

Package included :

- Weather station x 1
- Wireless sensor x 1
- 2 batteries - LR6 type (AA) / 1.5 V  (base unit)
- 2 batteries - LR6 type (AA) / 1.5 V  (wireless sensor)
- 2 x screws and dowels
- Operating instruction

Product functions

Weather station

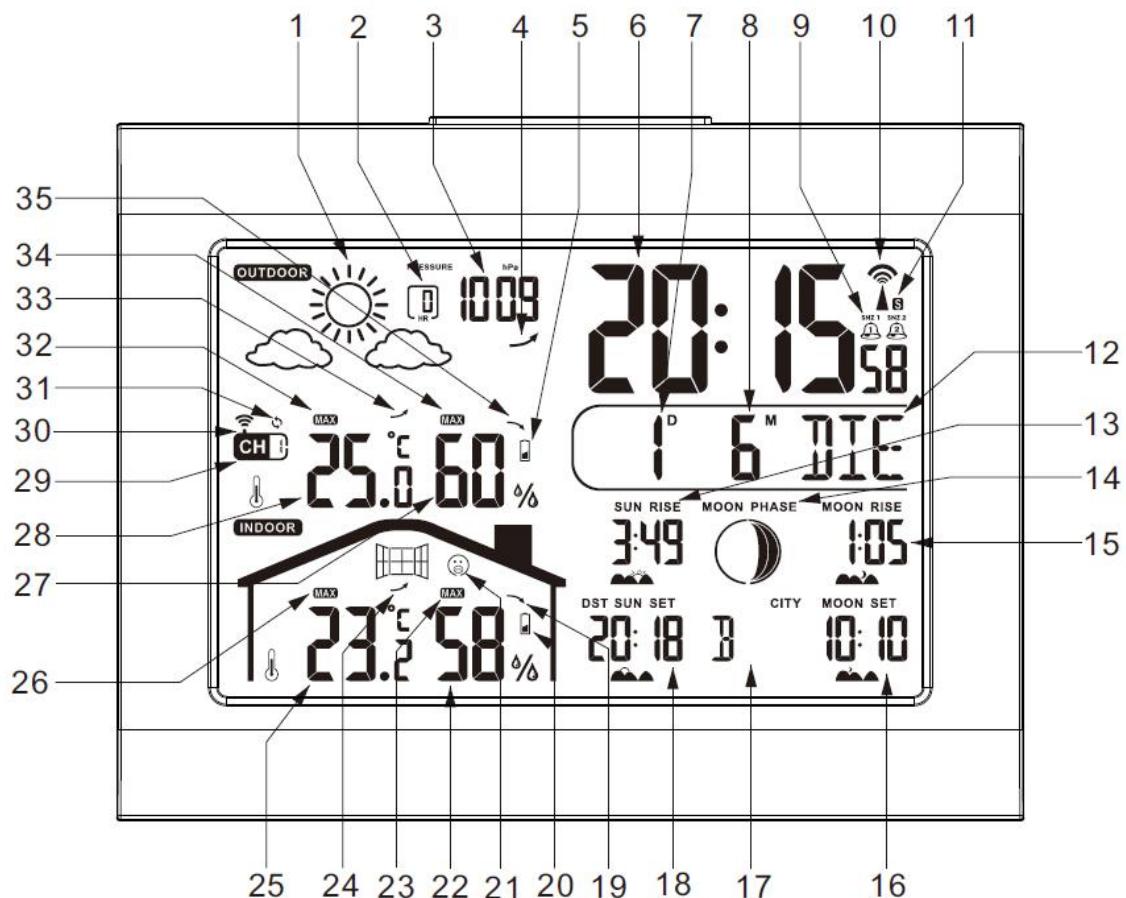
- 12- or 24-hour display
- Date, time and day of week in 8 language
- Dual alarm with snooze function
- Indoor temperature display in °C/°F
- Indoor and outdoor humidity display
- Outdoor temperature display in °C/°F with up to three wireless sensors at different measurement sites (delivery includes one wireless sensor)
- Minimum/maximum display for temperature and humidity
- Humidity and temperature trend display
- Weather forecast symbols
- Moon phase display
- Sun rise/set
- Moon rise/set
- Window indicator
- Comfort indicator
- Low battery indicator

Wireless sensor

- Temperature display in °C/°F
- Humidity display in %
- Range of up to 328 ft (100 meters) (in open area)

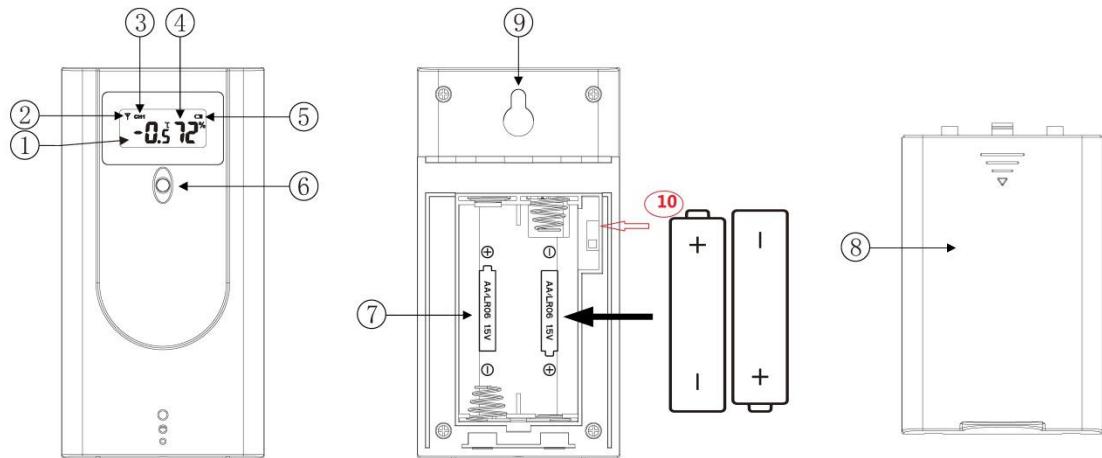
- Low battery indicator
- Wall mounting bracket

Overview of weather station



1. Weather forecast symbol
2. Air pressure for previous hours
3. Absolute/ relative air pressure
4. Air pressure trend
5. Low battery indicator for outdoor
6. Current time
7. Date
8. Month
9. Alarm symbols
10. Radio control indicator
11. DST
12. Day of the week
13. Sun rise
14. Moon phase
15. Moon rise
16. Moon set
17. Location
18. Sun set
19. Indoor humidity trend
20. Low battery indicator for indoor
21. Comfort icon
22. Indoor humidity
23. Maximum indoor humidity
24. Indoor temperature trend
25. Indoor temperature
26. Maximum indoor temperature
27. Outdoor humidity
28. Outdoor temperature
29. Selected channel
30. Signal of the outdoor sensor
31. Automatic switching symbol
32. Maximum outdoor temperature
33. Outdoor temperature trend
34. Maximum outdoor humidity
35. Outdoor pressure

35. Outdoor humidity trend



1	Temperature display
2	Radio frequency display
3	Current transmission channel
4	Humidity display
5	Low battery indicator
6	Red pilot light
7	Battery compartment
8	Battery compartment cover
9	Loop for hanging
10	Sliding switch 1 2 3: Set sensor number (transmission channel)

How to set up

Insert batteries

1. Insert 2 x AA batteries into the wireless sensor. Pay attention to the correct polarity. While the sensor is transmitting, the red LED indicator will flash.
2. Open the battery compartment of the weather station and insert 2 x AA batteries in the correct polarity. Close the battery compartment.

Setting the air pressure at the location

When the weather station is connected to the batteries on the first time, it will enter the air pressure mode. You will see the Rel unit starts to flash. Now you can set the relative pressure through **+/12/24** and **-/RC** button. You can follow below steps.

1. The Rel unit starts flashing, you can press the **HISTORY WEATHER** button to confirm and enter the relative pressure value setting.
2. The air pressure value starts flashing.
3. You can adjust it manually according to the data from the local meteorological station. You can also keep the default data to make it adapt automatically.
4. Press the **HISTORY WEATHER** button to confirm and enter the weather symbol setting.
5. The weather symbol starts flashing, and the default is half sunny. It will automatically adjust to the correct symbol. However, if you want to shorten the reception time of the weather station, you can manually adjust it through **+/12/24** and **-/RC** button.
6. Press the **HISTORY WEATHER** button to save the setting and exit the air pressure mode.
7. To re-adjust, long press the **HISTORY WEATHER** button till the air pressure unit start to flash.

Note: When setting the air pressure, the **+/12/24**; **-/RC**; **HISTORY WEATHER** buttons have function, other buttons have no function. After exiting after 20 seconds, the other buttons have functions and enter the RF receiving mode at the same time.

Pairing the outdoor sensor with the weather station

Once the weather station is installed batteries, it will start receiving the pairing RF signals from the outdoor sensor with the same channel for 3 minutes. You can press the **CHANNEL** button on the base unit to match the correct outdoor sensor.

Generally, the outdoor sensor will connect with the base unit automatically. If it doesn't connect, please follow below steps to set:

- Ensure that the weather station is in the same channels with the outdoor sensor.
- Long press the **CHANNEL** button on the base unit to search signal from the outdoor sensor.
- The sensor receiving icon will flash when searching for the signal.
- After the sensor is connected, the icon will become stable.

Note: After replacing the sensor battery, you need to press and hold the CHANNEL button of the station to receive again.

Reception RCC

After successful reception of the signal for the outdoor sensor, the reception of the DCF77 time signal will begin and the radio control indicator will blink on the display next to the time. This process can take from 3~10 minutes. All buttons except the **SNOOZE/LIGHT** and **ALARM ON/OFF** buttons are disabled during the reception process. If reception fails after 10 minutes, the radio tower will disappear. The automatic reception time of the weather station is: 01:00, 02:00, 03:00, and it will be received every time. If it is not received at 03:00, it will be received at 04:00. Receipt will be made at 05:00, regardless of whether it is received at 05:00, it will no longer be received on the same day.

If the reception attempt is successful, the radio control indicator will appear permanently on the display and the correct time, date, day of week and the times of sunrise, sunset and moon phase will be set automatically. DST will appear on the display next to the radio control indicator during daylight saving time.

Setting the basic data

- Press and hold the **MODE** button for 3 seconds till the $^{\circ}\text{C}$ starts flashing, now you are in the basic settings.
- To adjust the data through **+/12/24** and **-/RC** button.
- Then press the **MODE** button to confirm and jump to the next setting.

Below are the setting orders:

1. $^{\circ}\text{C}/^{\circ}\text{F}$
2. hpa/ inHg
3. Time zone
4. MD/DM
5. Hour
6. Minutes
7. Year
8. Month
9. Date
10. Language
11. Country
12. City

Setting the alarm

There are dual alarms on the weather station. You can set them separately.

1. Use the **MODE** button to select the alarm you would like to set (ALARM 1 or ALARM 2).
2. After confirmed setting alarm 1 or 2, long press the **MODE** button till the time starts flashing.
3. Set the desired hour for the alarm with the **+/12/24** and **-/RC** buttons.
4. Press **MODE** button to store the setting and enter the minute setting.
5. Set the desired minute for the alarm with the **+/12/24** and **-/RC** buttons.
6. Press **MODE** button to store the setting. Now the alarm(1 or 2) is set.

Note:

The default of the alarm is off.

When the alarm symbol appears in the screen, the alarm is on activated status.

Deactivate/Activate alarm

The alarm clock is off by default and needs to be activated manually.

Use the **MODE** button to switch the alarm 1 or alarm 2.

Use the **ALARM ON/OFF** button to switch the alarm on and off.

On ALARM 1:

- press **ALARM ON/OFF** once:  on the display, A1 is activated

- press **ALARM ON/OFF** twice:  disappear, A1 is deactivated

On ALARM 2:

- press **ALARM ON/OFF** once:  on the display, A2 is activated
- press **ALARM ON/OFF** twice:  disappear, A2 is deactivated

Stopping the alarm

You will be woken by the alarm at the set time, and the sound will become more and more intense as the alarm continues. You can stop it through below steps:

- Switch off the alarm completely - Press any button on the base unit (apart from **SNOOZE/LIGHT** button), to stop the alarm. The alarm will go off again after 24 hours.
- Automatic stop function - If you do not press any buttons, the alarm will automatically switch off after 2 minutes. The alarm will go off again after 24 hours.
- Press the **SNOOZE/LIGHT** button to temporarily deactivate the alarm. The bell symbol will blink on the display. After 5 minutes the alarm will sound again.

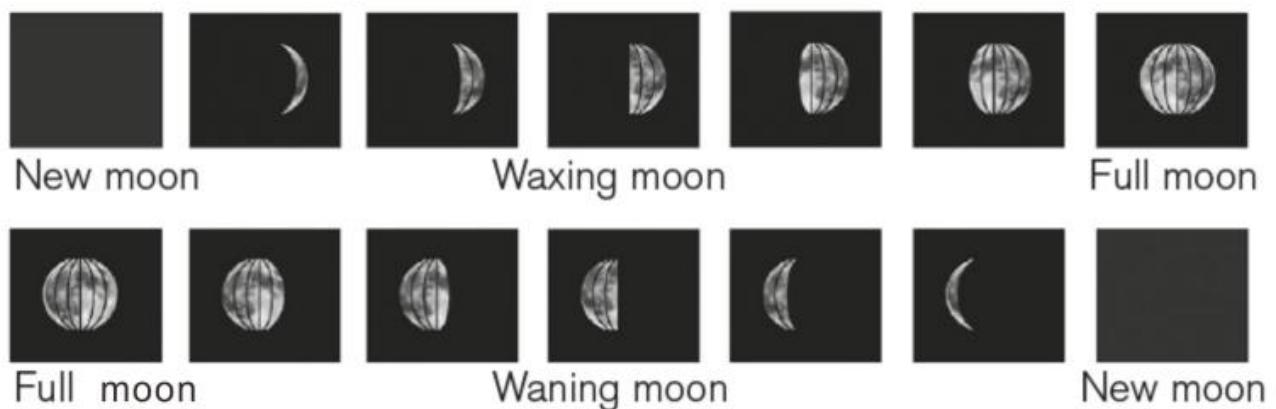
Other functions

Backlight

Briefly activate the backlight by pressing the **SNOOZE/LIGHT** button.

Moon phase

Moon phase will automatically update with the date.



Low battery indicator

- When there is a battery symbol near Outdoor Humidity, you should replace batteries of the wireless sensor.

- When there is a battery symbol near Indoor Humidity, you should replace batteries of the weather station.

Comfort indicator

1.  Dry: Indoor humidity between 20-44%
2.  Comfort: Indoor humidity between 45-65%
3.  Wet: Indoor humidity between 66-95%

Window rating

Ambient change is calculated by the outdoor humidity. Icons will be changed on screen on below conditions:

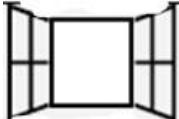
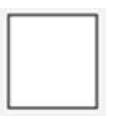
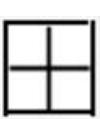
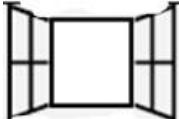
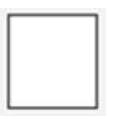
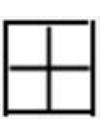
More wet: Expect the humidity will increase 5% or more

No change: Expect the humidity will change within +/- 4% range

More dry: Expect the humidity will decrease 5% or more

Window indicator

On certain humidity conditions (as below chart shows), the window indicator on screen will show up for a reference of opening / closing the windows.

Humidity confort level	Ambient change			
  	MORE WET/NO CHANGE/MORE DRY			
COMFORT	ANY	OFF	ON	OFF
DRY	NO CHANGE	OFF	ON	OFF
DRY	MORE WET	ON	OFF	OFF
DRY	MORE DRY	OFF	OFF	ON
WET	NO CHANGE	OFF	ON	OFF
WET	MORE DRY	ON	OFF	OFF
WET	MORE WET	OFF	OFF	ON

Sunrise, sunset, moonrise and moonset times

After setting your country and city, the weather station will display the approximate times for sun rise and sun set.

Daily MAX/MIN data

All MAX / MIN temperature/humidity records will reset automatically at 12:00 (midnight).

From normal display, press and release the **MAX / MIN** button to view:

- MAX-- indoor and outdoor temperature/ humidity records.
- MIN-- indoor and outdoor temperature/ humidity records.

You can display the measured minimum and maximum values of the current day by pressing the **MAX / MIN** button repeatedly in succession in the normal time display mode. Only the maximum values appear, then the minimum values and the current values again. Meanwhile, "MAX" or "MIN" is displayed above the values.

Note: Long press the **MAX / MIN** button to delete the highest and lowest temperature and humidity values since midnight.

Weather trend

For the temperature and humidity values measured by the base unit and wireless sensor, the trend is displayed by an arrow:

Trend	rising	constant	falling
Temperature	▲	➤	▼
Humidity	▲	➤	▼

Air pressure trend

Your weather station can show the air pressure tendency.

- ▲ rising air pressure = weather rises
- constant air pressure = weather stays the same
- ▼ falling air pressure = weather falls

Pressure readings

You can also select absolute or relative air pressure by pressing the **HISTORY WEATHER** button will appear on the display.

To change the relative air pressure, you can find the "Setting the air pressure at the location".

12-hour air pressure history

Press the **HISTORY WEATHER** button to view the air pressure history for the last 12 hours.

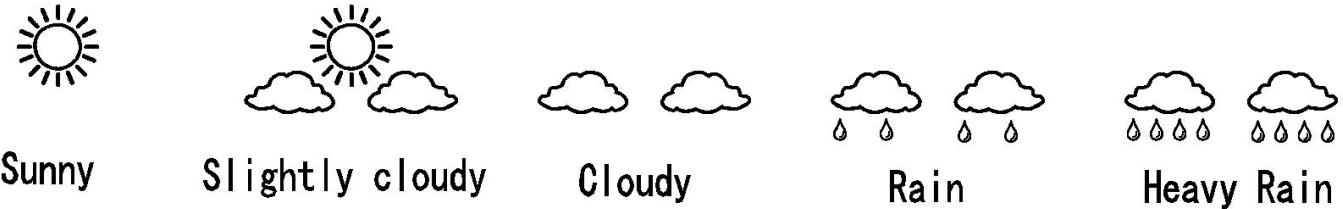
Weather forecast icons

After setting up initially, the weather forecast can not be used for about 12 hours, as the weather station needs this time to collect and evaluate the weather data.

The weather forecast is a result of the collected data and the measured changes in air pressure.

The forecast refers to the area around the weather station with a radius of about 30 to 50 km for the next 12 to 24 hours.

The accuracy of the weather forecast is around 75 %.

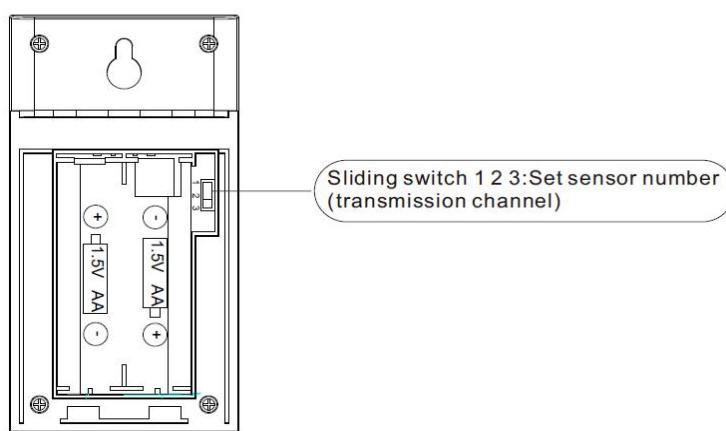


How to add extra sensors

The weather station comes with one wireless sensor. However, you can operate the weather station with up to three wireless sensors.

Note:

1. You need to set different channels for the sensor (1-3). You can set it through pull the stick on near the batteries.



2. Under the corresponding channel displayed on the base unit, press and hold the **CHANNEL** button until the signal icon starts to flash to receive the signal from the newly added sensor.

FCC Statement

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) This device must accept any interference received, including interference that may cause undesired operation

WARNING: Changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation.

This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio / TV technician for help.