

Size: 297(W) x 105(H)mm

FRONT SIDE

**WEATHER STATION WITH OUTDOOR SENSOR**

**INSTRUCTION MANUAL**

Thank you for purchasing the Weather Station With Outdoor Sensor. This manual provides more information about the product, please read the instructions before using.

**Product Overview**

Weather Station x 1  
 Outdoor Sensor x 1

USB Type-C Power Cable x 1  
 Instruction Manual x 1

**Package Contents**

1(One) WEATHER STATION  
 5.59in. x 4.13in. 0.94in. (14.2cm x 10.5cm x 2.4cm)  
 1(One) OUTDOOR SENSOR  
 1.65in. x 4.06in. 1.02in. (4.2cm x 10.3cm x 2.6cm)  
 1(One) USB Type-C Power Cable 39.4in. (100cm)  
 1(One) Instruction Manual

**Specifications**

WEATHER STATION: 3(Three) x AAA 1.5V Alkaline Batteries (Not Included)  
 OUTDOOR SENSOR: 2(Two) x AAA 1.5V Alkaline Batteries (Not Included)

**Specifications**

Function keys: [SET] [UP] [DOWN] [CH] [SNOOZE/LIGHT]  
 Time display: 12/24 format  
 Calendar: Continuous up to 2099, day, date, month  
 Alarm: Dual function with 5 minute snooze  
 Forecasting: Sunny, partly sunny, overcast, rainy, heavy rain, snowy, heavy snow  
 Barometer: 12 Hour History  
 Temperature: °C, °F, Indoor and Outdoor with trend, alert and freeze  
 Temperature Range: Inside: 13.9°F~122°F, Outside: -40°F~140°F  
 Humidity: Percentage, Indoor and Outdoor  
 Battery Indication : Low Indication  
 Batteries: (not included) Indoor: 3 x AAA 1.5V / Outdoor 2 x AAA 1.5V  
 Battery Life: Approx. 3 Months  
 Display: Backlight Illumination  
 Sensor Frequency: 433MHz with 3x channels  
 Transmission Range: 50m without interference, at least 1m above ground  
 USB Type-C Power Cable Included  
 USB Type-C Power Cable Rating 5V/1A Max.

**Powered By USB Type-C**

**CAUTION:** For your safety, please always use appropriate 5V output charger/Adapter to power the product. **DO NOT USE** Quick Charging USB Adapter to power the product, as it might damage the product.

- Use the USB Type-C power cable provided with the packaging.
- Connect the USB plug to a USB port on a wall adapter, then connect the USB Type-C plug to the USB Type-C power port on the product.

**CAUTION:** The USB Type-C power cable included with this item is intended for use with this product. Only use the included USB Type-C power cable to operate this product.

**Batteries Installation**

**Weather Station:**  
 Insert 3(Three) X AAA 1.5V Alkaline Batteries (Not Included) into the battery compartment. Ensure that the batteries are inserted as shown in the diagram. Finally, replace the battery box cover.

**Outdoor Sensor:**  
 Insert 2(Two) X AAA 1.5V Alkaline Batteries (Not Included) into the battery compartment. Ensure that the batteries are inserted as shown in the diagram. Finally, replace the battery box cover.

**Power On/Off**

When the batteries are inserted / connected with USB power, the Weather Station / Outdoor Sensor will turn on immediately.  
 Remove the batteries / disconnect with power source to turn off.

**Button Function**

Name	SET	UP	DOWN	CH	SNOOZE/LIGHT
<b>Standard Mode</b>					
Short Press	---	Switch C/F Temperature Unit	View MAX/MIN values for temperature and humidity	Switching RF channel	Back light for 5 seconds
Long Press	Entry Time Setting	---	Clear MAX/MIN values of temperature and humidity	Re-register RF	---
<b>Timeset</b>					
Short Press	Confirm Settings	Press once to add 1	Subtract 1 by pressing once	---	---
Long Press	---	Rapid increase	Rapid decline	---	---
<b>Clock Settings</b>					
Short Press	Confirm Settings	Press once to add 1	Subtract 1 by pressing once	---	---
Long Press	---	Press once to add 1	Subtract 1 by pressing once	---	---

BACK SIDE

**Setting Time Mode**

- In standard mode, hold down the SET key for 3 seconds to enter the time setting mode
- Sets the item to blink at 1Hz
- Setting sequence: 12/24HR → Hours → Minutes → Date format → Year → Month → Day → Barometric Settings → Weather Settings → Exit
- During the setting process, short press the "UP" key to increase the value by 1, and long press the "UP" key to increase the value by 8 steps per second.
- During the setting process, simply press the "DOWN" key to decrease the value by 1, and long press the "DOWN" key to decrease the value by 8 steps per second.
- Press the SET button to save the Settings
- When setting the minute, press the UP key or the DOWN key. The second is automatically cleared
- Weather pattern selection mode, just press the "UP" button or "DOWN" button to select level 5 weather pattern: sunny half sunny Cloudy light rain rainstorm Sunny(cycle)
- During the setting mode process, press SNOOZE/LIGHT to exit the setting mode and save the Settings
- During the setting mode, if no key operation is performed within 20 seconds, the setting mode is automatically exited and the Settings are saved
- When setting the air pressure, when the correction value of the air pressure is 0, the absolute air pressure is displayed, ABS is displayed, if the correction value is not 0, the relative air pressure is displayed, REL is displayed

**Setting Alarm Mode**

- In standard mode, press the SET key to view the Alarm time. The sequence is as follows: time → Alarm → time (cycle). If no operation is performed within 5 seconds, the system returns to the time display mode
- In the view alarm time display mode, the week position is displayed as AL
- In the alarm display mode, hold down the SET key for 3 seconds to enter the alarm setting mode
- Sets the item to blink at 1Hz
- Setting sequence: hour minute Exit
- During the setting process, simply press the "UP" key to increase the value by 1, and long press the "UP" key to increase the value by 8 steps per second.
- During the setting process, simply press the "DOWN" key to decrease the value by 1, and long press the "DOWN" key to decrease the value by 8 steps per second.
- Press the SET key to save the Settings
- In setting mode, if no key is pressed within 20 seconds, the system automatically exits the setting mode, and the configured content is saved
- During the setting mode process, press SNOOZE/LIGHT to exit the setting mode and save the Settings
- In the setting mode, if you change any item, exit the setting mode, the alarm will automatically turn on
- During the setting mode process, press SNOOZE/LIGHT to exit the setting mode and save the Settings
- In the alarm time mode, press the UP or DOWN key to switch on or off the alarm
- Default alarm: AM6:00, the status is OFF

**Alarm Format Functions**

- Alarm time 2 minutes, frequency: 2KHz, alarm format:
- 0-9 seconds, per second, BI, one sound
- 10-19 seconds, per second, BI BI, two sounds
- 20-30 seconds, per second, BI BI, BI, three sounds
- After 30 seconds, Continuous BI sound
- During the alarm, press SNOOZE/LIGHT to enter the 5-minute snooze function, and press other keys to exit the alarm
- During snooze, simply press the SNOOZE/LIGHT key to turn on the backlight function, and press other keys to exit snooze and snooze

**RF Function**

- After the battery is installed, the temperature, humidity and air pressure are detected and the weather graphics are loaded, and the RF reception 3-minute registration mode is automatically entered. Displayed "---", the RF antenna symbol blinks.
- RF receives 3-minute registration mode. If the three channels receive the automatically transmitted signal, you can exit the RF long receiving mode immediately, without waiting for 3 minutes; If you do not receive the full 3 channels, it will take 3 minutes to automatically exit the receiving mode.
- When the channel signal is not received, the data will not be automatically received again in the future. To enable receiving again, you need to manually press CH for 3 seconds to re-register
- In standard mode, hold down the "CH" key for 3 seconds to clear the displayed value of the current channel and re-register the channel data
- If the registered channel temperature does not receive valid signals with the same ID Code within 60 minutes, it will re-expand the receiving mode for 3 minutes (without clearing the ID). After receiving failure, the temperature of the channel will display "---", and then receive for 3 minutes every hour (clearing the ID).
- Synchronization period: CH1=5S, CH2=6TS, CH3=79S
- The system starts receiving data 1S before the arrival time of each synchronization, and exits 2 seconds after receiving data successfully
- Temperature range: -40C ~ 60C/-40F ~ 140F, humidity range: 20%~95%
- Press "CH" key to switch the channel display in the sequence of CH1 → CH2 → CH3 Auto cycle
- displays the symbol " " when switching to auto loop, which will automatically switch and display channels every 5 seconds
- The antenna symbol flashes when RF is synchronized

**Temperature / Humidity Function**

- Indoor temperature detection range: -9.9°C ~ +50°C & +13.9°F ~ +122°F
- Humidity detection range: 20%-95%
- Detection period: 30 seconds
- Temperature resolution: +/-0.1 °C
- Humidity resolution: 1%
- Temperature sensor: 49.12K, Humidity sensor: 30K
- If the temperature is lower than -9.9 °C, L.L.L °C is displayed;
- If the temperature is higher than 50 °C, H.H.H °C is displayed
- If the humidity is lower than 20%, 20% is displayed.
- If the humidity is higher than 95%, 95% is displayed

**Temperature / Humidity MAX/MIN Memory Function**

- In normal mode, press "DOWN" to query the memory value of the indoor/outdoor temperature and humidity MAX/MIN
- The order is MAX → MIN → Return current value
- In normal mode or when you query the memory values of indoor and outdoor temperature and humidity MAX/MIN, hold DOWN the Down key for 2 seconds to manually clear the memory values of indoor and outdoor temperature and humidity MAX/MIN
- If you query the indoor and outdoor temperature and humidity MAX/MIN without pressing the button, the clock display mode is returned within 5 seconds

**Pressure Variation Trend**

- Pressure trend detection method
- Each time the last detected pressure is compared, if the range of change is more than +1HPA, the trend change is immediately refreshed to rise.
- Each time the last detected pressure is compared, if the change range exceeds -1HPA, the trend change is immediately refreshed to decline.
- Whether it is rising, falling or changing parallel, the trend indicates parallel when the pressure does not change more than +1HPA within 1 consecutive hour

**Weather Forecast**

- The forecast is the trend of weather conditions within the next 12 hours
- There are five levels of weather: sunny, semi-sunny, overcast, light rain, heavy rain (light snow, heavy snow)
- Detection method: atmospheric pressure + temperature
- Weather forecast check and update time: 1 hour
- Weather forecasts are more accurate only under natural ventilation. There may be greater errors in indoor conditions, especially in air-conditioned rooms
- When it is in rainy weather, when the outdoor temperature is below 0 °C, it automatically switches to the snow weather pattern
- Outdoor aisle priority: CH1 → CH2 → CH3 → Indoor

**Backlight Function**

- In normal battery power mode, press the "SNOOZE/LIGHT" key to turn on the backlight for 5 seconds. In the process of opening the backlight, if there is operation of other keys, the backlight can not be extinguished, to stop the operation of the key starts to count 5 seconds, 5 seconds automatically extinguish the backlight
- In normal AC power mode, the backlight is long on. You can adjust the backlight level 2 brightness or disable the backlight function by simply pressing the "SNOOZE/LIGHT" button. The sequence is 100% → 25% → Turn off the backlight. In normal AC power mode, in the case of RCC turning off the backlight or manually turning off the backlight, press the "SNOOZE/LIGHT" button to turn on the backlight for 5 seconds
- Alarm Press the "SNOOZE/LIGHT" key to enter the snooze state during the alarm, and turn on the backlight 100% brightness for 5 seconds. Repeatedly press the "SNOOZE/LIGHT" key in the snooze state to turn on the backlight repeatedly. But does not affect the current snooze function

**Test Mode**

- Air pressure test mode. Press and hold "UP", "DOWN" at the same time, after the electric reset, BI, BI, two sounds into the air pressure test mode, the time position displays the air pressure value, and the air pressure is detected once every 2 seconds
- When the battery is powered, the backlight of the test mode is always bright for the convenience of the test display

**IMPORTANT: BATTERY INFORMATION**

**For AAA Batteries**

**WARNING: TO AVOID BATTERY LEAKAGE**

- The batteries used with this product are small parts and should be kept away from small children who still put things in their mouths. If they are swallowed, promptly see a doctor and have the doctor phone American Association of Poison Control Centers (1-800-222-1222).
- Always purchase the correct size and grade of battery most suitable for intended use.
- Do not mix old and new batteries, alkaline, standard (Carbon - Zinc) or rechargeable (Nickel-cadmium) batteries.
- Clean the battery contacts and those of the device prior to battery installation.
- Ensure the batteries are installed correctly with the regard to polarity (+ and -).
- Always remove batteries if consumed or if product is to be left unused for a long time.

**FCC Statement**

This device complies with the 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.

Caution: changes or modifications 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 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 experienced radio/ TV technician for help.

RF warning statement:  
 The device has been evaluated to meet general RF exposure requirement. The device can be used in portable exposure condition without restriction.

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Keep All Relevant Information for Future Reference **Item# SA-0201**

