

# sinopé

## TH1500ZB Installation Guide

Smart Double Pole Thermostat

zigbee 3.0

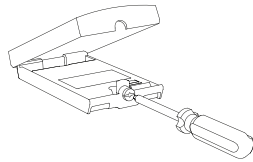
### Warnings

The installation of this thermostat must be performed by a certified electrician and comply with the national and local electrical codes and regulations.

Make sure to turn off the heating circuit at the main electrical panel to avoid any risk of electric shock.

### INSTALL YOUR THERMOSTAT

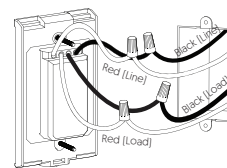
- 1 Unlock and lift the thermostat cover.



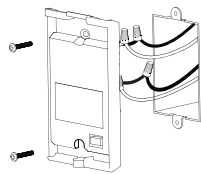
- 2 Use the provided connectors to connect the load/line wires located on the back of the thermostat.



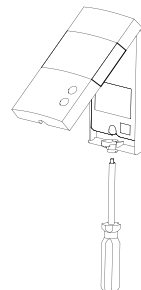
Make sure to firmly tighten the wire connectors for a secure connection. A loose connection can be a fire hazard.



- 3 Use the screws to secure the thermostat to the electrical box.



- 4 Replace the cover and lock.

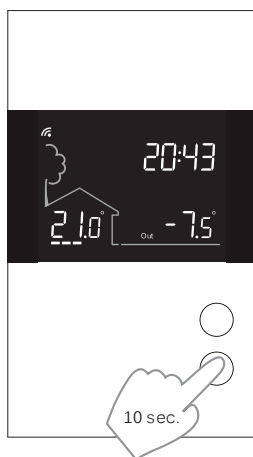


- 5 Power up the thermostat.



### USER SETTINGS

All the parameters of your thermostat can be programmed through the interface of your Zigbee-compatible gateway. However, if your thermostat is not connected to your gateway and you wish to change the temperature format or the control cycle, you need to:



Get the setpoint to its minimum and hold the ↓ button for 10 seconds to access the menu.

Press the ↓ or ↑ button to change the setting.

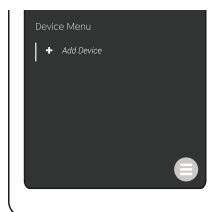
Press the ↓ and ↑ buttons simultaneously to save and go to the next parameter. Continue to press until the end of the list to exit the menu.

### ADD YOUR THERMOSTAT TO THE GT130 GATEWAY AND NEVIWEB

- 1 If you do not have an account yet, download the Neviweb app for iOS or Android to open an account and add your device.



- 2 Tap the ≡ then select "Add Device"



- 3 Follow the steps of the Installation Wizard


### CONNECT YOUR THERMOSTAT TO A ZIGBEE COMPATIBLE SYSTEM

- 1 Initiate the connectivity session of your Zigbee compatible hub by referring to the device's user guide.



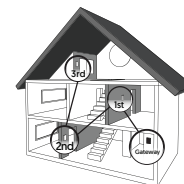
- 2 Connect your thermostat to the network by pressing simultaneously on the ↓ and ↑ buttons.

On the thermostat display:  
Flashes = Connecting  
Remains lit = Connected

If the connectivity fails, the  symbol will disappear from the display. Refer to our website to troubleshoot the unit.




- 3 Connect all your thermostats the same way, by going to the next closest thermostat.



- 4 When all the thermostats are connected, close the connectivity session of your Zigbee compatible hub.

### DISCONNECT YOUR THERMOSTAT FROM A ZIGBEE COMPATIBLE SYSTEM

To disconnect your thermostat from the Zigbee compatible hub, press the ↓ and ↑ buttons simultaneously during 10 seconds. The  symbol will disappear from the display.



### SETTINGS WHICH CAN BE MODIFIED ON THE DEVICE DIRECTLY

#	Name	Parameters & settings	Display
1	Load	<b>Load power</b> 0 W to 4155 W [2]	P
2	Temp	<b>Temperature format</b> °C or °F (Default: °C)	°C
3	Min	<b>Minimum setpoint</b> 5 °C to 36 °C (Default: 5 °C)	5.0°
4	Max	<b>Maximum setpoint</b> 5 °C to 36 °C (Default: 36 °C)	36.0°

1) Load power  
Reading of the load power connected to the thermostat, featured in watts.

### TECHNICAL SPECIFICATIONS

**Operating voltage:** 120 / 208 / 240 / 277 Vac, 50 / 60 Hz

**Maximum load:**

1800 W @ 120 V / 15 A

3120 W @ 208 V / 15 A

3600 W @ 240 V / 15 A

4155 W @ 277 V / 15 A

**Setpoint range:** 5 °C to 36 °C [41 °F to 96 °F]

**Display range:** 0 °C to 50 °C [32 °F to 99 °F]

**Resolution:** ± 0.5 °C (± 1 °F)

**Storage:** -20 °C to 50 °C [-4 °F to 122 °F]

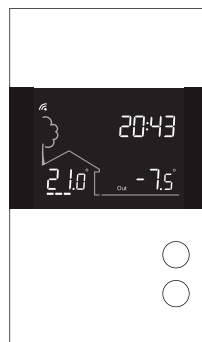
**Operation:** 0 °C to 50 °C [32 °F to 122 °F]

**Zigbee 3.0 profile**

**Frequency:** 2.4 GHz

**Transmission power:** +20 dBm

**Receiver sensitivity:** -108 dBm



Transmitter Module IC : 22394-ZBM1501 / FCC ID:2AK2T-ZBM1501  
This device complies with Industry Canada license exempt RSS standard(s). Operation is subject to the following two conditions:  
[1] this device does not cause interference, and [2] this device must accept any interference, including interference that may cause undesired operation of the device.  
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.

### 3-year limited warranty

SINOPÉ TECHNOLOGIES INC. warrants the components of their products against defects in material and workmanship for a 3 year period from the date of purchase, under normal use and service, when proof of purchase of such is provided to the manufacturer. This warranty does not cover any transportation costs that may be incurred by the consumer. Nor does it cover a product subjected to misuse or accidental damage. The obligation of SINOPÉ TECHNOLOGIES INC., under the terms of this warranty, will be to supply a new unit and this releases the manufacturer from paying the installation costs or other secondary charges linked to replacing the unit or the components.

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For more information, visit our website:

www.sinopetech.com

