sensor only)	2°C to 10°C	5°C
10	Display Mode	0:Room temperature 1:Setting temperature	0
11	Low Temperature protection(Anti-Freez Protection)	0:Off 1:On.When room temp =5°C,Heat on,When room temp over 8°C,Heat off	1

*High temperature protection

- 1.When external sensor detect the floor temp is over 45°C, Thermostat will turn off heat
- 2.When you connect external sensor.This function will work.In your thermostat, You could press  and  7seconds to check floor temperature.Thermostat LCD Will display ERR when external senor broken or loosen.
- If you dont connect external sensor.Then you couldn't check external sensor temp .

How to check the channel ?

After connected all of the thermostats with wireless center box. If you need to check which channel connect?

A:Long press  and  over 7seconds when thermostat power on. You could see picture bellow."001"stands communication channel."-3"stands the wiring center box No.3channel

