

# HEYAXA

## Wi-Fi Pool Thermometer



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## Technical Data and Features

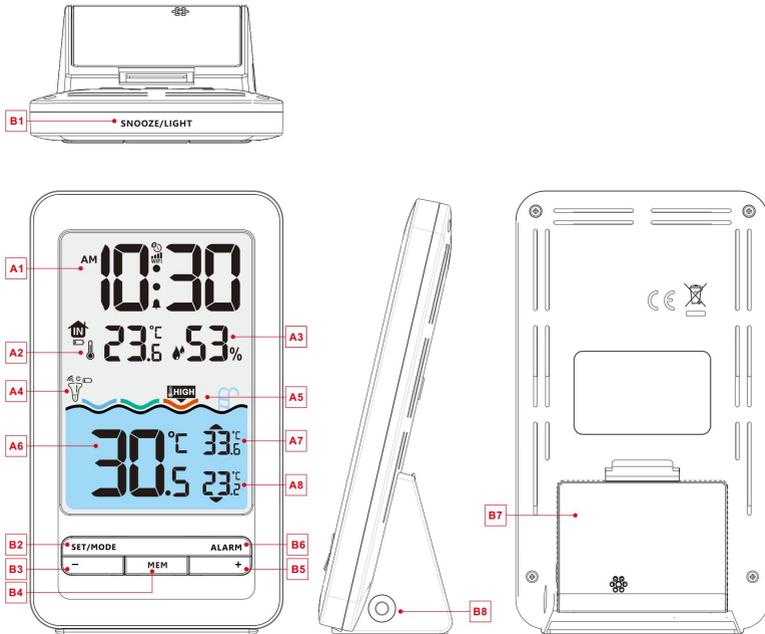
### MAIN:

- ▶ Time in optional 12/24 hour format.
- ▶ Automatic calibration of network time service
- ▶ Daily Alarm with snooze function
- ▶ Indoor humidity measurable range: 20%RH to 95%RH
- ▶ temperature measurement ranges::
  - Indoor:-9.9°C to 50°C or(14.2°F to 122°F)
  - Outdoor:-40°C to 70°C or(-40°F to 158°F)
  - Temperature alternatively in °C or °F.
- ▶ Maximum / Minimum indoor temperature and humidity record and query
- ▶ Wireless remote monitoring of swimming pool temperature, up to 3 channels of data can be connected
- ▶ Comfort level display of pool temperature
- ▶ Display the maximum, minimum and real-time temperature of swimming pool temperature on the same screen
- ▶ Connects directly to WIFI network, connect to Heyaxa Smart System
- ▶ Power Supply:
  - Battery: 2 x LR06, 1.5 V (size AA)
  - Equipment power input: DC 5V more than 1A (Power cord or power adapter)

### Wireless Outdoor Sensor:

- 3 Channels selectable
- Data transmission frequency: 433 MHz
- Wireless range: max. 60 m (open area)
- Batteries: 2 x LR03, 1.5 V (size AAA)

**MAIN Appearance:**



**Part A-Positive LCD**

A1: Time

A3: Indoor humidity

A5: Comfort level display of pool temperature

A7: Maximum temperature of Outdoor temperature

: Network Time icon

: WIFI signal strength indicator

: Wireless receiving icon

MAX: Display the maximum indoor temperature and humidity record icon

: INDOOR icon

A2: Indoor temperature

A4: Remote wireless channel

A6: Outdoor pool temperature

A8: Minimum temperature of Outdoor temperature

: WIFI icon

: Battery low voltage icon

: Wireless channel loop icon

MIN: Display the minimum indoor temperature and humidity record icon

: Remote wireless sensor icon

**Part B – Back button and power**

B1: "SET/MODE" button

B2: "ALARM" button

B3: "+" button

B4: "MEM" button

B5: "SNZ/LIGHT" button

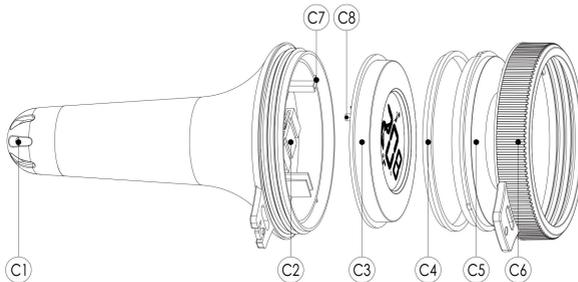
B6: "-" button

B7: Hanging hole

B8: Battery compartment

B9: Support frame

B10: DC-POWER input jack



**Part C –Wireless Outdoor Sensor:**

C1: Temperature sensor

C2: Battery box

C3: Main control module

C4: Waterproof rubber ring

C5: Lens

C6: Locking cover

C7: Positioning pin C1

C8: Positioning pin C2

C9: Transmitting antenna

C10: °C/°F selection switch

C11: Channel selection switch

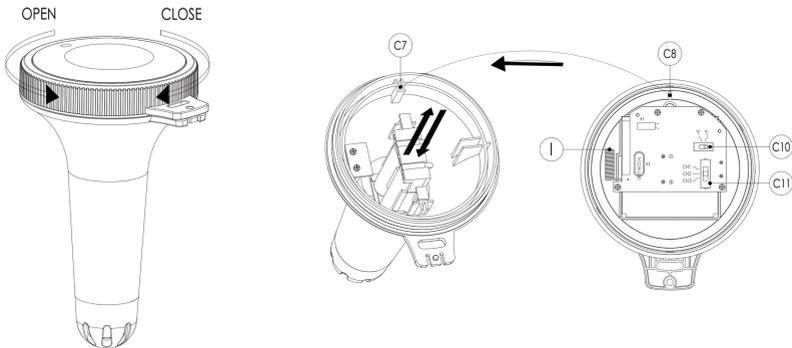
C12: LED indicator for signal transmitting

C13: Channel

C14: Temperature value

### Initial operation:

- ▶ Referring to the illustration, hold parts C1 and C6 with both hands, rotate counterclockwise to separate C1 and C6, and pull out part C2 of part C1, insert 2 AAA 1.5V batteries according to the polarity of the battery slot of C2, and then reconnect C2 Insert back into the C1 part.
- ▶ According to the actual use requirements, use the C10 switch in the C3 component to set the required temperature unit, and use the C11 switch to set the channel of the sensor, and then according to the diagram, insert the C8 positioning column of C3 into the positioning groove of C1 and C7, respectively. Align C4, C5 and C6 into C3, then grab the parts of C1 and C6, turn clockwise, and tighten the sensor.
- ▶ After completing the above steps, all the icons on the LCD will light up briefly for 3 seconds, and the wireless outdoor sensor starts to switch to the normal working mode to detect the temperature in the environment. At this time, the sensor will transmit a wireless signal, and it will automatically transmit a wireless signal every 1 minute or so, and the indicator light C12 of the transmitter sensor will flash once every time a wireless signal is transmitted.



- ▶ Preparation before starting the host:

### Download Heyaxa Smart App:



According to the brand of the phone, search for Heyaxa through the IOS APP Store or Android's Google play, find the APP with the icon below, and download the APP.



- ▶ After the APP download is complete, open the APP to register an account and complete the login
- ▶ According to the illustration, insert the power adapter into the power input interface of B8, the display screen of the main unit will show all the graphics, and a BEEP sound prompt will be issued. After 3 seconds, it will switch to the WIFI pairing mode and display "AP 01" .
- ▶ At this time, the APP will automatically prompt whether to join the device, click Go to ADD.
- ▶ Then follow the APP prompts, step 2: set the WIFI name and password, steps 3 and 4: pairing process, click NEXT, step 5: click Done, switch to the main interface of step 6, indicating that the pairing is complete.

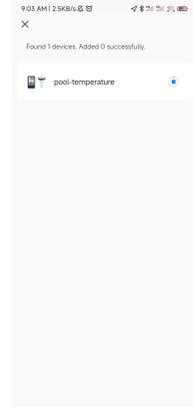
Step1

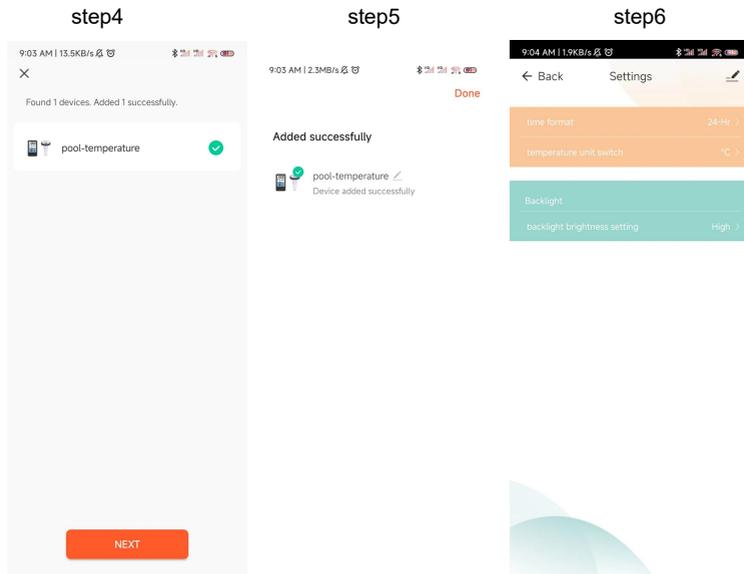


step2



step3





*Note: The paired WIFI hotspot must be 2.4GHz, this product only supports 2.4GHz wireless network*

- ▶ If the product does not automatically enter the AP mode when it is powered on for the first time, it can be entered by pressing the "+" button for more than 3 seconds, and the display after entering is the same as the display automatically entering the AP mode
- ▶ When the pairing is completed, the main unit will automatically convert to the conventional display interface, and at the same time, it will automatically provide the time, and the time will be changed to the current time. The icon "🕒" is displayed, which means the network time, and at the same time, it starts to search for the signal of the remote wireless sensor. The icon "📶" flashes, and the time is about 3 minutes. At this time, if the outdoor wireless sensor is running normally, the main unit will start to search for the signal of the remote wireless sensor in about 1-2 minutes. When a signal is received inside, the outdoor temperature will be shown on the main unit's display.

## Outdoor sensor transmission:

- ▶ The main unit can connect up to 3 channel wireless sensor registration, the use of multiple wireless sensor, the wireless sensor channel cannot choose the same channel at the same time (a total of 1, 2, 3 channel can choose)
- ▶ Press the "-" button can switch the display of different channels of outdoor temperature, when displaying the icon "🔄", will display the channel every 5 seconds automatically switch a channel
- ▶ If the main unit cannot receive the transmission from the outdoor sensor ("--" is displayed on the LCD), press and hold the "-" button for 3 seconds to receive the transmission manually. The outdoor temperature will show the RF antenna icon flashing, and the base station will re-receive the wireless signal from the outdoor sensor.

*Note: when the wireless sensor set up different channels, the base station "OUTDOOR" also want to switch to the same channel. When there is no wireless sensor signal transmission on the channel, "--" will be displayed in the channel of the base station*

## Manual time setting:

- ▶ Press and hold down the **"SET/MODE"** button for 2 seconds, the 12/24 hour mode display starts to flash. Now use **"+"** and **"-"** buttons to set the correct 12/24 hour mode.
- ▶ Press **"SET/MODE"** to confirm your setting, the Hour display starts to flash. Now use **"+"** and **"-"** buttons to set the correct hour.
- ▶ Press **"SET/MODE"** to confirm your setting, the Minute displays starts to flash. Now use **"+"** and **"-"** buttons to set the correct minute.
- ▶ Press **"SET/MODE"** to confirm your setting and to end the setting procedures, enter the clock mode.

### ***F.Y.I.:***

- ▶ After 20 seconds without pressing any button, the clock switches automatically from Set Mode to Normal Time Mode.
- ▶ When the WIFI connection is successful, the time will be automatically updated to the

network time, the symbol  will display, at the time of setting, and there is no need to set the time.

## Setting the daily alarms:

- ▶ Press once “**ALARM**” button, the display conversion to alarm activation mode. In this mode, press the “**ALARM**” button again to activate the alarm function, at the same time, the sound of "BI" sounded, while the alarm icon  is displayed which means alarm has been activated. And then press “**ALARM**” button again, you can turn off the alarm function, the alarm icon  does not shows.
- ▶ Press and hold down “**ALARM**” button for 2 seconds until Alarm Time hour display starts to flash. Use the “+” and “-” buttons to set the required hour.
- ▶ Press “**ALARM**” button to confirm your setting, the Minute display starts to flash. Use the “+” and “-” buttons to set the required minute.
- ▶ Press “**ALARM**” button to confirm your setting, the snooze time of the Alarm starts to flash. Use the “+” and “-” buttons to set the minute of snooze you need.
- ▶ Press “**ALARM**” button to confirm your setting and to end the setting procedure

### ***F.Y.I.:***

- ▶ After 20 seconds without pressing any button the clock switches automatically from setting mode to Normal clock 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.
- ▶ The snooze time setting range: 5 ~ 60MIN, OFF, when set to OFF, means no snooze function. Snooze time unit is minutes.

## Switching off the alarm signal

- ▶ While the alarm is sounding, press any button except the “**SNOOZE/LIGHT**” button or press hold the “**SNOOZE/LIGHT**” button for 3 seconds to stop the alarm signal.

## Snooze Function:

- ▶ While the alarm is sounding, press the “**SNOOZE/LIGHT**” button once to activate the

snooze function. The alarm signal sounds again after already been set.

- ▶ In snooze mode, press any button except the “**SNOOZE/LIGHT**” button or press hold the “**SNOOZE/LIGHT**” button for 3 seconds to exit the snooze mode.

**F.Y.I.:**

When the snooze function is set to OFF, while the alarm is sounding, press “**SNOOZE/LIGHT**” does not have this snooze function.

## Maximum/Minimum Indoor Temperature/ Humidity

- ▶ To toggle indoor/outdoor maximum, minimum temperature and humidity data, press the “**MEM**” button:

Once to show the maximum indoor temperature and humidity values.

Twice to show the minimum indoor temperature and humidity values.

Three times to return to the current indoor temperature and humidity levels.

- ▶ To reset the maximum and minimum indoor temperature and humidity a, press and hold down the “**MEM**” button about 2 seconds. This will reset all minimum and maximum data recorded to the current displayed values, contains outdoor temperature records.

**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.*

## LOW BATTERY:

- ▶ If the battery icon “” appears in the “” column, please change the battery of the base station in time.
- ▶ If the battery icon “” appears in the “” column, please confirm the channel of the battery prompt and change the remote sensor battery of the channel timely

## Background lighting

- ▶ If the product is powered by batteries, Press the “**SNZ/LIGHT**” button. Backlight lit 15 seconds.
- ▶ When the power supply of the product is inserted into the power supply adapter, the battery will automatically disconnect the power supply, and the backlight will always

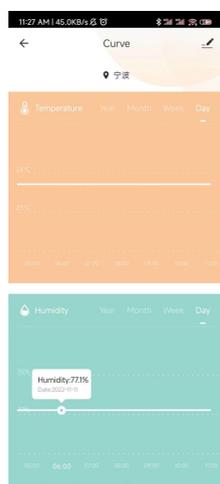
be bright. Press the “SET/MODE” button to adjust the brightness of the backlight, you can adjust the 4 state: 3 different brightness backlight and close the backlight. Users can choose according to the personal preferences of different brightness backlight or turn off the backlight. When the backlight is in the dark brightness or closed state, you can Press the “SNOOZE/LIGHT” button to lighten the maximum brightness of backlight for 15 seconds.

## APP interface description

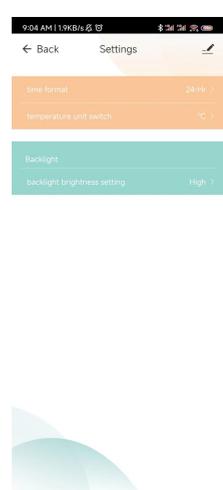
- ▶ After the pairing is completed, the APP will automatically jump to the main interface, the product will automatically update the network time, and report the indoor temperature and humidity, and the temperature of the three outdoor channels. The APP interface will refresh the data.
- ▶ The APP can view the historical record of the reported data. Click the record icon at the bottom left to enter the historical record interface. Click the setting icon at the bottom right to make various settings. The product will change in real time according to the settings.



Main interface



History interface



Setting interface

Contact service:

[Support@heyaxa.com](mailto:Support@heyaxa.com)