Manuals+ — User Manuals Simplified.

BEOK TCR7 RGB Colorful LCD Screen Smart Thermostat Instruction Manual

Contents

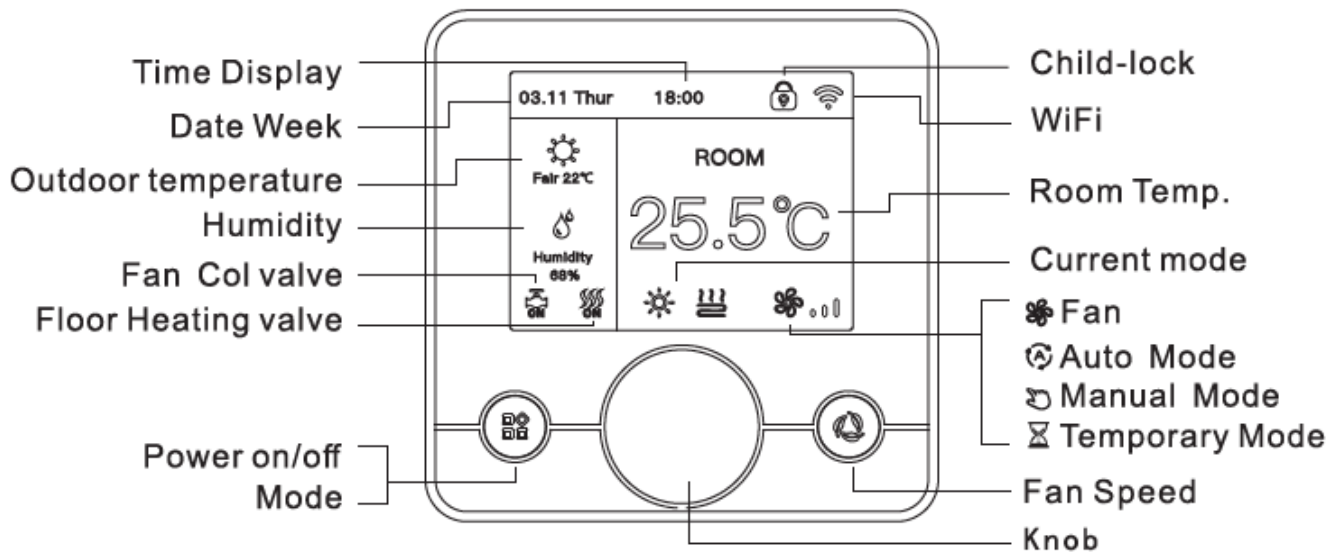**BEOK TCR7 Series RGB Colorful LCD Screen Smart Thermostat**

Product Overview

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This series of thermamost has Floor Heating, Fan Cal, and integrated vision, meeting the requirement under different sonerios

Version	System mode	Model	Application
Floor heating	Heating	EP	Built-in & floor sensor, floor limit sensor+ Weekly programming
		WP	A NC/NOdual-output+ Weekly programming
		WPB	A NC /NO dual-output+ Weekly programming+ Potential-free output
Fan Coil	Heating /Cooling/ Ventilation	Ac2	Timer task+ 2-pipe system
		Ac2-485	'Timer task + 2-pipe system+ 485Modbus (optional)
		Ac4	'Timer task + 4-pipe system+ 485Modbus (optional)
Integrated	Heating/ Cooling/ Ventilation /Floor heating / Floor heating+ Heating	AWY	Floor heating & fan coil, weekly programming + Potential-free output + Timer task + 485Modbus (optional)+ Door card (optional)

Display Symbols

Time Display

Date Week

Outdoor temperature

Humidity

Fan Col valve

Floor Heating valve

03.11 Thur   18:00

ROOM

Fair 22℃

Humidity 68%

25.5℃

Child-lock

WiFi

Room Temp.

Current mode

❄ Fan

Auto Mode

Manual Mode

Temporary Mode

Fan Speed

Power on/off

Mode

Knob

Temperature Control Mode(Floor Heating/Integrated)

- **Auto Mode**

  Weekly-DRC:ted program, up to 6 heating events can be set per day. Heading events, workdays and temperature can be separately customized based on personal routines.

- **Manual Mode**

  The thermostat works based on manually-set temperature, disconnecting from auto mode.

- **Temporary Mode**

  Thermostat wor1al based on manually-set temperature temporarily and tllen shifts beck to auto mode till next event.

User Operation

- **Power on/off:** Press the menu button shortly to tum on/off the thermostat.
- **Temp setting:** Relate the handwheel' button 'to change the set temperature by 0.5'C.
- **system mode**: Presa • menu button • shortly to switch cooling/heating/ventilation. (Fan Coll)
  - press menu button shortly to switch CDOlinglheeting/venliletionlftoor heating/ floor healing+ healing. (Inlagralad)
- **Enter menu:** Press " enter the menu Interface.
- **Temp control mode:** Prass•menu button • shortly ID swild1 manual/auto mode. (Floor heatiig)
  - Prass•fan button • shortly ID swild1 manual/auto mode. (Inlllgral8d, floor heating)
- **Child-lock:** Press' M '+ • menu button "f0r 3 seconds to ac:tlvate child-lock.

Auto-mode Setting
When device i& off, press •wheel button • to enlarge menu page, choose "period selling' ID set pa, monetary, then preSS login button) • to save and axit

Events		Time		Temperature	
		Default value	Modify	Default value	Modify
Workdays	Sunrise	06 : 00	◎ Rotate handwheel	20°C	◎ Rotate handwheel
	Morning	08 : 00		15°C	
	Nooning	11 : 30		15°C	
	Afternoon	12 : 30		15°C	
	Evening	17 : 00		22°C	
	Night	22 : 00		15°C	
Weekends	Sunrise	06 : 00		20°C	
	Night	22 : 00		15°C	

Advanced Setting (Usually for Professional Technicians)
Choose "advanced 8811ing' on menu page and put in p868WOl'd 123456 to enter advanced selling page, set parameters then press login button to save and exit

Meaning	0 Rotate handwheel	Default value
Sensor Mode	Built-in Sensor Floor Sensor Built-in Control&Floor Limitation	**IN**
Burt-in Sensor Calibration	-5-5°C	– 3 °C
Burt-inMaxSettingValue	5- 95 "C	50 °C
Floor Max Setting Value	10- 95 °C	50 °C
Limitation Value	20- 95 °C	35 °C
Output Jitter Control	0- 5 °C	1 °C
Anti-Freeze Protection	ON/ OFF	OFF
Linkage Mode	Non inverting Inverting Inverting Inverting and Anti-Freeze closed	Noninverting
Linkage lime Delay	0-5Min	0Min
Weekday Mode	Monday to Friday/Monday to Saturday /Mondyato Sunday/	2-day
Boot Type	Function Off/Function On/Function Saved	OFF
Temperature Unit	°F /° C	"C
Child Lock Type	None Lock All All but power	None
Control Mode	All/Air/Floor	Floor
Cloud Region	CN / US / EU	CN
Reset All Settings	/	/

RGB Colorful LCD Screen Smart Thermostat

- Scan QR code to finish network configuration swiftly, easy and conveniently.
- The programmable device, multiple periods allowed to set per day.
- 2.8 inches ultra-large colorful LCD screen, delicate visual effect.
- The device can be controlled by voice through Amazon Alexa and Google Assistant
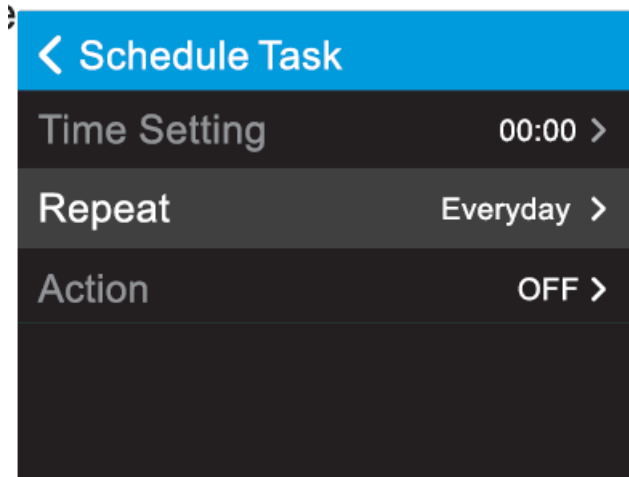
Parameter

- Supply voltage AC100~240V;50~60Hz

- Power consumption 1W Max (Wi-Fi 3W Max)

- Temp. setting range 5~95℃

- Floor limited range 20~90℃

- On/off deviation – 0.5~10℃, Factory setting ±1℃

- Ambient temperature – 5~50℃

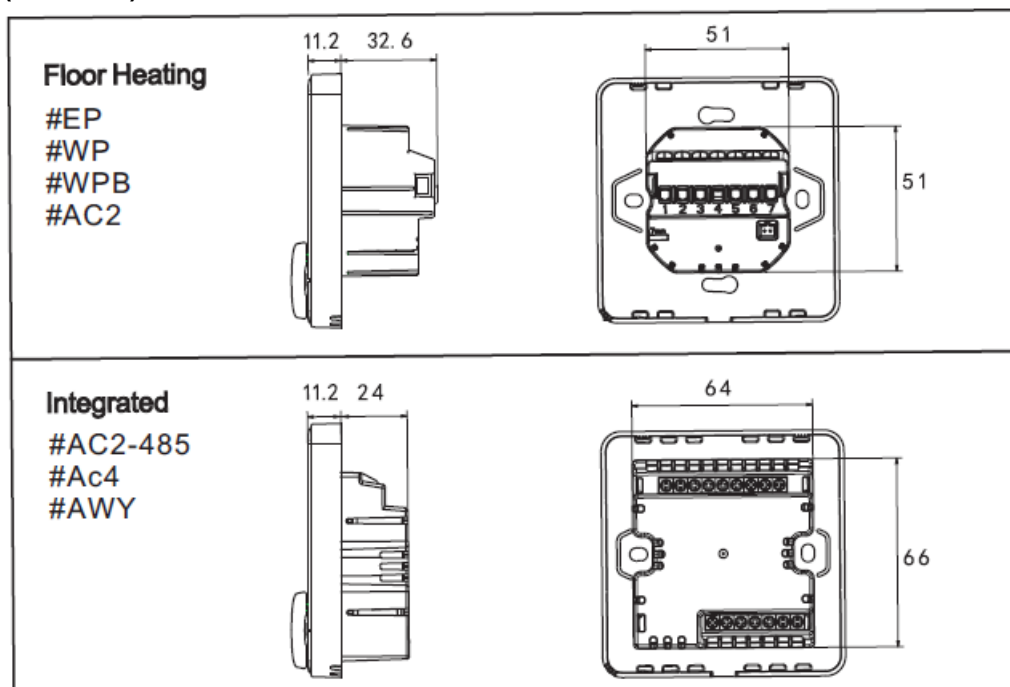- Protection level I P 20

- Shell material Anti-Flammable PC

Sensor failure
Please select work mode of sensors correctly. When It shows EO/E1 error, the thermostat will stay power-off till the error is eliminated.ED: the built-in sensor is short-circuited or disconnected. E1: floor sensor is short-circuited or disconnected.

Timer Task Setting (Fan Coil/Integrated) Press" wheel button"to enter the menu. Tum the knob" wheel button ", choose "Auto Mode", and then choose "Schedule". Set the parameters by turning the knob, then press" menu button • to save and exit to home page
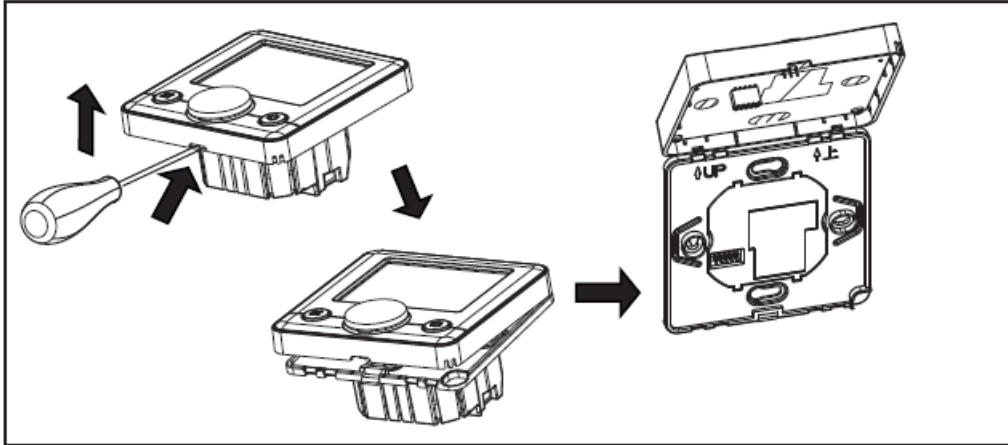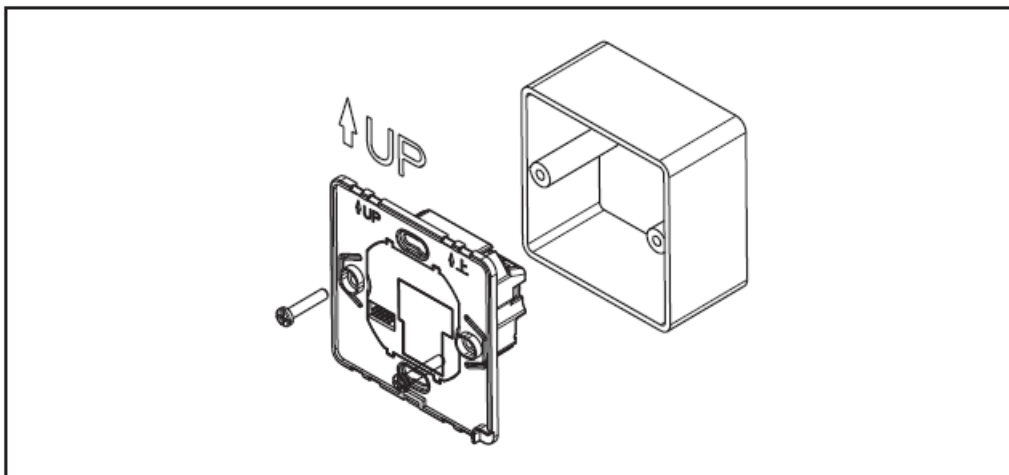

Dimensions (Unit: mm)

Mounting Steps

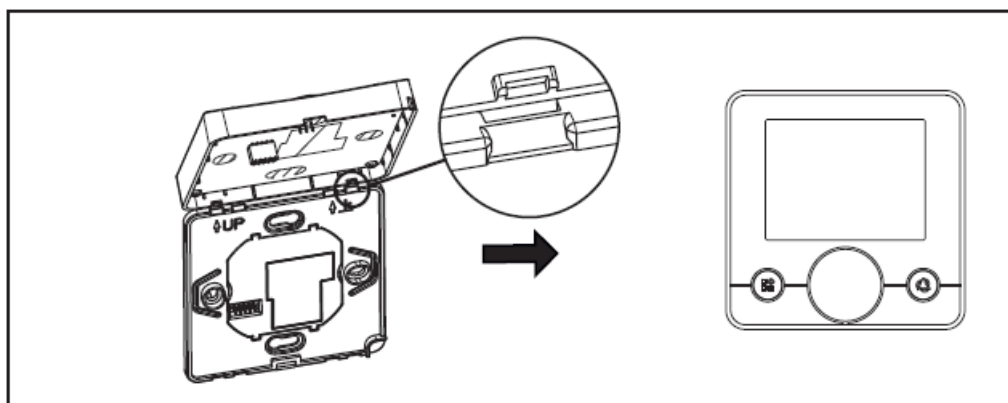The thermostat adopts a pre-guide and limited snap-fit design. It is easy to mount.

1. Release the front cover by inserting a head screwdriver into the bottom crack.

2. Insert the wires and then fix these wires with screws. The suggested wire-stripping length is 7-9mm.
3. Mount backing plate into wall-cassette, put screws and then fix the thermostat. Make sure that the thermostat is fixed without deformation. Suggested torque is 0.2-0.4N.m (2.0-4. 1kgf.cm).
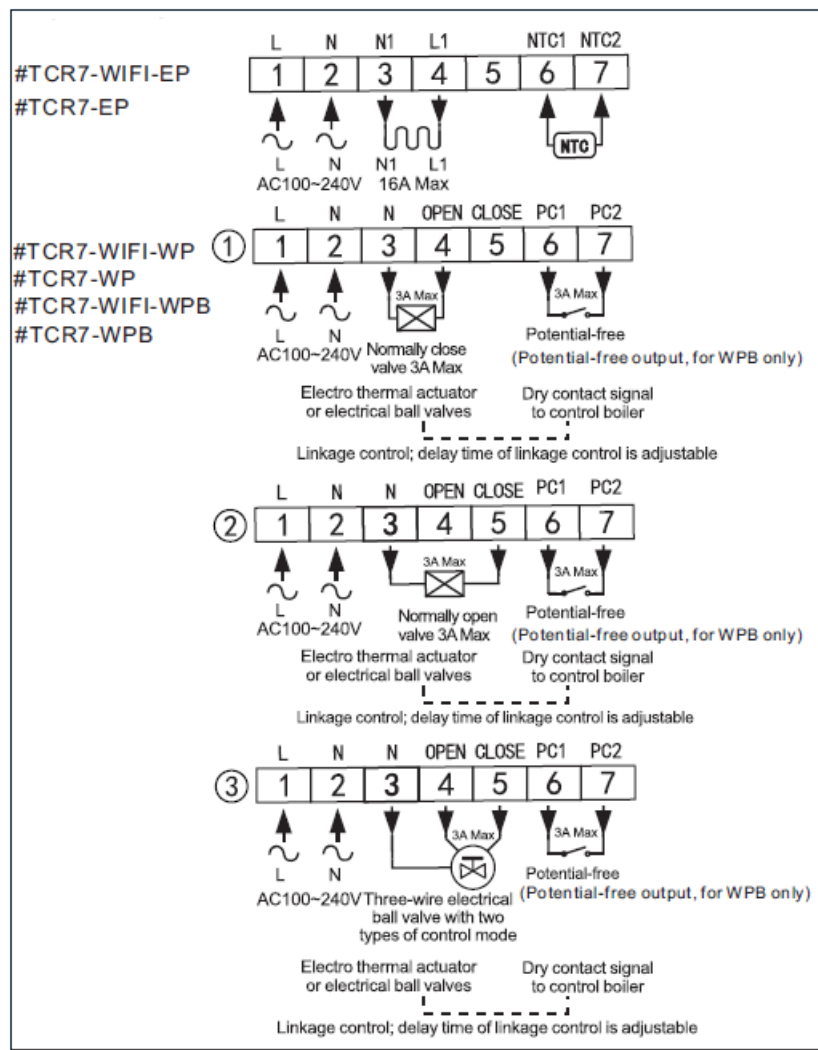

4. Re-mount the front cover via a snap-fit connection.
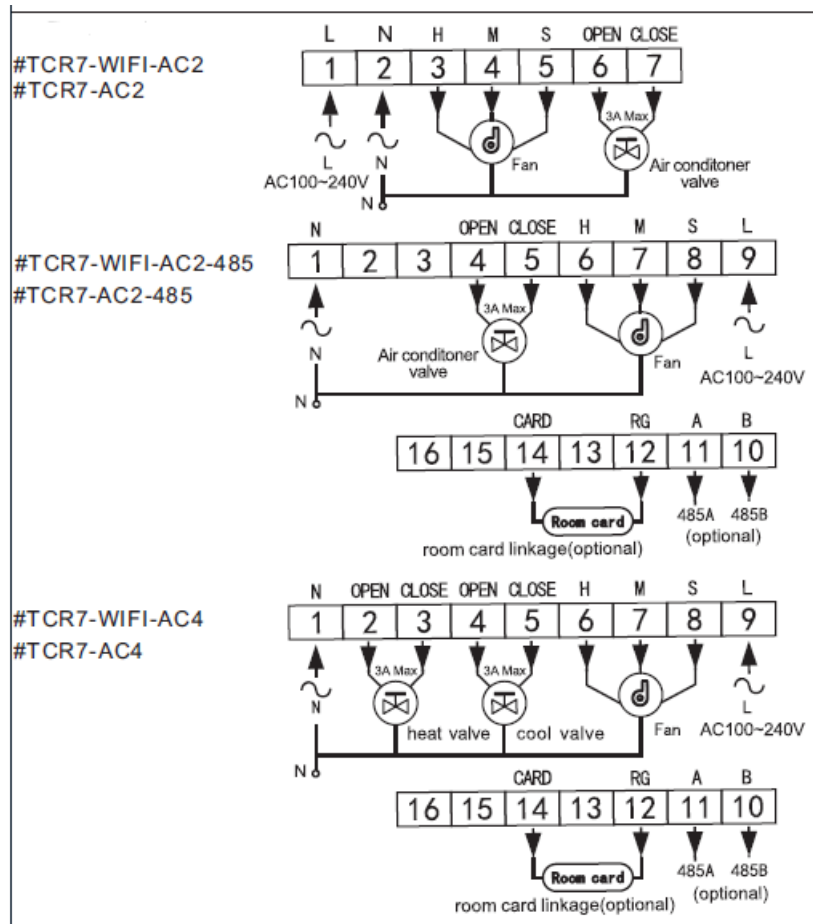

Connecting Diagram

The thermostat operates in full capacity in areas with an altitude of less than 2500 above sea level. The power rating of external load should be less than or equal to 80% rated power of the thermostat in areas with an altitude of 2500m to 4200m.
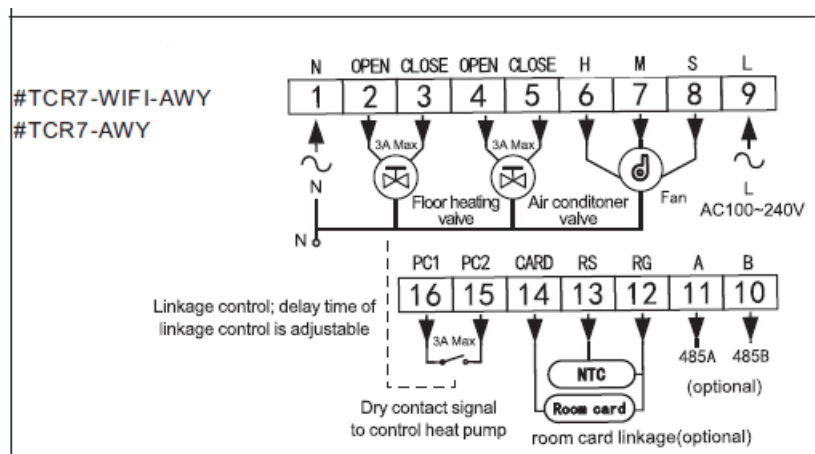
Floor Heating

#TCR7-WIFI-EP
#TCR7-EP

#TCR7-WIFI-WP
#TCR7-WP
#TCR7-WIFI-WPB
#TCR7-WPB

Fan Coil

Integrated

Documents / Resources

BEOK TCR7 RGB Colorful LCD Screen Smart Thermostat [pdf] Instruction Manual
TCR7, RGB Colorful LCD Screen Smart Thermostat, TCR7 RGB Colorful LCD Screen Smart Thermostat

BEOK TCR7 RGB Colorful LCD Screen Smart Thermostat [pdf] Instruction Manual
RGB Colorful LCD Screen Smart Thermostat, TCR7 RGB Colorful LCD Screen Smart Thermostat, TCR7

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