

Package included:

- Weather station x 1
- Wireless sensor x 1
- 2 batteries - LR6 type (AA) / 1.5 V  (base unit)
- 2 batteries - LR03 type (AAA) / 1.5 V  (wireless sensor)
- 2 x screws and dowels
- Operating instruction

Product functions

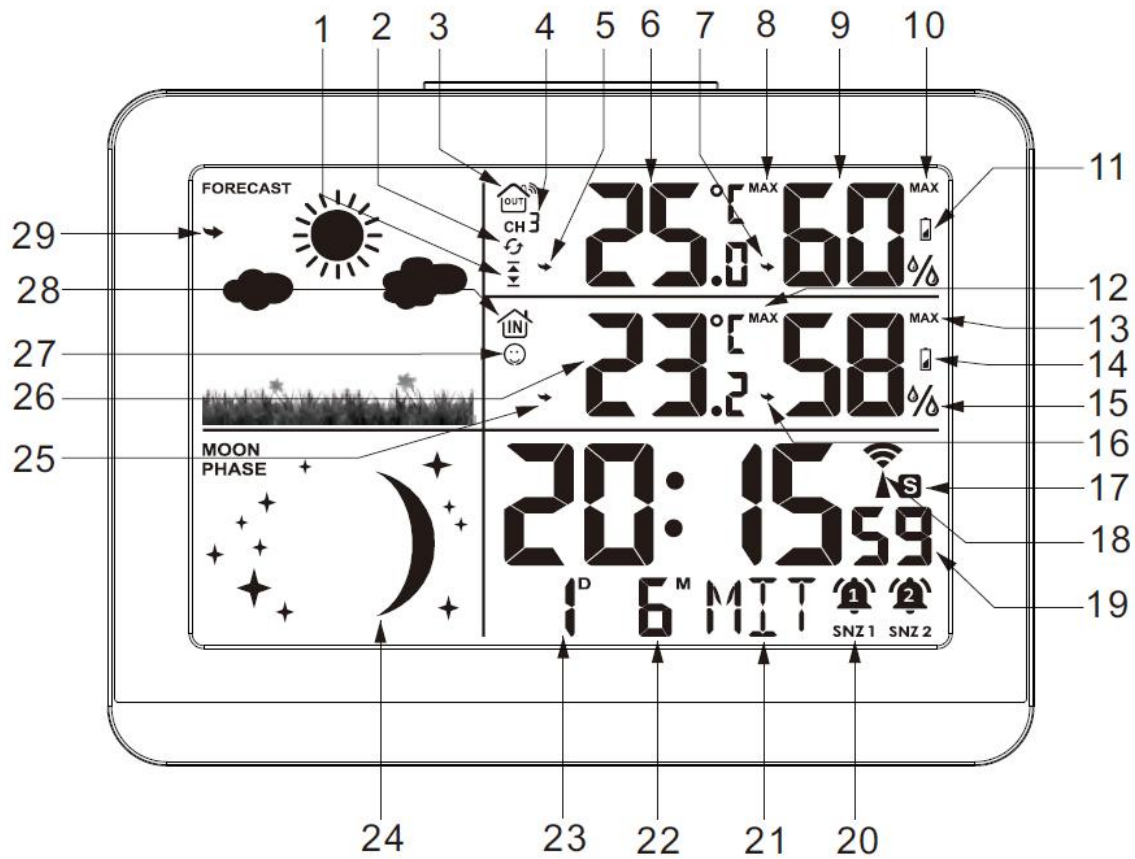
Weather station

- 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
- Comfort indicator
- Low battery indicator

Wireless sensor

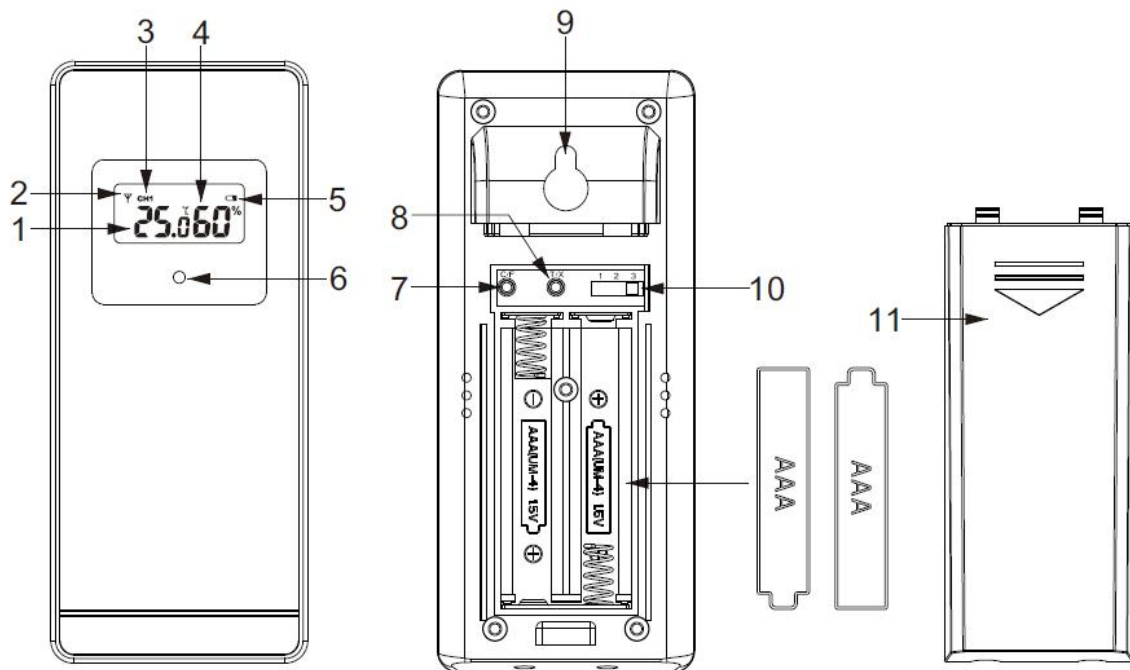
- Temperature display in °C/°F
- Humidity display in %
- Range of up to 328 ft (100 meters) (in open area)
- Low battery indicator
- Wall mounting bracket

Overview of weather station



- | | |
|--------------------------------------|--------------------------------|
| 1. Upper/Lower limit symbol | 5. Outdoor temperature trend |
| 2. Automatic switching symbol | 6. Outdoor temperature |
| 3. Outdoor | 7. Outdoor humidity trend |
| 4. Current channel of outdoor sensor | 8. Maximum outdoor temperature |

9. Outdoor humidity
10. Maximum outdoor humidity
11. Low battery indicator for outdoor
12. Maximum indoor temperature
13. Maximum indoor humidity
14. Low battery indicator for indoor
15. Indoor humidity
16. Indoor humidity trend
17. DST symbol
18. Radio control indicator
19. Time display
20. Alarm symbol
21. Day of week
22. Month
23. Date
24. Moon phase
25. Indoor temperature trend
26. Indoor temperature
27. Comfort indicator
28. Indoor symbol
29. Air pressure trend



1	Temperature display
2	Radio frequency display

3	Current transmission channel
4	Humidity display
5	Low battery indicator
6	Red pilot light
7	Switch °C/°F
8	TX button
9	Loop for hanging
10	Sliding switch 1 2 3: Set sensor number (transmission channel)
11	Battery compartment cover

How to set up

Insert batteries

1. Insert 2 x AAA 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 weather symbol

When the weather station is connected to the adapter or batteries on the first time, it will enter it will enter the 7-level weather adjustment mode. You will see the weather symbol starts flashing, and the default is half cloudy. 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 ▲ and ▼ button.

6. Press the SNOOZE/LIGHT button to save the setting.

7. To re-adjust, long press the SNOOZE/LIGHT button at the top till the weather symbol start to flash.

Pairing the outdoor sensor with the weather station

When the weather station is connected to the batteries on the first time, after detecting the temperature/humidity, it will automatically enter the weather setting mode, press the Snooze button to exit or automatically exit after 20S, enter the RF receiving for 3 minutes, and then enter the receiving RCC for 7 minutes.

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 CH 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 CH 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 7 minutes. All buttons except the SNOOZE/LIGHT and  buttons are disabled during the reception process. When the signal is received, the RCC tower part mark is static, and the arc antenna flashes at a frequency of 1Hz; When the signal is weak and the correct signal cannot be distinguished, the tower part flashes at 1Hz, and the arc antenna part does not display.

1. When the receiving signal is successful, the RCC receiving sign will be fully displayed and the receiving state will be exited;
2. During the receiving process, single pressing the "" button will exit the RCC receiving state, except that single pressing the "SNOOZE/LIGHT" button can light up the backlight function, other buttons have no function;
3. Automatic reception: every morning (current time zone) 01:00, 02:00, 03:00 to force reception to 04:00, 05:00 to choose to receive 05:00, regardless of whether the reception is successful or not, it will no longer be received on that day, and the RCC reception time is 7 minutes;
4. If the receiving signal fails on the same day, the next receiving time will be 01:00 the next day;
5. In the process of receiving RCC, when encountering the ALARM alarm, it will exit the RCC reception and switch to the alarm

6. When DST signal is received, DST logo will be displayed on LCD;
7. When the RCC symbol and DST are displayed, after resetting the time, the RCC symbol and DST will disappear;
8. Adapter power supply: The backlight is automatically turned off when RCC is receiving, and the original lighting state is automatically restored after receiving.

Setting the basic data

- Press and hold the SET button for 3 seconds till the year starts flashing, now you are in the basic settings.
- To adjust the data through ▲ and ▼ button.
- Then press the SET button to confirm and jump to the next setting.

Below are the setting orders:

1. MD/DM
2. Month
3. Date
4. Time zone
5. Hour
6. Minutes
7. 12H/24H
8. Language
9. RCC ON/OFF(default ON)

Setting the alarm

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

In the standard mode, single press the "SET" key to switch the display to the ALARM that needs to be set; The switching sequence is TIME-AL1-AL2-TIME.

1. Use the SET 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 SET button till the time starts flashing.

3. Set the desired hour for the alarm with the ▲ and ▼ buttons.
4. Press SET button to store the setting and enter the minute setting.
5. Set the desired minute for the alarm with the ▲ and ▼ buttons.
6. Press SET button to store the setting.

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  once:  on the display, A1 is activated
- press  twice:  on the display, A2 is activated
- press  three times:   on the display, A1 and A2 is activated
- press  four times:   on the disappear, A1 and 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.

Note: When the alarm in battery mode, the backlight will automatically switch to the LOW mode, press any key to wake up the bright mode for 10 seconds (① SN key enters into a 5-minute snooze and wakes up for 10 seconds, then turns off. ② other keys exit the alarm and wake up for 10 seconds and then turn off)

Whether the adapter mode backlight is always on or off, the backlight needs to be always on when the alarm sounds.

Other functions

Backlight (HI-LOW-OFF)

1. Battery mode:

Single press the "SNOOZE/LIGHT" button to light up the backlight for 10 seconds;

In battery mode, plug in the adapter, the buzzer will sound once, the backlight will be on for a long time, and the default is HI.

2. Adapter power supply mode:

The backlight is always on by default when it is powered on; the default is HI.

In battery mode, plug in the adapter backlight at any time and it will immediately turn to a long light state; the default HI.

Adapter power supply: The backlight is automatically turned off when RCC is received, and the original lighting state is automatically restored after the reception is completed.

Adapter power supply: when the backlight is switched to off, the key will only wake up the backlight for 10 seconds (except the SN button)

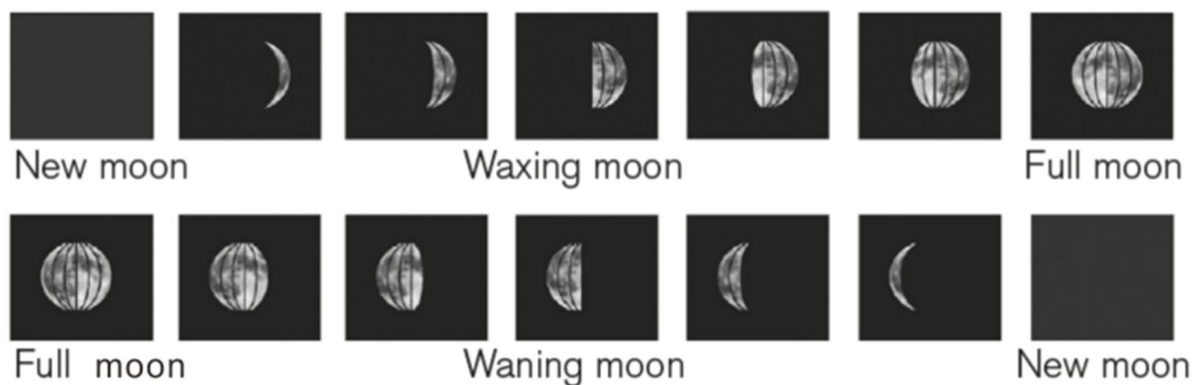
Note: When the base unit is operated by batteries only, the backlight will off after 10s and you will need to activate it again through pressing the SNOOZE/LIGHT button.

Outdoor temperature alarm settings

1. In any display mode (not a setting item), press and hold the "  " button to turn on and off the ALERT function
2. In the standard mode, press and hold the "  " button for 2 seconds to enter the ALERT setting
3. Setting sequence: ON/OFF → upper limit → lower limit → exit
4. When setting the upper limit or lower limit, press the "CH" key to switch and set different channels
5. The upper limit default temperature is +50°C, the lower limit is -20°C
6. When setting, the set item will flash at a frequency of 1HZ
7. Press "SET" to confirm the setting result and go to the next setting item
8. Single press the "  " button to advance the set value by one step; press and hold for more than 2 seconds, it will advance at a speed of 8 steps per second
9. Single press the "  " button, the set value goes back one step; press and hold for more than 2 seconds, it will go back at a speed of 8 steps per second
10. When there is no effective operation for more than 20 seconds, it will automatically exit the setting state, and the set value will be saved
11. The ALERT alarm continuously rings once every minute, BI BI BI BI four times per second, continuously rings for 5 seconds, press the SNOOZE button to stop the alarm, but the temperature display will still flash, and will stop flashing until the temperature is not within the alarm range.

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

It depends on the indoor humidity and indicates the comfort degree a person would feel.

	DRY ☹️	COMFORT 😊	WET ☹️
Humidity range	< 40%	40% ~ 70%	>70%

Daily MAX/MIN data

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

From normal display, press and release the ▲ 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 ▲ 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 ▲ 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

Weather forecast icons

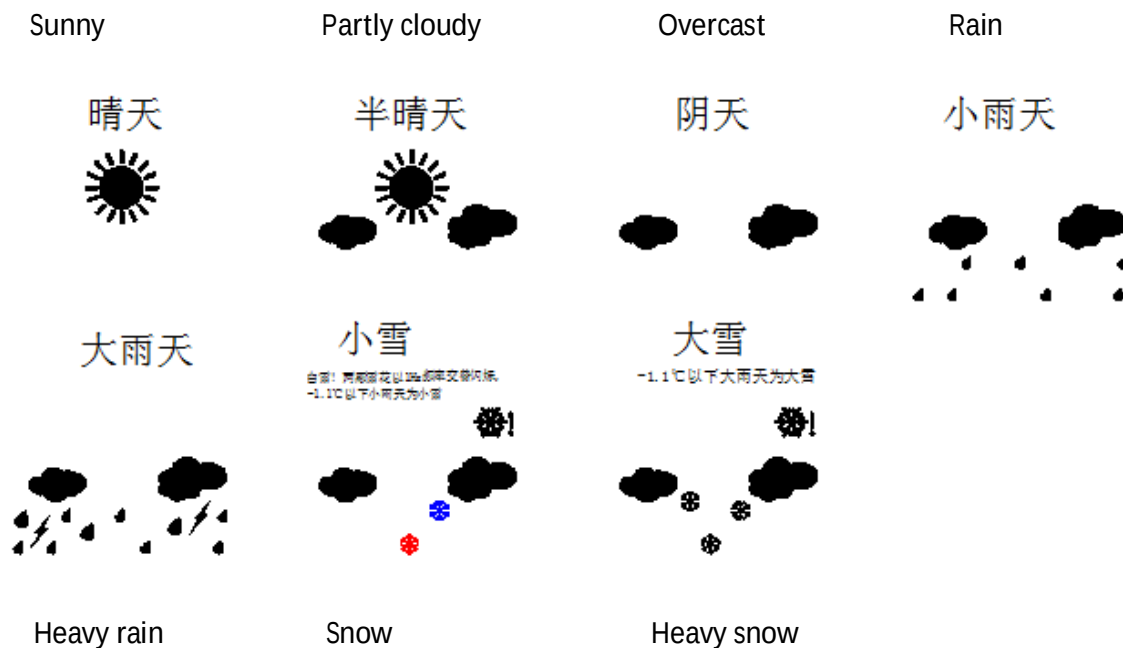
After setting up initially, the weather forecast can not be used for about 12 hours, as the weather station needs this time to collect and evaluate the weather data.

- The 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.

- When the OUT temperature is lower than -1.1°C and the weather is light rain, it is a light snow day, the freezing point symbol flashes at 1Hz, the snowflakes flash, and only two clouds and freezing point/two small snowflakes are displayed;

When the OUT temperature is lower than -1.1°C , the weather is heavy snow, the freezing point symbol and three white snowflakes are displayed normally, and only the freezing point and three small rain flowers are displayed, the three snowflakes flash.

The accuracy of the weather forecast is around 75 %.



Temperature alarm - If the wireless sensor measures outdoor temperature between $+1^{\circ}\text{C}$ ~ -1°C , there is a risk of frost and a snowflake symbol ❄️ will flash. If the temperature falls below -1.1°C for an extended period of time, the snowflake symbol will be constantly displayed.

Note: Even if the temperature alarm is not displayed, when the temperature is around freezing point, there is generally always a risk of frost and/or black ice. The outdoor sensor can only measure the local temperature in the place where it is installed.

Eight national languages: (default German)

LANGUAGE WEEK	ENG	FRE	GER	SPA	DUT	DAN	ITA	RUS
SUNDAY	SUN	DIM	SON	DOM	ZON	SON	DOM	BOC
MONDAY	MON	LUN	MON	LUN	MAA	MAN	LUN	NOH
TUESDAY	TUE	MAR	DIE	MAR	DIN	TIR	MAR	BTB
WEDNESDAY	WED	MER	MIT	MIE	WOE	ONS	MER	CPE
THURSDAY	THU	JEU	DON	JUE	DON	TOR	GIO	YTB
FRIDAY	FRI	VEN	FRE	VIE	VRI	FRE	VEN	NTH
SATURDAY	SAT	SAM	SAM	SAB	ZAT	LOR	SAB	CGT

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.

This equipment can be installed and operated with a minimum distance 20 centimeters between the radiator and user's body.

And this equipment has been evaluated to meet general RF exposure requirement at 20 centimeters distance.