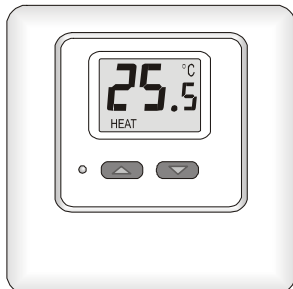


Wireless thermostat TP-98

This thermostat can replace a common indoor residential thermostat. It is designed to be used with electric, gas or oil heating system. The easy to read display shows the current room temperature and temperature adjustment is very simple. The main advantage is that there is no need of a cable between the thermostat and the heating system.

Installation



The TP-98TX should be mounted in a dry indoor location. Choose a mounting location about 1.5 meters above the floor in the area with good air circulation. Avoid places with drafts, dead air spots and radiant heat from the sun or appliances. It should not be installed close to any metal structure or other objects that may obstruct radio signal transmissions.

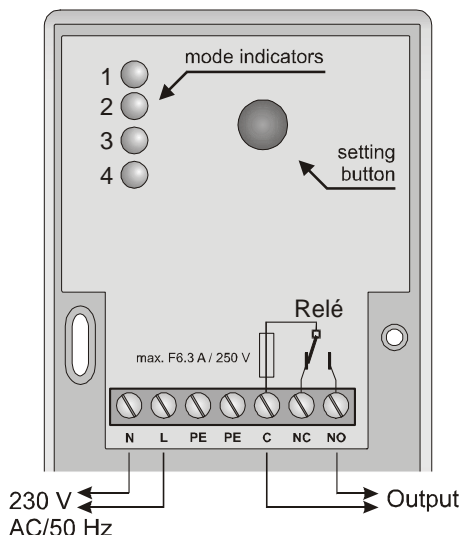
1. Remove the front housing of the thermostat. (using a screwdriver)
2. Insert the batteries. Current temperature will appear on the display if not check the batteries.
3. Attach the thermostat to the wall with the two screws.

Mounting the receiver unit

Place the receiver unit in a suitable place near the heater. Wiring of the unit to the heater should be done only by a professional electrician:

1. Release the upper cover by pressing the plastic log on the top side of housing.
2. Release the internal cover (1 screw).
3. Mount the unit to the desired location (2 screws).
4. Connect power 230VAC / 50Hz to terminals L and N.
5. Two PE terminals are available for a protective earth connection.
6. Terminals C (common), N.O. (normally open) and N.C. (normally closed) are outputs of the relay contact. This contact is protected by a 6.3A fuse. The contacts are galvanic separated.

Note: The thermostat, which has a unique code, is enrolled to the receiver unit from the factory. A built-in LED indicator indicates a status of the output relay.



TEMPERATURE SETTING

In the normal operation mode the thermostat shows the room temperature. To set a desired temperature:

1. Press ▲ or ▼ button to view the set temperature. The sign **SET** will appear on the display.
2. Hold ▲ or ▼ button for approximately 3 seconds till the temperature indicator will flash once.
3. Use ▲ or ▼ button to increase or decrease the temperature setting. If no button is pressed for 10 seconds the unit will be switched back to the normal operation mode.

The programmed temperature range is from 5°C to 35°C.

The temperature span between switching ON and OFF is 1°C. For example, if the temperature setting is 20°C, the heater will be switched on when the room temperature drops to 19.5°C and will be switched off when the temperature rises to 20.5°C. When the thermostat is on the symbol **HEAT** will be shown on the display.

When the temperature is above 40°C 'HI' will be shown on the LCD and 'LO' will be shown when temperature falls below 0°C.

When the voltage of the batteries is low the LCD will be turned off. In that case the batteries should be changed.

Enrolment of the thermostat into the receiver unit

The thermostat has already been enrolled to the receiving unit in the factory. If you change the thermostat for a new one it must be enrolled to the receiver unit in the following way:

1. Remove the batteries from the thermostat for 2 minutes.
2. Remove the upper housing from the receiver unit.
3. Keep pressing the button inside the receiver until the 4th LED starts flashing.
4. Place the batteries into the thermostat. The LEDs in the receiver will flash once to confirm the enrolment.

Note: Each receiver unit can cooperate only with one thermostat. If any other device (remote control etc.) has been enrolled to the receiver the receiver must be reset before enrolment of the thermostat. To reset the memory make the 4th LED flashing by pressing the button and then press and hold the button until all LEDs flash rapidly.

Specifications

Thermostat TP-98TX

Power Source:	two AAA 1.5V Alkaline batteries
Temperature Measurement:	0 - 40°C
Temperature Accuracy:	±1.0°C
Temperature Control:	5 - 35°C
Temperature Control Span:	0.5°C
Output On Delay:	20 seconds
Working frequency	433,92 MHz
Working distance	up to 100 m (open area)
Coding:	digital, each thermostat has a unique floating code
Operating Temperature:	-10°C to 50°C (non-condensing)
Storage Temperature:	-30°C to 60°C
Size:	73.5 X 28.0 X 73.5 mm
Housing:	Polycarbonate (PC)
Weight:	90 g (battery not included)

Receiver unit UC-222

Voltage:	230 V AC
Power consumption:	max. 1 W
Operating frequency:	433.92 MHz
Coding:	digital, each thermostat has a unique floating code over switching dry contact
Output relay:	Fused 6 A at 250 V

Can be operated according to ERC REC 70-03



Hereby, Jablotron Ltd., declares that this TP-98 is in compliance with the essential requirements and other relevant provisions of Directive 1999/5/EC.

Note: Dispose of batteries safely depending on the type of the batteries and local regulation. Although this product does not contain any harmful materials we suggest you to return the product to the dealer or directly to the producer after usage.



Pod Skalkou 33
466 01 Jablonec nad Nisou
Czech Republic
Tel.: +420 483 559 999
fax: +420 483 559 993
Internet: www.jablotron.cz