

RADDY

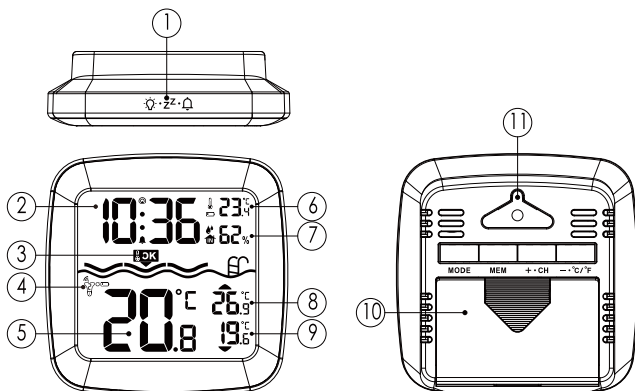
PT-2

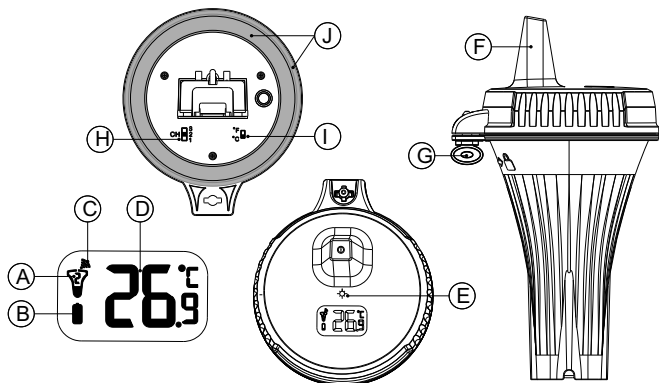


Features:

- ▶ Time in optional 12/24 hour format
- ▶ Daily Alarm with snooze function
- ▶ Swimming pool temperature detection
- ▶ Comfort level display
- ▶ Low battery indicate
- ▶ Backlight
- ▶ Temperature display in optional °C / °F
- ▶ Maximum / Minimum temperature and humidity record and query
- ▶ Can take up to three outdoor transmitters
- ▶ Indoor humidity range: 20%RH ~ 95%RH
- ▶ Temperature measurement ranges:
 - Indoor: -9.9°C (14.2°F) ~ 50°C (122°F)
 - Outdoor: -40°C (-40°F) ~ 70°C (158°F)
- ▶ Wireless parameter:
 - 3 Channels selectable
 - 433.92MHz RF transmitting frequency
 - 60 meter transmission range in an open area
- ▶ Power Supply:
 - RX: 2 x LR03 size AAA
 - TX: 2 x LR6 size AA

Appearance description:






RX

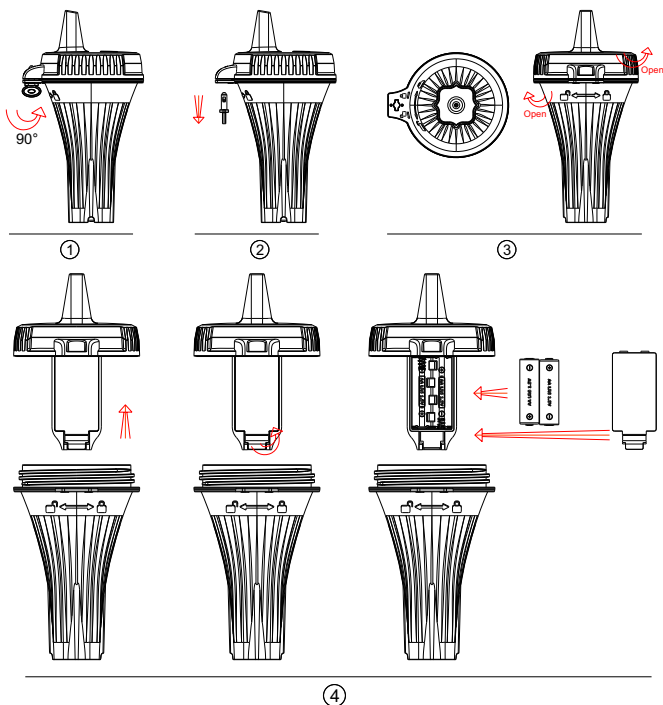
- 1: Touch key (light/snooze/alarm ON or OFF)
- 2: Time
- 3: Comfort level display
- 4: Remote sensor channel
- 5: TX temperature
- 6: INDOOR temperature
- 7: INDOOR humidity
- 8: TX temperature MAX. value
- 9: TX temperature MIN. value
- 10: Battery compartment cover
- 11: Wall mounting hole

TX

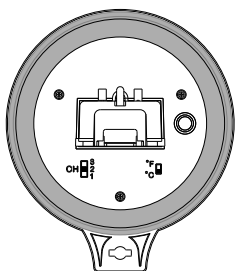
- A: Channel switch
- B: Low battery indicator
- C: Temperature signal emission indicator
- D: Temperature value
- E: LED indicator for signal transmitting
- F: Transmitting antenna
- G: Unlocking key
- H: Channel selection switch
- I: °C/°F selection switch
- J: Waterproof rubber ring

Initial operation

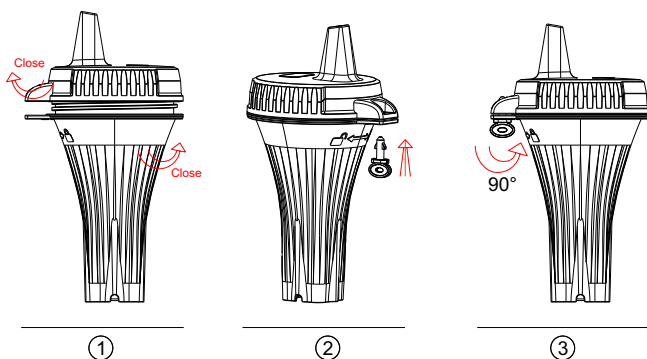
- ▶ Open the Main Station battery compartment cover
- ▶ Insert 2 x AAA batteries【note of observing polarity “+” and “-” marks】
- ▶ When you insert the batteries, all icons on the LCD will light up for 3 seconds, and you will hear a beep tone, then detect indoor temperature & humidity.
- ▶ The Main Station 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, twist the **unlocking key** of the remote sensor 90 degrees and remove it, twist the main body of the sensor by removing the upper lid and lower lid with wrench(included) , choose the temperature unit and channel you need, open the battery cover, insert 2 x AA batteries 【note of observing polarity “+” and “-” marks】 , as shown in below image.
- ▶ The temperature unit °C/°F can be selected by turning the switch “I” , the channel can be selected by turning the switch “H”



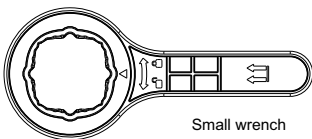
► Before closing battery door, make sure both gaskets are properly seated in their traces as shown in below image. Failure to properly seal the floating thermometer will result in water leakage and damage.



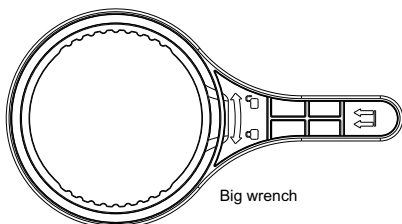
► To close the lid, twist the upper lid and lower lid with wrench until it is firmly locked and the key hole is aligned. Insert the key and turn 90 degrees to lock the lid, as shown in below image.



- After close the lid, a tether can be added into the key hole.
- 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.
- When using the wrenches, the side with the arrow symbol should face upwards.

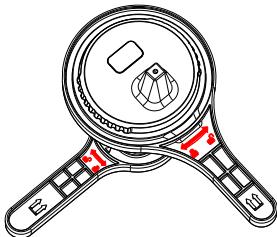
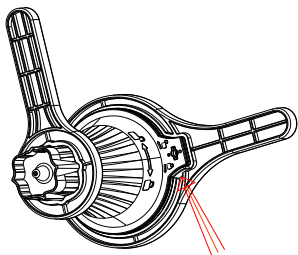
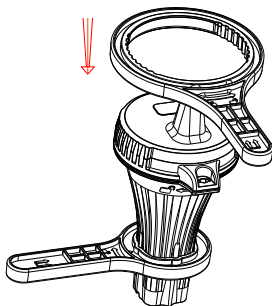
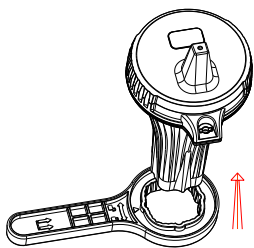


Small wrench



Big wrench

- ▶ The small wrench and the lower cover must be fixed in a tight direction.
- ▶ The big wrench and the upper cover must match tightly, especially the arrow positioning.



- ▶ Make sure that the two wrenches are properly matched to 90 degrees, so that it can be opened easily.
- ▶ Grasp the small wrench with your left hand and the large wrench with your right hand, and twist the wrench with force in the direction indicated by the arrow on the wrench.

Manual time setting

▶ In normal mode, press and hold **MODE** button for 2 seconds, into the setting mode, the set item will blink display. Press “+” or “-” buttons to adjustment the value, Press **MODE** 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 **MODE** button to confirm the last item to end the setting procedures, then it will return to the normal mode.

F.Y.I.:

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

Setting the daily alarms

▶ In normal mode, touch and hold the key “ · ZZ · ” 2 seconds, can set the alarm ON or OFF, LCD display the “” icon, the alarm function is ON, Then touch and hold the key “ · ZZ · ” 2 seconds, the “” icon will disappear from the display, the alarm function is OFF.

▶ In normal mode, press once “**MODE**” button, LCD display alarm time, Within 5 seconds of the alarm time display, press and hold “**MODE**” button for 2 seconds until hour of the Alarm time starts to flash. press the “+” and “-” buttons to set the required hour.

▶ Press “**MODE**” button to confirm your setting, The Minute of the Alarm time starts to flash. Use the “+” and “-” buttons to set the required minute.

▶ Press “**MODE**” button to confirm your setting and to end the setting procedure.

F.Y.I.:




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

▶ The alarm will sound for 2 minutes if you do not deactivate it by pressing any button. In this case the alarm will be repeated automatically after 24 hours.




▶ Rising alarm sound (crescendo, duration: 2 minutes) changes the

volume 4 times whilst the alarm signal is heard.



Switching off the alarm signal

▶ When the alarm is ringing, press any button except the “ ·  · ” to stop the alarm signal. It is not necessary to reactivate the alarm. It will ring again this time next day.

Snooze function


▶ When the alarm is ringing, touch the “ ·  · ” button the alarm mode will get to SNOOZE mode. The alarm signal sounds again after 8 minutes.

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.

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 **MEM** 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 **MEM** button again when the maximum value is displayed.
- ▶ at the same time, there are “MAX” or “MIN” displayed on the LCD.
- ▶ The arrow in the lower right corner of the screen indicates the maximum and minimum outdoor temperature:

The symbol  indicates the maximum temperature

The symbol  indicates the minimum temperature

- ▶ The temperature and humidity maximum/minimum value will RE records after press and hold **MEM** button 2 seconds, at the same time,

there will be "-.-" displayed in the LCD 2 second.

▶ The memory value of the day will be automatically cleared at 0:00 every night.

F.Y.I.:

▶ If the temperature reading is below ranges, the **LL.L** will be displayed. If the temperature reading is above ranges, the **HH.H** will be displayed.

Comfort level



The temperature of the remote sensor is below 20°C (68 °F) ;





The temperature of the remote sensor is Between 20 °C (68 °F) and 30°C (86°F);






The temperature of the remote sensor is above 30°C (86 °F).

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 key " ·  · 

" once, the backlight illuminates for 10 seconds.