

Mestek
Mestek CPT02
Smart Wireless
Pool
Thermometer



Mestek CPT02 Smart Wireless Pool Thermometer User Manual

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Mestek

Mestek CPT02 Smart Wireless Pool Thermometer



Product Information

- Manufacturer: Sunny soft s.r.o.
- Website: <http://www.sunnysoft.cz>

Specifications

- Backlight duration: 10 seconds

Product Usage Instructions

Features

1. Time in optional 12/24 hour format
2. Comfort level display
3. Low battery indicate
4. Temperature units in optional °C/°F
5. Maximum / Minimum temperature and humidity record and query
6. Can take up to three outdoor transmitters
7. LED backlight
8. Indoor humidity range: 20%RH ~ 99%RH
9. Temperature measurement ranges:
 - Indoor: -4°F (-20°C) ~ 140°F (60°C)
 - Outdoor: 14°F (-10°C) ~ 140°F (60°C)
10. Wireless parameter:
 - 3 channels selective
 - 433.92MHz RF transmitting frequency

- 500 feet(152 meters) transmission range in an open area

11. Power Supply:

- RX: 2 x LR03 size AAA
- TX: 4 x LR03 size AAA

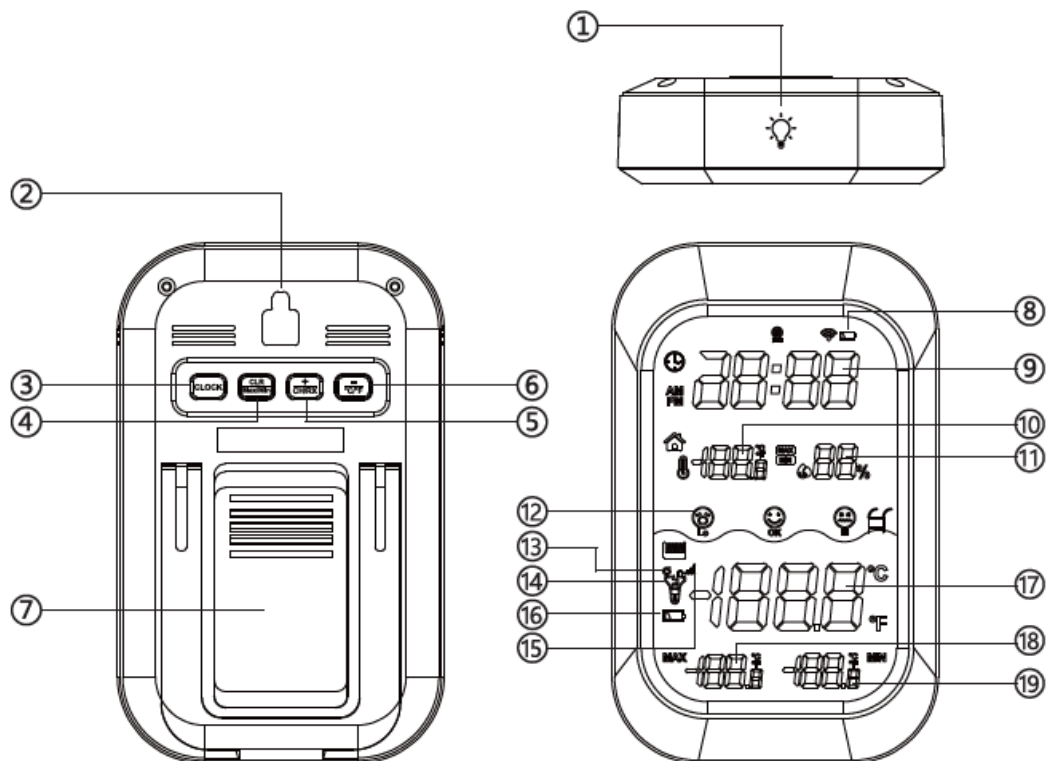
12. Products size:

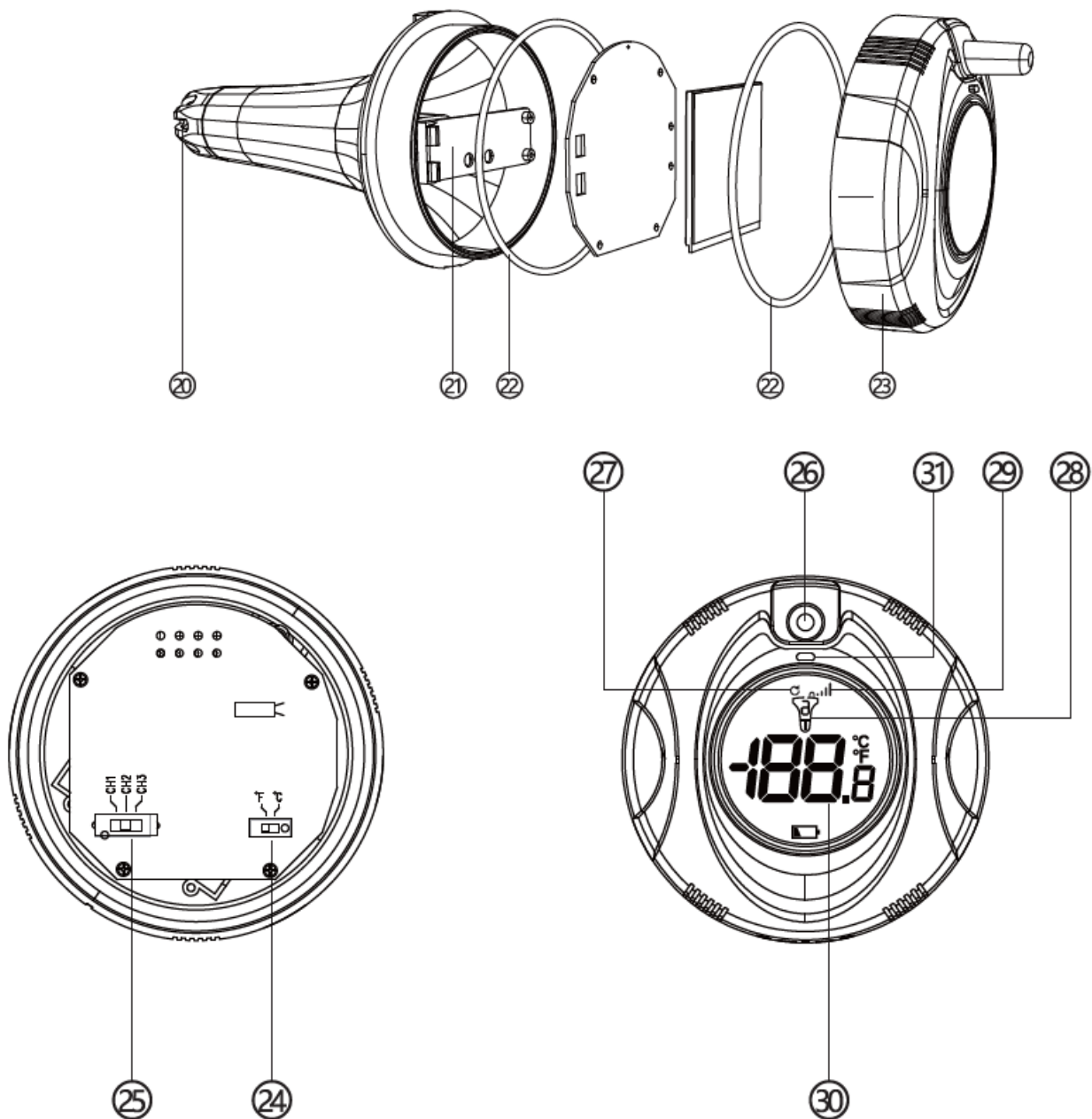
- RX: 5.2*3.3*1.1inch (13.2*8.3*2.7cm)
- TX: 3.5*7inch (8.8*17.5cm)

Cautions

- The cover of the transmitter must be tightened before putting it into the water, otherwise water leakage may occur.
- When the temperature difference between water and air is large, water mist may appear on the screen of the pool thermometer transmitter, and does not affect the use.
- If you find more water mist on the screen, please open the lid to dry before use.
- If there is a leak in the screen of the thermometer, please send a picture to customer service to solve the problem.

Appearance description





RX

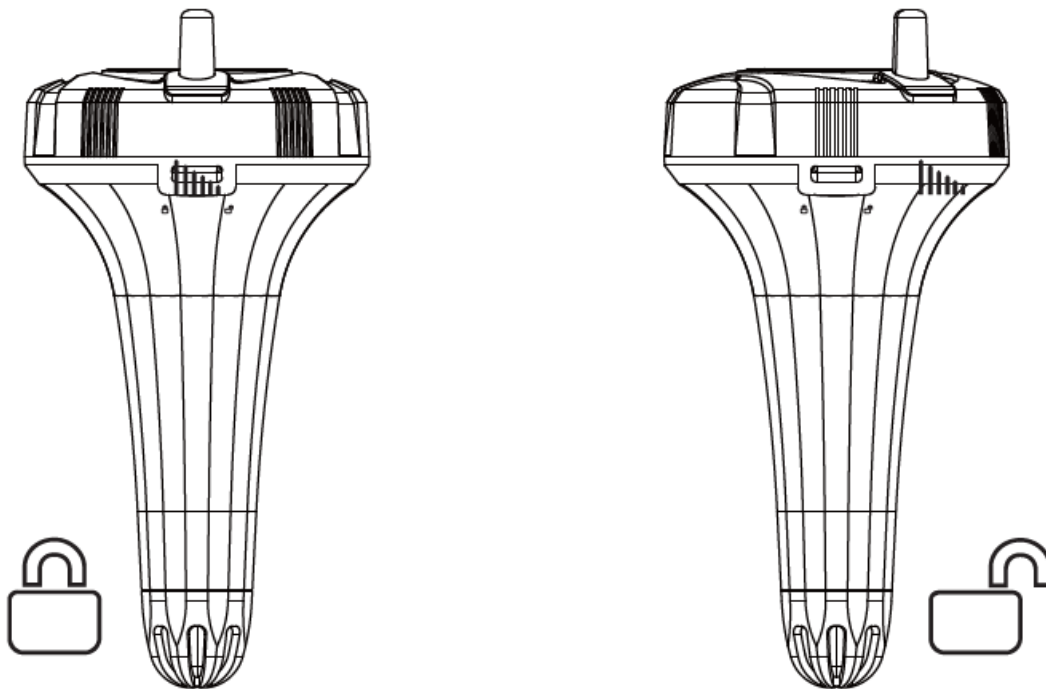
1. Backlight
2. Wall mounting hole
3. Clock
4. Clear/MAX/MIN
5. CH/RX/+
6. °C/°F/-
7. Battery compartment cover
8. RX Low battery indicator
9. Time
10. INDOOR temperature
11. INDOOR humidity
12. Comfort level display
13. Cyclic mode display

14. Channels
15. Receive signal
16. TX low battery indicator
17. TX temperature
18. TX temperature MAX, value
19. TX temperature MIN. value
TX
20. Temperature sensor
21. Battery box
22. Water proof rubber ring
23. Locking cover
24. °C/°F selection switch
25. Channel selection switch
26. Signal antenna
27. Cyclic mode display
28. Channels
29. Receive signal
30. Temperature
31. LED indicator

Initial operations

Open the Main Station battery compartment cover. Insert 2 x AAA batteries observing polarity [“+” and “-” marks] . When you insert the batteries, all icons on the LCD will light up for 3 seconds, then detect indoor temperature & humidity. The Main Station will now start to make a connection to the remote sensor, this operation takes about 3 minutes and will display by a flashing reception RF antenna symbol . This now, open the remote sensor battery box, insert 4 x AAA batteries observing polarity [“+” and “-” marks], choose the temperature unit and channel you need. The temperature unit °C/°F can be selected by turning the switch “24”, the channel can be selected by turning the switch “25”.

Note: Be sure to screw the cover in place, otherwise it may leak.



The cover with the signal pattern intersects the bottom case at the lanyard and the assembly passes. This pairing mode only takes 3 minutes, if the pairing fails after more than 3 minutes, you need to press and hold the “CH” button for 2 seconds to re-enter 3 minutes pairing mode. After successful pairing, the remote sensor can be put into the swimming pool to detect its water temperature.

Manual time setting

In normal mode, press CLOCK button, into the setting mode, the set item will blink display. Press “+” or “-” buttons to adjustment the value, press CLOCK button to confirm the item has been set and go to the next one, the sequence of setting items is as follows:


TIME format(12/24HR)> HOUR > MINUTE


Press CLOCK button to confirm the last item to end the setting procedures, then it will return to the normal mode.


NOTE:

If there is no valid operation within 20 seconds, it will automatically return to normal time mode from the set mode.

RF transmission


procedure The RX automatically start receiving transmission from remote sensor for pool temperature after batteries inserted. The remote sensor will automatically transmit temperature signal to the RX Station after batteries inserted. If the RX failed to receive transmission from remote sensor (“-.-”display on the LCD), press and hold “CH” button for 2 seconds to receive transmission manually, RF  icon flashes on the LCD. Press “CH”


button to query CH2, CH3 data or cyclic display, When the symbol  appears, it means that the data of three channels will be displayed circularly. When cycle symbol appears, click “CH” button, the cycle symbol will no longer

 appear, the cycle mode will be closed.

Query maximum/ minimum numerical value

When the indoor / outdoor temperature and humidity are shown in the LCD, The production began to record

temperature and humidity maximum and minimum numerical value. Press once  Install button, the LCD will display maximum value of temperature and humidity, The LCD will display the minimum value of temperature

and humidity if you press once line  button again when the maximum value is displayed. At the same time, there are “MAX” or “MIN” displayed on the LCD. The MAX and MIN temperature values at the bottom of the

screen indicate the maximum and minimum outdoor temperatures: The temperature and humidity

maximum/minimum value will re-record after press and hold



button 2 seconds, at the same time, there

will be “—” displayed in the LCD 2 seconds. Press the button



to switch the temperature units between °C and °F of the RX receiver.

Comfort level display



The temperature of the remote sensor is below 71.6°F(22°C);





The temperature of the remote sensor is between 71.6°F(22°C) and 91.4°F(33°C);





The temperature of the remote sensor is above 91.4°F(33°C).

Low battery indicate

When the symbol of low battery  appears in the INDOOR, it means that the RX needs to be replaced with new batteries .

When the symbol of low battery  appears in the OUTDOOR, it means that the remote sensor needs to be replaced with new batteries.

Backlight

Touch the button  the backlight illuminates for 10 seconds. The backlight can be switched off by touching the button  again within 10 seconds of the backlight turning on.

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FAQs (Frequently Asked Questions)


• **Q: How long does the backlight stay on?**

A: The backlight stays on for 10 seconds.

• **Q: How can I turn off the backlight?**

A: You can turn off the backlight by touching the backlight button again.

Documents / Resources

	<p>Mestek CPT02 Smart Wireless Pool Thermometer [pdf] User Manual CPT02 Smart Wireless Pool Thermometer, CPT02, Smart Wireless Pool Thermometer, Wireless Pool Thermometer, Pool Thermometer, Thermometer</p>
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References

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