

# HEYAXA

## Wi-Fi WEATHER STATION



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## Technical Data and Features

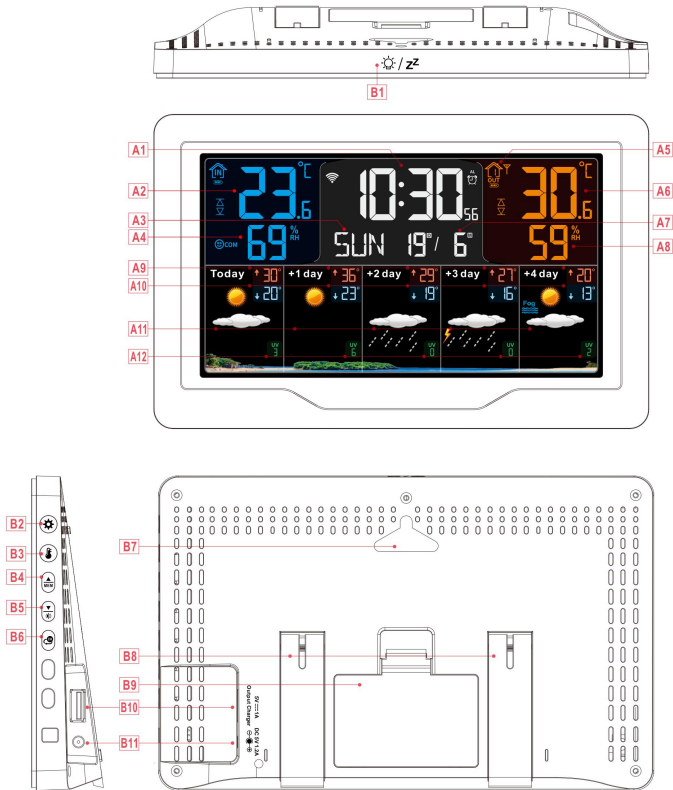
### MAIN:

- ▶ Perpetual Calendar Up to Year 2099
- ▶ Time in optional 12/24 hour format.
- ▶ Automatic calibration of network time service
- ▶ Daily Alarm with snooze function (3 alarms)
- ▶ Indoor & outdoor humidity measurable range: 1%RH to 99%RH
- ▶ temperature measurement ranges::
  - Indoor:-10°C to 50°C or (14°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
- ▶ The future weather forecast and temperature report function, weather forecast information provided by the network
- ▶ 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: Week for today

A5: Remote wireless channel

A7: Calendar

A9: Predicted maximum temperature today and in the next 1-4 days

A11: Weather forecast for today and the next 1-4 days

A2: Indoor temperature

A4: Indoor humidity

A6: Outdoor temperature

A8: Outdoor humidity

A10: Predicted minimum temperature today and in the next 1-4 days

A12: UV index forecast today and in the next 1-4 days



: WIFI signal strength indicator



: battery level icon

☎: Wireless receiving icon

☀: Daylight saving time icon

MAX: Display the maximum indoor temperature and humidity record icon

MIN: Display the minimum indoor temperature and humidity record icon

△: Temperature upper limit alert icon

▽: Temperature lower limit alert icon

☺ DRY: Indoor comfort level: dry icon

☺ COM: Indoor comfort level: comfortable icon

☹ WET: Indoor comfort level: wet icon

🕒 AL: time alarm icon

## Part B – Back button and power

B1: “☀ / ZZ” touch key

B2: “⚙” button

B3: “🔊” button

B4: “MEM” button

B5: “▽” button

B6: “CH” button

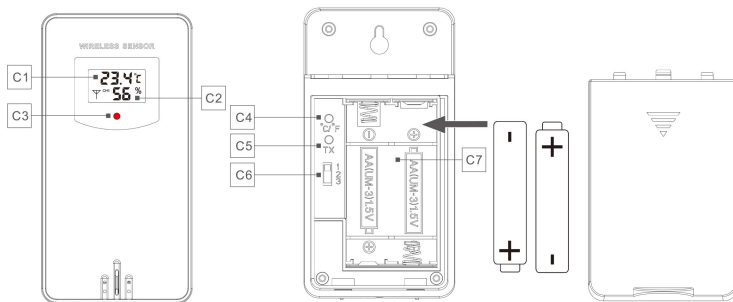
B7: Hanging hole

B8: Support frame

B9: Battery compartment

B10: USB charging socket

B11: DC-POWER input jack



## Part C –Wireless Outdoor Sensor:

C1: LCD display – Temperature

C2: LCD display – Humidity

C3: Transmit signal LED

C4: “°C/°F” button

C5: “TX” button

C6: Channel selector switch

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C7: Battery compartment

## Setup Preparation

Items you will need to setup your weather station (not included):

Fresh Batteries:

- 2 (two) AA alkaline or lithium batteries (1.5V) for the weather station.
- 2 (two) AA alkaline or lithium batteries (1.5V) for the Wireless Outdoor Sensor.

***For best results:***

- Remove weather station and sensors from the package and place together on a table or bench, within easy reach.
  - Place batteries within reach of setup location.
  - Keep sensors and weather station 0.15-0.3 meter or 5-10 feet for at least 15 minutes after installing batteries, to allow the sensors and station to connect repeatedly.

## Download Heyaxa Smart App:






According to the mobile phone brand, search for Heyaxa through the IOS APP Store or Android Google Play, find the APP with the icon below, and download the APP. At the same time, register an account, open the APP, log in to the account, and at the same time log in to the hotspot that the weather station needs to connect to, as a preparation for device pairing

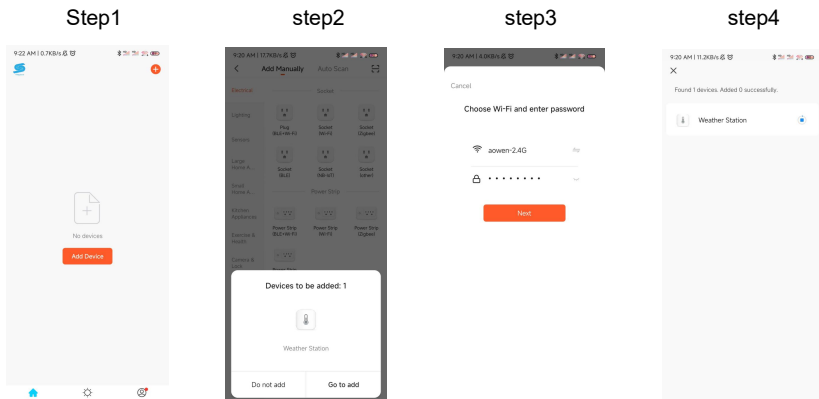


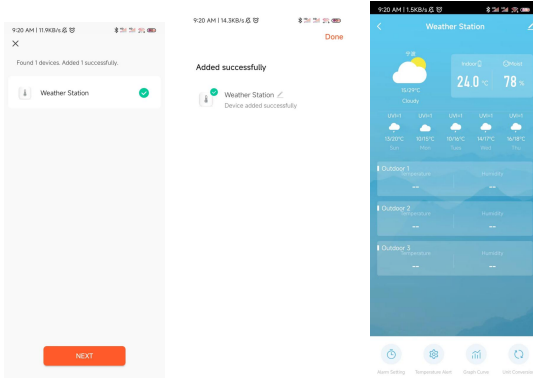
## Quick Setup

1. Insert 2 AA batteries into the Wireless Outdoor Sensor, and set the channel to confirm the sensor, push the selection through the position of C6
2. Then plug the power cord into the weather station
3. Pair the weather station with WIFI and server information according to the APP prompts, see WIFI pairing instructions for details.
4. Configure basic settings, set time/date format and units, etc.
5. Insert 2 AA batteries into the weather station (when the power adapter is unexpectedly powered off, the settings will not be lost)
6. Move the remote sensor to outdoor or other location after 5 minutes.

## WIFI pairing

- ▶ After the weather station is started, it will automatically enter the pairing mode, and the WIFI icon “” will flash.
- ▶ Open the Heyaxa APP, click the “” icon in the upper right corner of the screen, and select Add Device, The APP interface is converted to add devices, and the window for discovering devices will automatically pop up, click Add. After converting the interface, click “” according to the prompts
- ▶ Then follow the APP prompts, step 3: set the WIFI name and password, step 4: pairing process, wait for the screen to change to step 5, click NEXT, the page becomes step 6, click Done, switch to the main interface of step 7, indicating that the pairing is complete.








step5



step6

step7

*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 pairing mode when powered on for the first time, you can press and hold the “” button for more than 3 seconds to enter the pairing mode manually, and the “” in the WIFI signal icon “●” will flash.
- ▶ After the pairing is completed, the weather station will automatically connect to the WLAN, automatically update the network time, and start searching for signals from remote wireless sensors. The “” icon blinks for about 3 minutes. At this time, if the outdoor wireless sensor is working normally, the host will start to search for the signal of the remote wireless sensor in about 1-2 minutes. When a signal is received indoors, the outdoor temperature and humidity will be displayed on the display of the main unit.

### 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 | humidity
- ▶ 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 OUT 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. Please note that the channel of the sensor and the weather station should be consistent.*

## Time and unit settings

- ▶ Press and hold the "⚙️" button for 3 seconds to enter the time setting mode.
- ▶ Press the "▲MEM" or "▼⌘" button to adjust the value. Hold the "▲MEM" or "▼⌘" button to adjust quickly.
- ▶ Press the "⚙️" button to confirm and move to the next item.

**Note:** After 20 seconds without pressing any button to exit the settings.

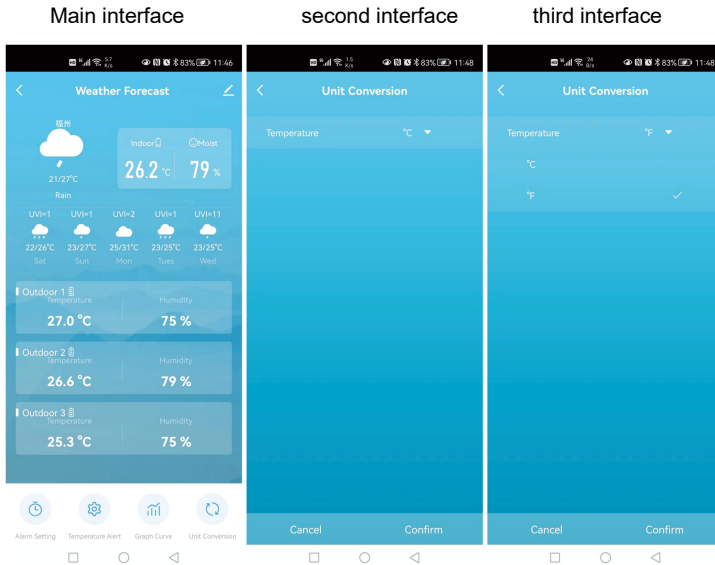
### Settings order:

1. Temperature unit: °C | °F
2. Calendar display format: Month/Date | Date/Month
3. Year
4. Month
5. Date
6. Hour format: 24Hr | 12Hr
7. Hour
8. minutes

**Note:** After the product is connected to WIFI, there is no need to set the time, the time will be automatically timed by the network, and you only need to set the format that needs to be displayed.

**Note:** In the set time, the number of minutes of the change, automatically from the zero second forward








**Note:** The temperature unit can be set through the APP, as shown in the legend below, Click “Unit Conversion” in the main interface, jump to the second interface, click the temperature unit menu, jump to the third interface, click to select the unit to be set, and then click "Confirm" to complete the setting



## Setting the daily alarms:

► There are three sets of daily alarm clocks, and there are two setting methods. Use the button operation of the weather station to set or click the alarm clock setting item in the Heyaxa APP interface to set.

## Button operation of weather station

- Short press the “” button to switch the time interface displayed in AL1 | AL2 | AL3. In these three interfaces, short press the “” button to turn on or off the corresponding alarm function.
- In these three ALARM interfaces, press and hold the “” button for more than 3 seconds to enter the setting mode of the corresponding alarm time.
- Press the “” or “” button to adjust the value. Hold the “” or “” button to adjust quickly.

- ▶ Press the "⚙️" button to confirm and move to the next item.

**Note:** After 20 seconds without pressing any button to exit the settings.

## Settings order:

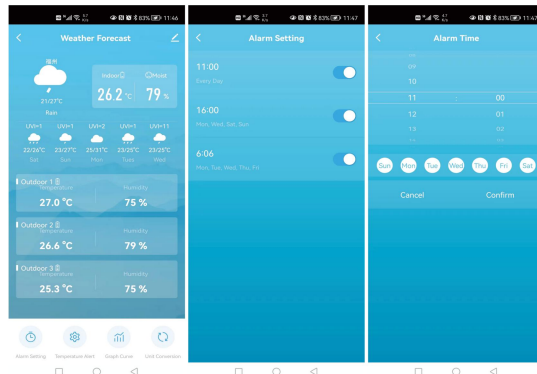
1. Hours of alarm time
2. Minutes of the alarm time
3. Week repeat of the alarm

**Note:** There are 7 kinds of weekly repetitions of the alarm clock, Monday (MO), Tuesday (TU), Wednesday (WE), Thursday (TH), Friday (FR), Saturday (SA) and Sunday (SU), the weather station button operation can be set. There are three options: Monday to Friday, Saturday to Sunday and Monday to Sunday.

## APP setting alarm

- ▶ According to the picture, switch to the main panel, click "ALARM SET" in the panel, jump to the second interface, click the slider to turn on and off the alarm clock, click the three ALARM columns, jump to the third interface, you can make an alarm. Repeat the setting of time and week, click "Confirm" to complete the setting after the setting is completed. All three alarms need to be independently clicked to set.

**Main interface    second interface    third interface**



**Note:** Weekly repetition in the APP can be set independently for each day.

**Note:** 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.

**Note:** Rising alarm sound (crescendo, duration: 2 minutes) changes the volume 4 times whilst the alarm signal is heard.

## Switching off the alarm signal

- ▶ The alarm sound when the trigger, press any buttons except the “☀️ / ZZ” touch button or touch and hold the “☀️ / ZZ” button for more than 3 seconds to stop the alarm signal.

## Snooze function:

- ▶ When the time is up to the alarm, touch and release the “☀️ / ZZ” touch button, the alarm signal stops, and enter the snooze timing mode. At the end of the snooze timer, it will ring again (can repeat snooze)
- ▶ In snooze timing mode, press any buttons except the “☀️ / ZZ” touch button or touch hold down the “☀️ / ZZ” touch button for more than 3 seconds to exit the snooze mode.

**Note:** The snooze time is five minutes.

## 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.

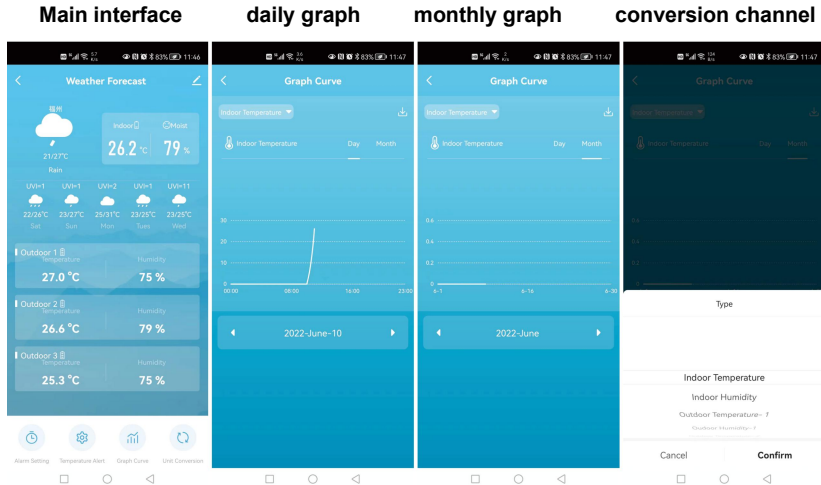
### F.Y.I.:

- ▶ *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.

### The recording curve of temperature and humidity in the APP

- ▶ Through the APP, you can view the historical changes of temperature|humidity of the weather station, display it with a curve graph, click the "" icon on the main interface to enter, you can view the daily|monthly change curve graph.




### Temperature alert function control





- ▶ There are two ways to set the temperature alarm. Use the weather station button to operate the settings or click the alarm setting item in the Heyaxa APP interface to set.

### Button operation of weather station

- ▶ Short press the "🔔" button to turn on or off the temperature alarm function. When the temperature alarm is turned on, the icon "⚡" of the temperature upper and lower limit alarms is displayed.
- ▶ Press and hold the "🔔" button for 3 seconds to enter the temperature alert setting mode.
- ▶ Press and release the "▲MEM" or "▼" button to adjust the value. Hold the "▲MEM" or "▼" button to adjust quickly.

► Press and release the “” button to confirm and move to the next item.

**Note: Note:** After 20 seconds without pressing any button to exit the settings.

**Note:** Set Outdoor Temperature | Humidity alert, press and release the “” button to switch to other channels. (A total of 3 channels:   )

**Settings order:**

1. Indoor temperature upper limit alert value
2. Indoor temperature lower limit alert value
3. Outdoor temperature upper limit alert value
4. Outdoor temperature lower limit alert value

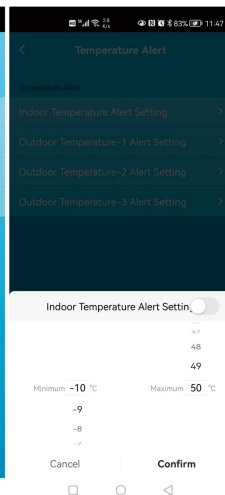
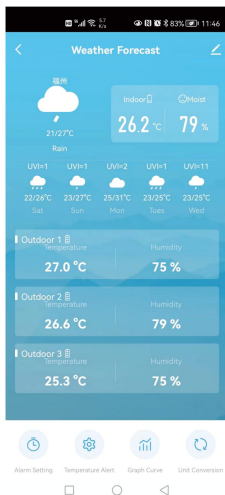
**APP setting temperature alert**

► According to the picture, switch to the main panel, click "temperature alert" in the panel, jump to the second interface, click the corresponding temperature alarm menu of different channels to jump to the third interface. In the third interface, click the slider to turn on or off the corresponding alarm function, and set the upper and lower limits of the alarm by sliding the temperature value. After the setting is completed, click "Confirm" to complete the setting.

**Main interface**

**second interface**





**third interface**






## Temperature alert trigger

- ▶ When the actual detection value exceeds the arming warning value, the weather station will first issue an alarm for 10 seconds, and then issue an alarm sound every 1 minute for 5 times. During this process, press any key to stop the alarm sound.

## LOW BATTERY:

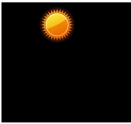






















- ▶ If the battery icon " " appears in the " " column, please change the battery of the base station in time.
- ▶ If the battery icon " " appears in the " " column, please confirm the channel of the battery prompt and change the remote sensor battery of the channel timely

## Background lighting

- ▶ 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. Short press the " " button to adjust the brightness of the backlight, you can adjust the 4 state: 3 different brightness backlight and close the backlight. When the backlight brightness is not at the maximum brightness, press the " / ZZ " button. Backlight turns to maximum brightness of 15 seconds.
- ▶ If the product is powered by batteries, Touch the " / ZZ " location button. Backlight lit 15 seconds.

## Explanation of network weather forecast

- ▶ After the weather station is connected to the WIFI hotspot, the weather station automatically downloads the weather forecast for the current day and the next four days from the network, the highest | lowest temperature and UV index forecast.
- ▶ The weather station automatically uploads the temperature|humidity data detected in the station from the weather station to the server, and the APP can automatically download the data from the server through the network.
- ▶ Weather station icons that can be displayed:

sunny	partly cloudy	Cloudy	thunder	thunder shower	Thunderstorms
					
light rain	moderate rain	heavy rain	Rainstorm (icon flashes)	showers	strong shower
					
snow	Medium snow	heavy snow	Blizzard (icon flashes)	small snow showers	snow showers
					
sleet	fog	haze	Sand blowing	Sandstorm (icon flashes)	
					

Contact service:

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