7-IN-1 WIRELESS WEATHER STATION WITH WI-FI®, BUILT-IN SOLAR PANEL, AND 5.7" FULL-COLOR LCD DISPLAY

LOWSCB711SAB

Thank you for purchasing the **7-in-1 Wireless Weather Station with Wi-fi®, Built-In Solar Panel, and 5.7" Full-Color LCD Display**. This User Guide is intended to provide you with guidelines to ensure that operation of this product is safe and does not pose risk to the user. Any use that does not conform to the guidelines described in this User Guide may void the limited warranty.

Please read all directions before using the product and retain this guide for reference. This product is intended for household use only. It is not intended for commercial use.

This product is covered by a limited one-year warranty. Coverage is subject to limits and exclusions. See warranty for details.

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SAFETY PRECAUTIONS

WARNING! Please read and understand all safety precautions, operating instructions, and care/maintenance instructions before operating this appliance. Keep this manual for future reference.

- This product is not a toy. Keep out of the reach of children.
- This product is designed for use in the home only as an indication of weather conditions. This product is not to be used for medical purposes or public information.
- Do not clean the unit with abrasive or corrosive materials.
- Do not place the appliance near open flames or heat sources. Fire, electric shock, product damage, or injury might occur.
- Only use fresh, new batteries in the product. Do not mix new and old batteries together.
- Do not disassemble, alter, or modify the product.
- Only use attachments or accessories with this product specified by the manufacturer.
- Do not submerge the unit in water. Dry the product with a soft cloth if liquid spills on it.
- Do not subject the unit to excessive force, shock, duct, extreme temperature, or humidity.
- Do not cover or block the ventilation holes with any objects.
- This console of this product is intended to be used indoors only.
- This product is only suitable for mounting at heights less than 6.6 ft. (2 m).
- Do not tamper with the unit's internal components. Tampering with the product will void the warranty.
- Batteries are not included. When inserting batteries, make sure that the positive and negative polarities match with the markings in the compartment.
- Do not mix standard, alkaline, and rechargeable batteries together.
- Leaving a battery exposed to extremely high temperatures in the surrounding environment can result in an explosion or leakage of flammable liquid or gas.
- Leaving a battery exposed to extremely low air pressure in the surrounding environment can result in an explosion or leakage of flammable liquid or gas.

TIPS FOR SENSOR SITE SELECTION

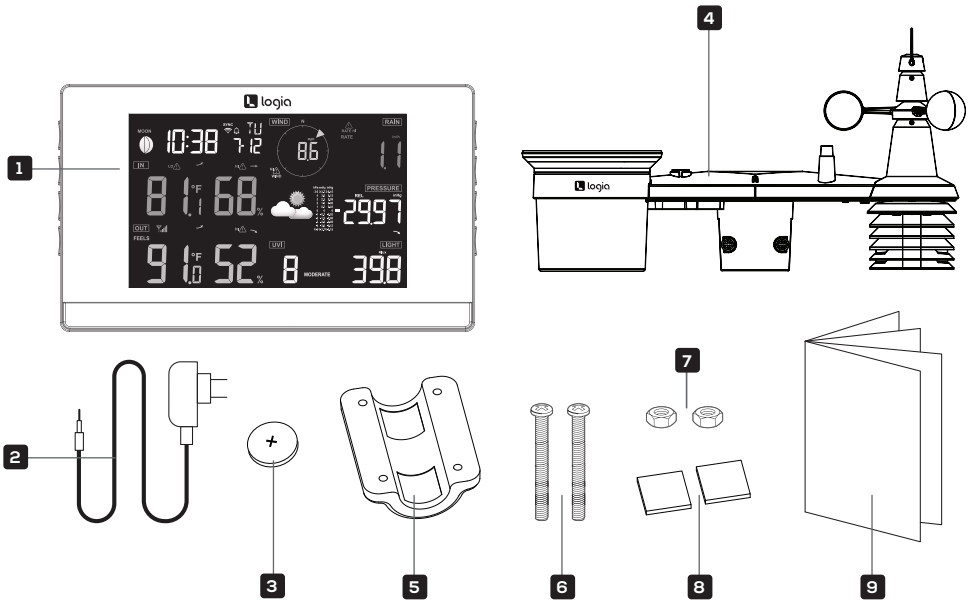
- Rain collector must be cleaned every few months.
- Batteries in the sensor must be changed every two to two and a half (2 – 2.5) years.
- Sensor should be installed at least 5' (1.5 m) away from any building or structure.
- Choose a location in an open space under direct sunlight with no obstructions.
- The sensor should remain in line of sight and within 450' (150 m) of the console for consistent, steady transmission.
- Keep your sensor and console away from household appliances that operate on the same frequency. The console and sensor should be at least 3' – 7' (1 – 2 m) away from such interferences.

QUESTIONS OR PROBLEMS? CONTACT US!
Email: info@supportcbp.com or call: 1-833-815-0568
www.logiaweatherstation.com

PRODUCT FEATURES

- Wireless 7-in-1 weather sensor measures wind speed, wind direction, rainfall, UV index, light intensity, temperature, and humidity
- No calibration needed! The product is fully pre-calibrated and mostly assembled; all you need to do is install and sync it with the included display console
- Provides precise weather and environmental information directly from your backyard, instead of relying on a national weather station
- 5.7" LCD display screen
- Syncs via Wi-Fi® to online weather servers
- Compatible with the user-friendly WSLink app

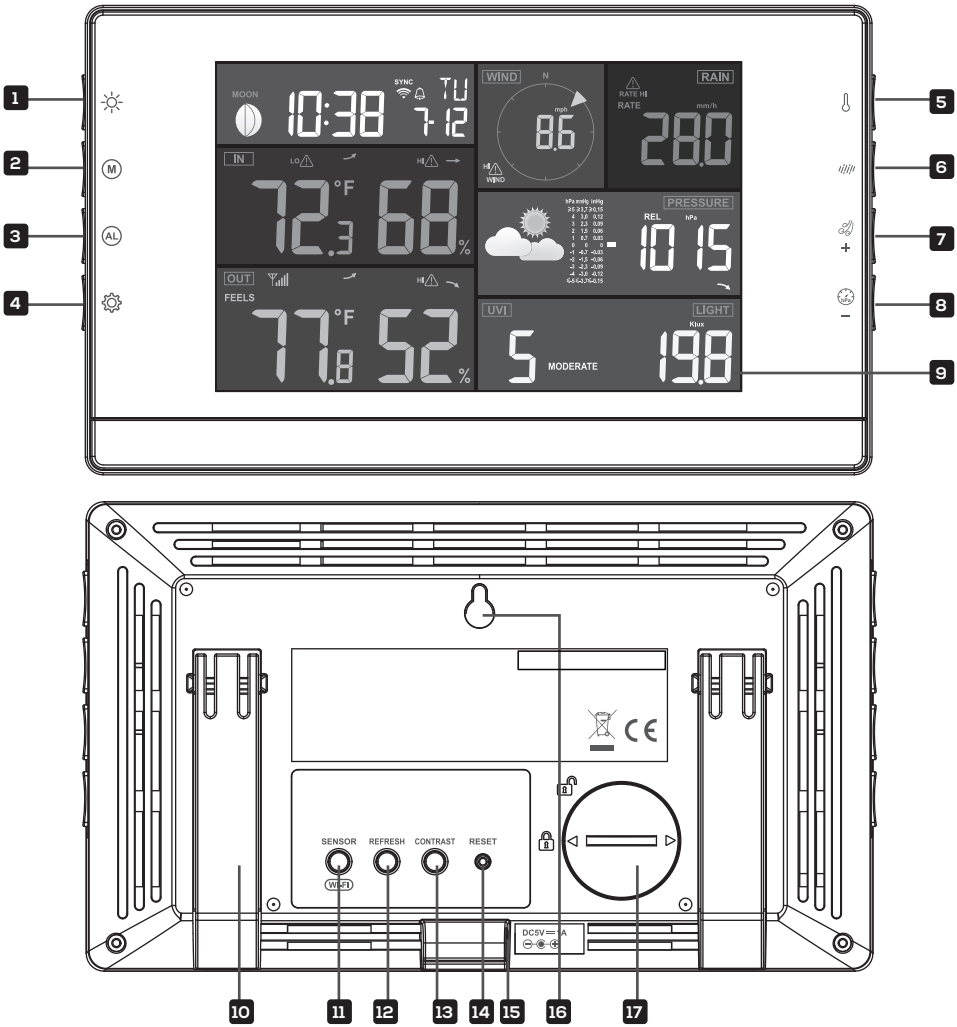
PACKAGE CONTENTS



1. Weather display console
2. Console power adapter
3. Console CR2032 battery
4. 7-in-1 outdoor weather sensor
5. Mounting clamp
6. 2 x screws (for clamp)
7. 2 x hexagonal nuts (for clamp)
8. 2 x rubber pads (for clamp)
9. User guide

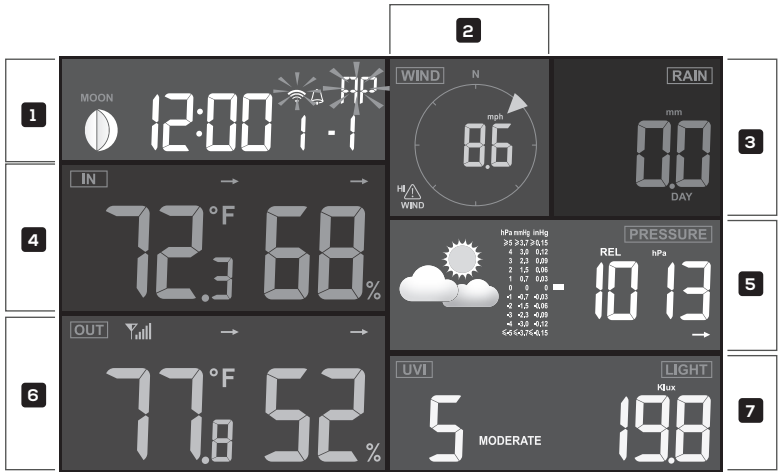
PRODUCT OVERVIEW

WEATHER CONSOLE OVERVIEW



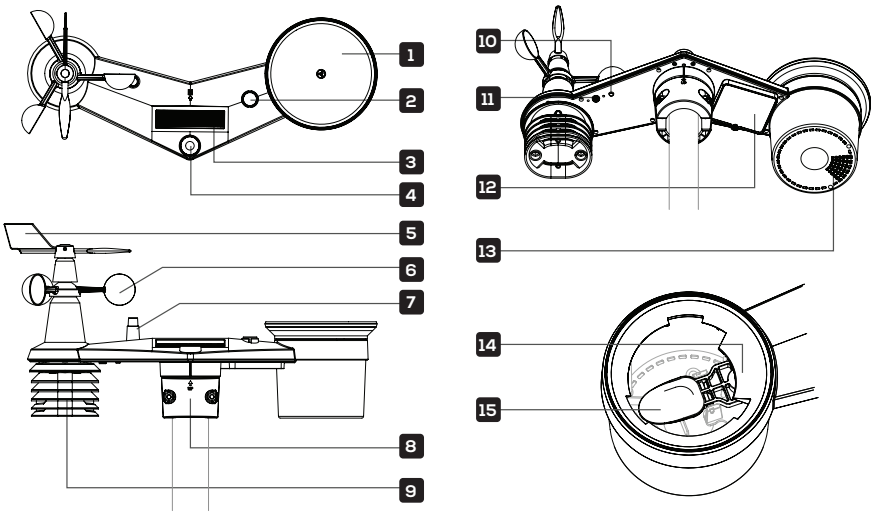
1. Backlight/Snooze button
2. Memory button
3. Alarm button
4. Set button
5. Index button
6. Rain button
7. +/Wind button
8. -/Baro button
9. Display screen
10. Kickstand
11. Sensor/Wi-Fi button
12. Refresh button
13. Contrast button
14. Reset button
15. Power jack
16. Wall mounting hole
17. Battery compartment

LCD DISPLAY OVERVIEW



1. Time & date, moon phase
2. Wind speed & direction
3. Rainfall & rain rate
4. Indoor temperature & humidity
5. Weather forecast & pressure
6. Outdoor temperature & humidity
7. UV and light intensity

WIRELESS SENSOR OVERVIEW



1. Rain collector
2. Balance indicator
3. Solar panel
4. UV/Light sensor
5. Wind vane
6. Wind cups
7. Antenna
8. Mounting clamp
9. Radiation shield and hygro-thermo sensor
10. Red LED indicator
11. Reset button
12. Battery door
13. Drain holes
14. Rain sensor
15. Tipping bucket

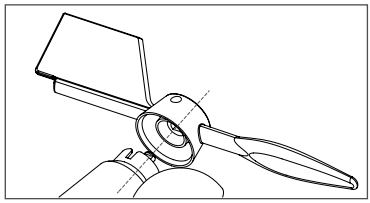
INSTALLATION INSTRUCTIONS

SETTING UP THE WIRELESS 7-IN-1 OUTDOOR SENSOR

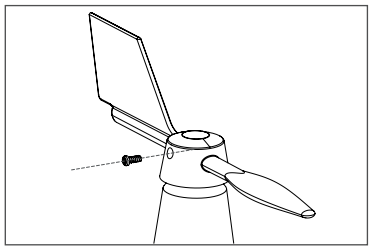
The wireless 7-in-1 outdoor sensor measures wind speed, wind direction, rainfall, UV, light intensity, temperature, and humidity for you.

Installing the Wind Vane

1. Place and press the wind vane piece down onto the shaft.

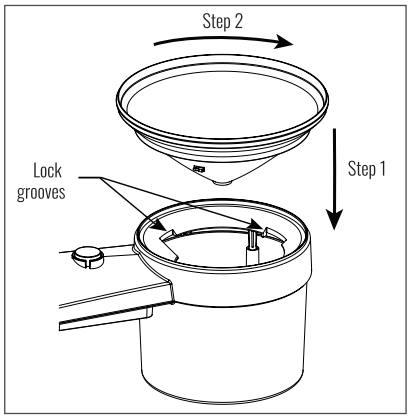


2. Fasten the wind vane piece to the shaft using the included screw and a screwdriver (not included).

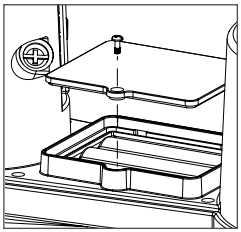


Installing the Rain Funnel

1. Align the lock grooves on the rain funnel with the lock grooves in the rain collector.
2. Lower the rain funnel onto the rain collector. Then, turn the rain funnel clockwise to lock it in place.



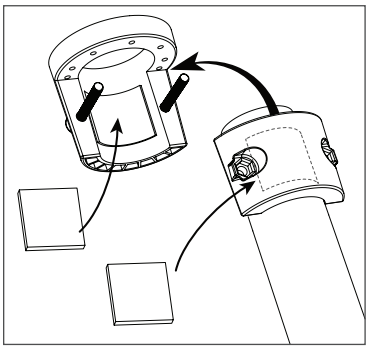
Installing the Batteries



1. Unscrew the battery door at the bottom of the 7-in-1 outdoor sensor using a screwdriver (not included).
2. Insert three (3) AA batteries (not included) into the battery compartment.
3. Close and fasten the battery door back on the compartment.

   NOTE: The LED light will flash red every 12 seconds.

Mounting the Sensor on a Pole



1. Stick the rubber pads on the inside of the mounting clamp and mounting base of the sensor.
2. Insert two (2) screws into the mounting base and clamp. Then, loosely tighten the screws using included nuts.
3. Place the mounting fixture over a pole (not included).
4. Tighten all the screws so the sensor sits firmly and securely on the pole.

   NOTES: Place the mounting base and clamp on a steel pole or post with a 1.2″ – 1.6″ (30 – 40 mm) diameter and is a minimum of 6.6′ (2 m) off the ground.

   When setting up the outdoor sensor, make sure the north (N) marker on the sensor is facing north.

   When placing the outdoor sensor, make sure it is within 328′ (100 m) of the display console.

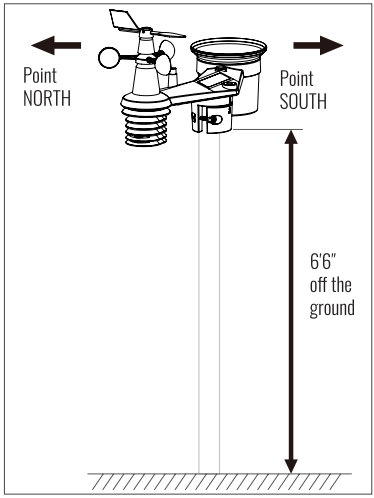
Pointing the Wireless 7-in-1 Outdoor Sensor to South (Optional)

The outdoor wireless weather sensor is calibrated to be pointed north for maximum accuracy. However, for your convenience, if you are a user located in the Southern Hemisphere, you can use the sensor with the wind vane pointing south.

1. Mount and install the wireless weather sensor with the N marker (near the rain collector) pointing South, instead of North. (Please refer to Mounting the Sensor on a Pole for mounting instructions.)
2. Set hemisphere to South in the Time & Date settings. (Please refer to section for setup details)

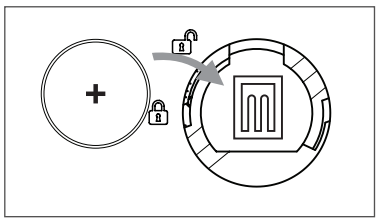
NOTES: Changing the hemisphere setting will automatically switch the direction of the moon phases on the display.

Pointing the wireless weather sensor toward the south will allow maximum sunlight on the solar panel, especially during the winter season in the Southern Hemisphere.



SETTING UP THE DISPLAY CONSOLE

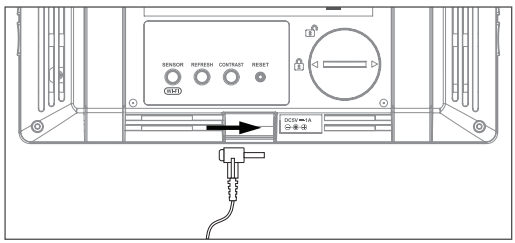
Installing the Batteries



1. Remove the battery door on the back of the console.
2. Insert a CR2032 battery (included) into the compartment.
3. Place the battery door back onto the compartment and twist it in place.

NOTE: Remove the battery if you plan to store the display console for a long period of time.

Powering Up the Console

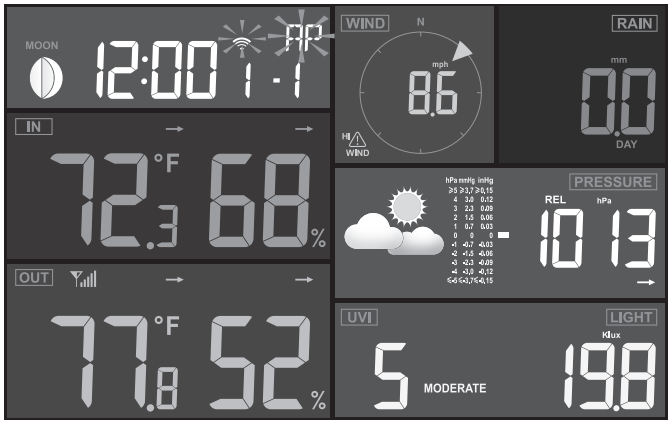


1. Connect the power adapter to the console.
2. Plug the other end of the power adapter into a power outlet to turn on the console.

NOTE: If nothing appears on the display after connecting the power adapter, then press the RESET button using a pin.

Pairing the Console with the Wireless 7-in-1 Sensor

1. Once your display console powers on, it should automatically enter AP mode and search for the wireless weather sensor. If the console does not connect within the first 15 minutes, press the SENSOR/WIFI button to manually pair the sensor and console.
2. Once the pairing process is complete, the antenna icon will appear blinking and the readings for outdoor temperature, humidity, wind speed, wind direction, UV, light intensity, and rainfall will appear in their designated sections of the LCD display.



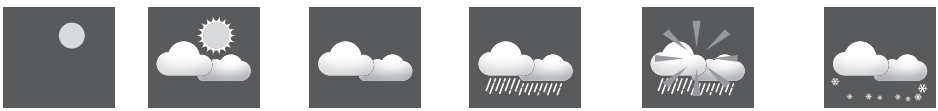
Data Clearing

Sensors within the 7-in-1 outdoor sensor may activate incorrectly during installation. Press the RESET button once to restart the console and clear all erroneous data.

OPERATING INSTRUCTIONS

FORECAST

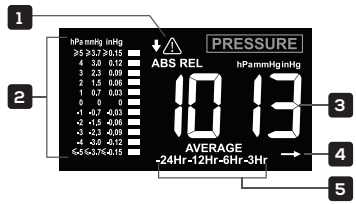
Based on the data collected, the console indicates the weather forecasts in the coming 12 – 24 hours within a 19 ~ 31-mile (30 ~ 50 km) radius.



SUNNY | PARTLY CLOUDY | CLOUDY | RAINY | RAINY / STORMY | SNOWY

BAROMETRIC PRESSURE

The atmospheric pressure is the pressure at any location of the earth caused by the weight of the column of air above it.



1. Pressure drop alert indicator
2. Rate of change graph for the barometric pressure
3. Barometric pressure reading
4. Barometric pressure trend
5. Average hourly pressure of 3, 6, 12, or 24 hours ago

Viewing Pressure History

In normal mode, press the BARO button to view the average hourly pressure of 3, 6, 12, and 24 hours ago.

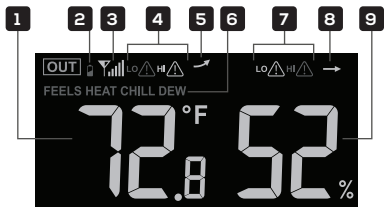
Absolute or Relative Barometric Pressure Mode

While in normal mode, press and hold the BARO button for two (2) seconds to switch between ABSOLUTE and RELATIVE barometric pressure.

- ABS is absolute atmospheric pressure of your location.
- REL is relative atmospheric pressure based on the sea.

TEMPERATURE & HUMIDITY

Outdoor Temperature & Humidity



1. Outdoor temperature reading
2. Outdoor sensor low battery indicator
3. Outdoor sensor signal indicator to show the signal receiving strength
4. Outdoor temperature high/low alert indicator
5. Outdoor temperature trend
6. Temperature index indicator
7. Outdoor humidity high/low alert indicator
8. Outdoor humidity trend
9. Outdoor humidity reading

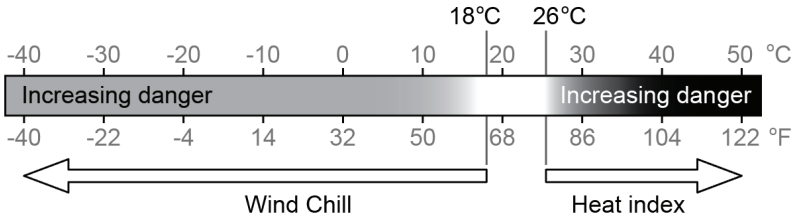
NOTE: If temperature/humidity is below the measurement range, the reading will show "Lo". If temperature/humidity is above the measurement range, the reading will show "HI".

Outdoor Temperature Index

Press the INDEX button to switch between Feels Like, Heat Index, Wind Chill, and Dew Point.

Feels Like

The Feels Like temperature index determines what temperature it actually feels like outside, taking into account factors like wind chill and the heat index.



Heat Index

The heat index is determined by the wireless weather sensor's temperature and humidity readings when the temperature is between 79 °F (26 °C) and 120 °F (50 °C).

Heat Index Range	Warning	Explanation
81 °F – 90 °F (27 °C – 32 °C)	Caution	Possibility of heat exhaustion
91 °F – 104 °F (33 °C – 40 °C)	Extreme caution	Possibility of heat dehydration
106 °F – 129 °F (41 °C – 54 °C)	Danger	Heat exhaustion highly likely
≥ 131 °F (≥ 55 °C)	Extreme danger	Strong risk of dehydration/ heatstroke

Wind Chill

Wind chill is determined by a combination of the wireless weather sensor's temperature and wind speed data.

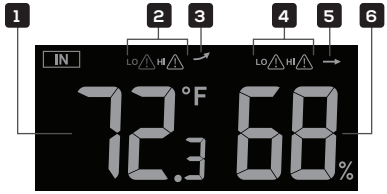
Dew Point

The dew point is the temperature below which the water vapor in air at constant barometric pressure condenses into liquid water at the same rate at which it evaporates. The condensed water is called dew when it forms on a solid surface.

The dew point temperature is determined by the temperature and humidity data from the wireless weather sensor.

Indoor Temperature & Humidity

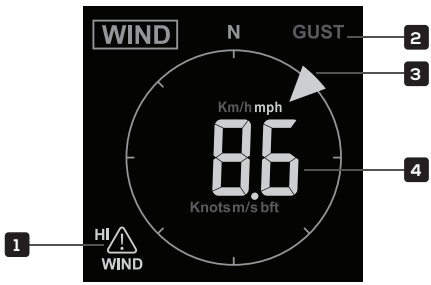
This section can show reading and status of the sensor of the console.



1. Indoor temperature reading
2. Indoor temperature high/low alert indicator
3. Indoor temperature trend
4. Indoor humidity high/low alert indicator
5. Indoor humidity trend
6. Indoor humidity reading

WIND

Wind Speed and Direction Overview



1. High wind speed alert indicator
2. Gust indicator
3. Real-time wind direction indicator (16 points)
4. Average/gust wind speed or Beaufort scale

Wind Speed, Gust, and Beaufort Scale Display

Press the WIND button to switch between the average wind speed measurement, gust wind speed measurement, and BFT measurement.

- AVERAGE: The AVERAGE wind speed will display the average of all wind speed numbers recorded in the previous 12 seconds.
- GUST: The GUST wind speed will display the highest wind speed recorded in the previous 12 seconds.
- BFT: The Beaufort scale of current wind speed will be displayed.

Beaufort Scale Index

The Beaufort scale below is an international scale of wind velocities from 0 (Calm) to 12 (Hurricane force).

Beaufort Scale	Description	Wind Speed	Land Condition
0	Calm	< 1 km/h	Calm. Smoke rises vertically.
		< 1 mph	
		< 1 knots	
		< 0.3 m/s	
1	Light air	1.1 ~ 5km/h	Smoke drift indicates wind direction. Leaves and wind vanes are stationary
		1 ~ 3 mph	
		1 ~ 3 knots	
		0.3 ~ 1.5 m/s	
2	Light breeze	6 ~ 11 km/h	Wind felt on exposed skin. Leaves rustle. Wind vanes begin to move.
		4 ~ 7 mph	
		4 ~ 6 knots	
		1.6 ~ 3.3 m/s	
3	Gentle breeze	12 ~ 19 km/h	Leaves and small twigs constantly moving, light flags extended.
		8 ~ 12 mph	
		7 ~ 10 knots	
		3.4 ~ 5.4 m/s	
4	Moderate breeze	20 ~ 28 km/h	Dust and loose paper raised. Small branches begin to move.
		13 ~ 17 mph	
		11 ~ 16 knots	
		5.5 ~ 7.9 m/s	
5	Fresh breeze	29 ~ 38 km/h	Branches of a moderate size move. Small trees in leaf begin to sway.
		18 ~ 24 mph	
		17 ~ 21 knots	
		8.0 ~ 10.7 m/s	

6	Strong breeze	39 ~ 49 km/h 25 ~ 30 mph 22 ~ 27 knots 10.8 ~ 13.8 m/s	Large branches in motion. Whistling heard in overhead wires. Umbrella use becomes difficult. Empty plastic bins tip over.
7	High wind	50 ~ 61 km/h 31 ~ 38 mph 28 ~ 33 knots 13.9 ~ 17.1 m/s	Whole trees in motion. Effort needed to walk against the wind.
8	Gale	62 ~ 74 km/h 39 ~ 46 mph 34 ~ 40 knots 17.2 ~ 20.7 m/s	Some twigs broken from trees. Cars veer on road. Progress on foot is seriously impeded
9	Strong gale	75 ~ 88 km/h 47 ~ 54 mph 41 ~ 47 knots 20.8 ~ 24.4 m/s	Some branches break off trees, and some small trees blow over. Construction /temporary signs and barricades blow over.
10	Storm	89 ~ 102 km/h 55 ~ 63 mph 48 ~ 55 knots 24.5 ~ 28.4 m/s	Trees are broken off or uprooted, structural damage likely.
11	Violent storm	103 ~ 117 km/h 64 ~ 73 mph 56 ~ 63 knots 28.5 ~ 32.6 m/s	Widespread vegetation and structural damage likely.
12	Hurricane force	≥ 118 km/h ≥ 74 mph ≥ 64 knots ≥ 32.7m/s	Severe widespread damage to vegetation and structures. Debris and unsecured objects are hurled about.

RAIN

This section shows the rainfall or rain rate information.

1. Rain rate high alert indicator
2. Period of rainfall and rain rate
3. Reading of rainfall or rain rate

Select the Rainfall Display Mode

Press the RAIN button to toggle between:

- RATE: current rainfall rate
- DAILY: total rainfall since midnight
- WEEKLY: total rainfall for the current week
- MONTHLY: total rainfall since the beginning of the current month
- TOTAL: total rainfall since the last reset
- EVENT: continuous rain and resets to zero if rainfall accumulation is less than 0.039" (10 mm) in a 24-hour period

Reset the Rainfall Records

While in normal mode, press and hold the RAIN button for six (6) seconds to reset the rainfall records

UV & LIGHT INTENSITY

This section shows UV index and sunlight intensity.

UV Index & Exposure Level

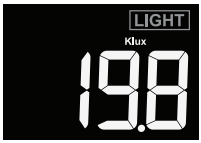
1. UV index
2. UV exposure level

UV Index VS Sunburn Time Chart

Exposure level	Low		Moderate			High		Very high			Extreme	
UV index	1	2	3	4	5	6	7	8	9	10	11	12~16
Sunburn time	N/A		45 minutes			30 minutes		15 minutes			10 minutes	
Recommended protection	N/A		Moderate or high UV level! Suggest to wear sunglasses, broad brim hat and long-sleeved clothing.					Very high or Extreme UV level! Suggest to wear sunglasses, broad brim hat and long-sleeved clothing, If you have to stay outdoors, make sure to seek shade.				

Light Intensity

Sunlight intensity



MAX/MIN

MAX/MIN Data Record

The display console can record the daily MAX/MIN weather data or MAX/MIN data since last reset.

The console can record MAX / MIN readings since last reset and on daily basic.	MAX	MIN	DAILY MAX	DAILY MIN
	MAX reading since last reset	MIN reading since last reset	Daily MAX reading	Daily MIN reading

To View the Daily and Since MAX/MIN Records

While in normal operating mode, press the MEMORY button to cycle through the MAX/MIN records. Records are displayed in the following order:

Since MAX records → Since MIN records → Daily MAX records → Daily MIN records

Reset the Total MAX/MIN Records

Press and hold the MAX/MIN button for two (2) seconds to reset the MAX/MIN records.

MOON PHASE

Hemisphere	Moon Phase	Southern Hemisphere
	New Moon	
	Waxing Crescent	
	First quarter	
	Waxing Gibbous	
	Full Moon	
	Waning Gibbous	
	Third quarter	
	Waning Crescent	

The sun-lit area of the moon moves from right to left in the Northern Hemisphere, while in the Southern Hemisphere, it moves from left to right. This table illustrates how the moon will appear on the console.

WIRELESS SIGNAL RECEPTION

The display console shows the signal strength for the outdoor wireless sensor:

No signal	Weak signal	Good signal
		

- If the sensor signal is lost and isn't recovered within 15 minutes, the signal icon will disappear. The temperature and humidity will display "Er" for the corresponding channel.
- If the sensor signal isn't recovered within 48 hours, the "Er" display will become permanent. If this happens, you need to replace the batteries and then press the SENSOR/WI-FI button to pair up the sensor again.

TIME SYNCHRONIZE STATUS

After the console has connected to the time server, it can get the UTC time. The “SYNC” icon will appear on the LCD with the time.

NOTE: The time will automatically synchronize per hour. Users can also press the REFRESH button to get the internet time manually within one (1) minute.

WI-FI CONNECTION STATUS

The Wi-Fi icon on the console display indicates the console’s connection status with the Wi-Fi router.

Stable: Console is connected to the Wi-Fi router

Flashing: Console is trying to connect to the Wi-Fi router

OTHER SETTINGS

Time, Date, Unit, and More

Press and hold the SET button for two (2) seconds to enter the setting mode. Press the +/WIND or -/BARO button to adjust the setting and press the SET button again to save and proceed with the next step of the setting. Refer to the chart below for the order of settings.

Step	Mode	How to adjust
1	DST (Daylight Saving Time)	Press the +/WIND or -/BARO button to select AUTO/ON/OFF. AUTO automatically adjusts based on time zone. ON adds one hour on the current default time. OFF turns off the DST function.
2	Time	Press the +/WIND or -/BARO button to adjust the minute/hour.
3	12/24-hour format	Press the +/WIND or -/BARO button to select the 12-hour or 24-hour format.
4	Year	Press the +/WIND or -/BARO button to adjust the year.
5	Date	Press the +/WIND or -/BARO button to adjust the day/month.
6	M-D/D-M format	Press the +/WIND or -/BARO button to select “Month/Day” or “Day/Month” format.
7	Time sync ON/OFF	Press the +/WIND or -/BARO button to enable or disable the time sync function.
8	Hemisphere	Press the +/WIND or -/BARO button to select North/South hemisphere for moon phase and wireless sensor array point to direction.
9	Weekday language	Press the +/WIND or -/BARO button to select weekday display language.

10	Temperature unit	Press the +/WIND or -/BARO button to select °C or °F.
11	Baro pressure unit	Press the +/WIND or -/BARO button to select hPa, mmHg, or inHg.
12	Wind speed unit	Press the +/WIND or -/BARO button to select m/s, knots, mph, or km/h.
13	Rain unit	Press the +/WIND or -/BARO button to select mm or in.
14	Light unit	Press the +/WIND or -/BARO button to select Klux, Kfc, or W/m2.
15	Exit setting mode	Press the SET button once more to exit.

NOTES: While in normal mode, press the SET button to switch between the year and date display.

During these settings, you can go back to normal mode by pressing and hold the SET button for two (2) seconds.

Press and hold the +/WIND or -/BARO button to move through selections quickly.

Setting Alarm Time and High/Low Weather Alert

In normal time mode, press and hold the ALARM button for two (2) seconds to enter alarm/alert setting mode.

Alarm time setting

Hi alert setting

Lo alert setting

Then, press the SET button again to save and proceed with the next step of the setting.

Step	Mode	How to adjust
1	Time alarm	Press the +/WIND or -/BARO button to adjust the time. Press the ALARM button to toggle the alarm on or off.
2	IN temperature high alert	Press the +/WIND or -/BARO button to adjust the indoor temperature high alert value. Press the ALARM button to toggle the alarm on or off.
3	IN temperature low alert	Press the +/WIND or -/BARO button to adjust the indoor temperature low alert value. Press the ALARM button to toggle the alarm on or off.
4	IN humidity high alert	Press the +/WIND or -/BARO button to adjust the indoor humidity high alert value. Press the ALARM button to toggle the alarm on or off.
5	IN humidity low alert	Press the +/WIND or -/BARO button to adjust the indoor humidity low alert value. Press the ALARM button to toggle the alarm on or off.
6	OUT temperature high alert	Press the +/WIND or -/BARO button to adjust the outdoor temperature high alert value. Press the ALARM button to toggle the alarm on or off.
7	OUT temperature low alert	Press the +/WIND or -/BARO button to adjust the outdoor temperature low alert value. Press the ALARM button to toggle the alarm on or off.

8	OUT humidity high alert	Press the +/WIND or -/BARO button to adjust the outdoor humidity high alert value. Press the ALARM button to toggle the alarm on or off.
9	OUT humidity low alert	Press the +/WIND or -/BARO button to adjust the outdoor humidity low alert value. Press the ALARM button to toggle the alarm on or off.
10	Wind speed high alert	Press the +/WIND or -/BARO button to adjust the wind speed high alert value. Press the ALARM button to toggle the alarm on or off.
11	Rain rate high alert	Press the +/WIND or -/BARO button to adjust the rain rate high alert value. Press the ALARM button to toggle the alarm on or off.
12	Pressure drop alert	Press the +/WIND or -/BARO button to adjust the pressure drop alert value. Press the ALARM button to toggle the alarm on or off.
13	Exit setting mode	Press the SET button once more to exit.

NOTES: When you turn on the time alarm, the "🔔" icon will display in the time section.

When you turn on the weather alert, the "⚠" icon will display on the top of the reading.

View Alarm Time and Weather Alert Value

1. In normal mode, press the ALARM button to show the alarm time.
2. When the alarm time displays, press the ALARM button again to show the high alert value.
3. Press the ALARM button again to show the low alert value.

Alarm Operation

If you set the time alarm, and reach the time that you set, the alarm sound will start. This can be stopped by the following operation:

- Auto-stop after two (2) minutes alarming if without any operation and the alarm will activate again the next day.
- By pressing the BACKLIGHT/SNOOZE button to enter snooze that the alarm will sound again after five (5) minutes.
- By pressing and holding the BACKLIGHT/SNOOZE button for two (2) seconds or pressing the ALARM button to stop the alarm and will activate again the next day.

NOTE: During the snooze, the alarm icon "🔔" will keep flashing.

Weather Alert Operation

If you set the weather alert, and this value is out of the setting range, alarm sound will start and the related weather reading will flash. This can be stopped by the following operation:

- Auto-stop once the value back to the range.
- By pressing the BACKLIGHT/SNOOZE or ALARM button to stop the sound.

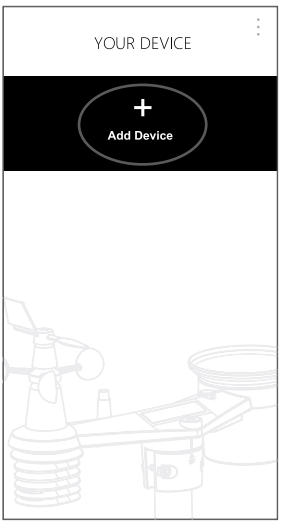
Backlight Function

The console backlight brightness can be adjusted by using the BACKLIGHT/SNOOZE button to toggle between Hi, Lo, or Off.

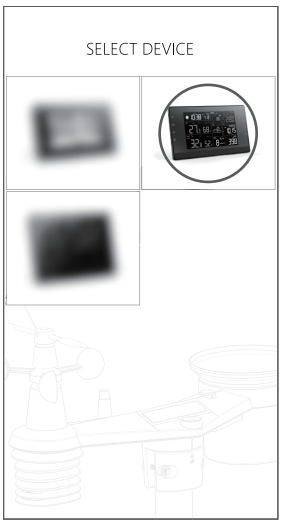
LEARNING THE WSLINK APP

Set Up the WSLink App

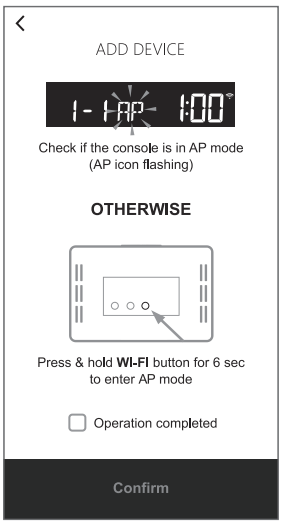
1. Download the WSLINK App to your mobile device from the Google Play™ or App Store®.
2. Make sure the console is in AP mode. Press and hold the SENSOR/WI-FI button for six (6) seconds to manually enter AP mode.



3. Open the WSLink app and tap “Add Device”.

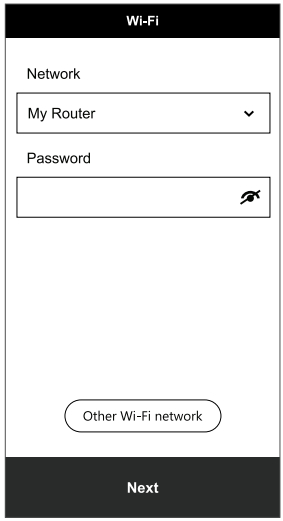


4. Select your device.



5. Go to your Wi-Fi list in your mobile device setting and select the console.
6. Go back to the app and check the “Operation completed” box. Then, tap “Confirm”.

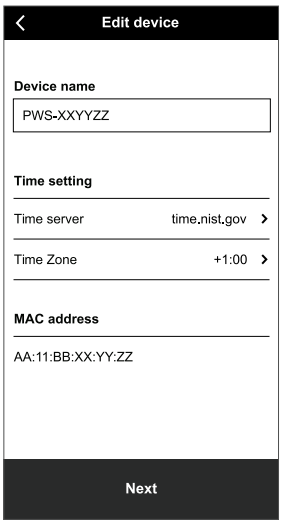
NOTE: Make sure your mobile device is within range of the console when connecting the two together.



7. Once you are in the app settings, tap “Wi-Fi”.
8. Enter the name and password of your Wi-Fi network. Then, tap “Next”.
9. Wait a few minutes for your console to connect to your Wi-Fi network.

NOTE: Be aware that you will need to put the console in AP mode and reconnect the console and your mobile device every time you wish to reenter app settings.

Edit Device

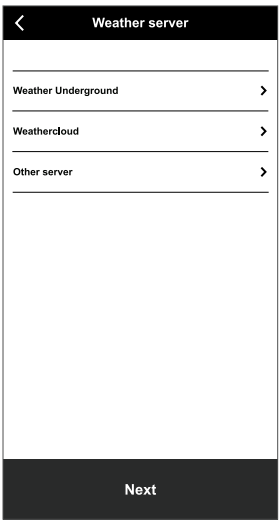


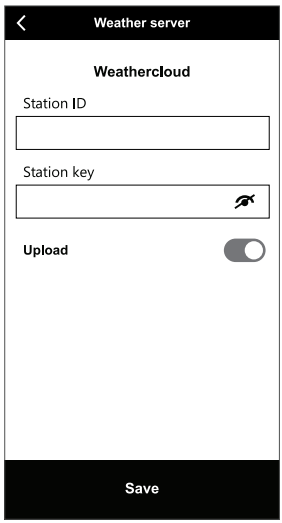
Go to “Edit Device” to change the name of your device, select a time server, or select the time zone of your location.

Weather Server

Go to “Weather Server” to select a weather server where you can view the weather data of your device from an online weather server.

NOTE: You must create an account or log in to your existing account in order to view your weather data.

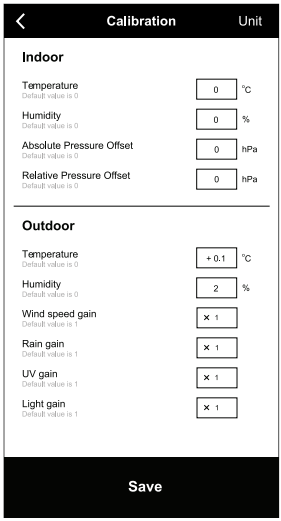




1. First, select the weather server you wish to connect to.
2. Register or log in your account of that server.
3. Enter the Station ID and key obtained from the weather server into the app.
4. Make sure “Upload” is enabled.
5. Tap “Save”.

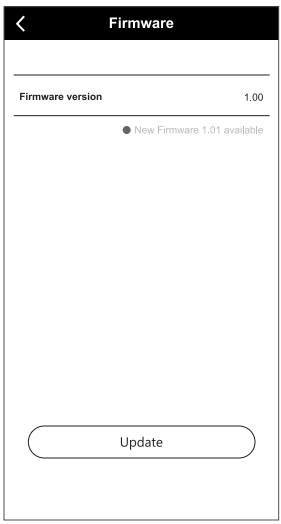
Calibration

Go to “Calibration” to recalibrate your console.



Firmware

Go to “Firmware” to view the current firmware version and to see if there is a new firmware update available.



CREATE WU/WC ACCOUNT & SET UP WI-FI® CONNECTION

The console can upload/download weather data to Weather Underground (WU) and/or Weathercloud (WC) through a Wi-fi router, follow the steps below to set up your account and connection.

Create Your Weather Underground Account

1. Visit the Weather Underground website at https://www.wunderground.com and click the "Join" on the top right corner to open the registration page. Follow the instructions to create an account.

   NOTE: Please use a valid email address to register your account.
2. Click the "My Profile" button on the top to open the drop-down menu and click "My Weather Station".
3. On the "My Weather Station" page, press the "Add New Device" button to add your device.
4. In the "Select a Device Type" section, choose "Other" from the list, then press "Next".
5. In the "Set Device Name & Location" section, select your location on the map, then press "Next".
6. Enter your weather station information in the "Tell Us More About Your Device" section. Then, click the "Next" button.
7. Memorize your Station ID and key for future setup.
8. Select the Weather underground in first or second row of the Weather server setup section then enter in your Station ID and key that was assigned by Weather underground.

Create Your Weathercloud Account

1. Visit the Weather Underground website at https://www.wunderground.com and click the "Join" on the top right corner to open the registration page. Follow the instructions to create an account.

   NOTE: Please use a valid email address to register your account.
2. Sign into Weathercloud and then go to the "Devices" page. After, click "+ New" to add new device.
3. Enter all the information in the "Create new device" page. Once you fill in all the information, click "Create".
4. Memorize your Station ID and key for future setup.
5. Select the Weather underground in first or second row of the Weather server setup section then enter in your Station ID and key that was assigned by Weather underground.

Setting Up Wi-Fi® Connection

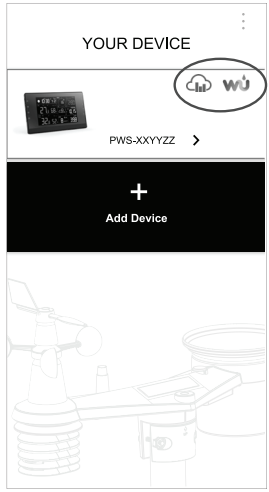
When you first power up the console, the console LCD display will show the "AP" flashing and the icon to signify that it has entered Access Point (AP) mode. The user can also press and hold the SENSOR/ WI-FI button for six (6) seconds to enter AP mode manually. At this time, the console is ready for the Wi-Fi® settings to be adjusted.

Use your smartphone, tablet, or computer to connect to the console via Wi-Fi® by following these steps:

1. On PC, open your Wi-Fi® network settings. On Android™ or iOS devices, go to the settings menu and then select Connections/WI-FI to open the network settings.
2. Locate the display console's SSID from the list. It should appear as PWS-XXXXXX (where all the X's are integers) in the list. Tap on the SSID to connect. This step will take several seconds.
3. Once you are connected to the display console, open your internet or mobile web browser, and enter the following address into the address bar: http://192.168.1.1 (make sure to include the http:// or else the web browser may interpret the address as a search query). We recommend using the latest version of reputable web browsers.

VIEWING WEATHER DATA VIA WSLINK APP

With WSLink app, users may tap the Weather Underground and/or Weathercloud icon on the "Your Device" screen to directly access live weather data on their dashboard respectively. The app will redirect them to the weather server website where users can register or log in to their account to view their weather data.



UPDATING THE FIRMWARE

This display console supports OTA (over the air) Function Firmware and will update whenever necessary through the WSLink app. The update function for both types of updates can be found at the bottom of the Advanced Tab on the wireless settings interface (see Advanced Settings via Web Interface).

Follow the steps below to update your device's firmware:

1. Firmware will automatically download to your mobile device once your console is connected to the app.
2. Follow the in-app instructions to transfer the file from your mobile device to the console.
3. Once the file is transferred, the console will start to update.
4. The console will restart once the update is complete.
5. The console will stay in AP mode for you to check the firmware version. Press and hold the SENSOR/WI-FI button for six (6) seconds to exit AP mode.

NOTES: Make sure the power cable remains connected during the update process.

Make sure your Wi-Fi connection is stable.

Once the update process starts, do not try to do anything else on your mobile device or console.

CARE/MAINTENANCE

BATTERY REPLACEMENT

If the low battery indicator icon is displayed near the antenna icon of the sensor(s), this indicates that the batteries in your wireless weather sensor(s) are running low and should be replaced. Make sure to replace all batteries at the same time.

FACTORY RESET

- To reset the console and start again, press the RESET button once or remove the backup battery and then unplug the adapter.
- To revert back to factory settings and remove all data, press and hold the RESET button for six (6) seconds.

REPLACING THE WIND CUP

1. Remove the rubber cup and unscrew the wind cups.
2. Remove the wind cups for the new replacement.
3. Install the rain collector when it is clean and fully dried.

REPLACING THE WIND VANE

Unscrew and remove the wind vane for the new replacement.

CLEANING THE RAIN FUNNEL

1. Unscrew the rain funnel by turning the rain funnel counterclockwise.
2. Gently remove the rain funnel.
3. Clean and remove any debris or insects from the rain funnel.
4. Install the rain funnel when it is clean and fully dried.

CLEANING THE UV SENSOR AND CALIBRATION

- For precision UV measurement, gently clean the UV sensor cover lens with a damp microfiber cloth.
- Over time, the UV sensor will naturally degrade. The UV sensor can be calibrated with a utility-grade UV meter.

CLEANING THE HYGRO-THERMO SENSOR

1. Remove the two (2) screws at the bottom of the radiation shield.
2. Gently remove the shield.

3. Carefully remove any dirt or insects on the sensor and ventilation fan (do not let the sensors inside get wet).
4. Clean the shield with water to remove any dirt or insects.
5. Install all the parts back when they are clean and fully dried.

TROUBLESHOOTING

Problem	Solution
The 7-in-1 wireless sensor is not connecting.	1. Make sure the sensor is within the transmission range. 2. If it still does not work, reset the sensor and resynchronize with the console.
Additional wireless sensor(s) are not connecting.	1. Make sure the sensor(s) is/are within the transmission range. 2. Make sure the channel displayed matches the channel selection on the sensor. 3. If it still does not work, reset the sensor and resynchronize with the console.
No Wi-fi connection	1. Check the WI-FI icon on the display, it should be on if connectivity is successful. 2. In the console SETUP page, make sure the WI-FI settings (router's name, security type, password) are correct. 3. Make sure you connect to 2.4G band of the WI-FI router (5G not supported).
Data isn't transferring to Weather Underground or Weathercloud.	1. In the console SETUP page, ensure your Station ID and Station Key are correct. 2. In the "Edit Devices" of the console on WU or WC, ensure the device's Mac address is entered correctly.
Rainfall data is not correct.	1. Make sure the rain collector is clean for the tipping bucket to tip smoothly. 2. Make sure the sensor has stable and level to ensure correct tipping.
The temperature is too high in the daytime.	1. Place the sensor in an open area and at least 4.9' (1.5 m) off the ground. 2. Ensure that the sensor is placed away from heat-generating sources or structures, such as buildings, pavement, walls, or air conditioning units.
Some condensation beneath the UV sensor may occur overnight.	This will disappear when the temperature rises up under the sun and will not affect the performance of the unit.

SPECIFICATIONS

DISPLAY CONSOLE	
GENERAL SPECIFICATIONS	
Product type:	Weather/environment sensor & console
Dimensions (W x H x D):	7.5" x 4.4" x 0.8" (190 x 113 x 20 mm) (without kickstand extended)
Weight:	0.7 lbs. (295 g) (with battery)
Power source:	DC 5 V, 1 A adapter
Backup battery:	CR2032
Operating temperature environment:	23 °F - 122 °F (-5 °C - 50 °C)
Adult assembly required for console:	No
Location use for console:	Indoor use
Additional tools required for console:	No
Country of origin:	China
Warranty included:	Yes
Warranty length:	1 year
WI-FI COMMUNICATION SPECIFICATIONS	
Wi-fi standard:	802.11 b/g/n
Wi-fi operating frequency:	2.4 GHz
Supported router security type:	WPA/WPA2, WPA3, OPEN, WEP (WEP only supports Hexadecimal password)
Websites:	https://www.wunderground.com https://weathercloud.net
App name:	WSLink
Support platforms:	Android and Apple
RF frequency:	915 MHz (US version)
RF transmission range:	492' (150 m)
TIME-RELATED FUNCTION SPECIFICATIONS	
Time display:	HH:MM
Hour format:	12 hr. AM/PM or 24 hr.
Date display:	DD/MM or MM/DD
Time synchronize method:	Internet time server
Weekday languages:	EN/DE/FR/ES/IT/NL/RU

BAROMETER SPECIFICATIONS	
Barometer unit:	hPa, inHg, mmHg
Measuring range:	540 ~ 1100 hPa
Accuracy:	(700 ~ 1100 hPa ± 5 hPa) / (540 ~ 696 hPa ± 8 hPa) (20.67 ~ 32.48 inHg ± 0.15 inHg) / (15.95 ~ 20.55 inHg ± 0.24 inHg) (525 ~ 825 mmHg ± 3.8 mmHg) / (405 ~ 522 mmHg ± 6 mmHg) Typical at 77 °F (25 °C)
Resolution:	1 hPa/0.01 inHg/0.1 mmHg
Memory modes:	Historical data for last 24 hrs., daily MAX/MIN
INDOOR TEMPERATURE DISPLAY & FUNCTION SPECIFICATIONS	
Temperature unit:	°C or °F
Accuracy:	< 32 °F ± 3.6 °F (< 0 °C ± 2 °C) 32 °F ± 1.8 °F (0 °C ±1 °C)
Resolution:	0.1 °F/0.1 °C
INDOOR HUMIDITY DISPLAY & FUNCTION SPECIFICATIONS	
Humidity unit:	%
Accuracy:	1% ~ 9% RH ± 8% RH @ 77 °F (25 °C) 10% ~ 90% RH ± 5% RH @ 77 °F (25 °C) 91% ~ 99% RH ± 8% RH @ 77 °F (25 °C)
Resolution:	1%
Memory modes:	Historical data of past 24 hours, MAX/MIN
WIRELESS 7-IN-1 OUTDOOR SENSOR	
GENERAL SPECIFICATIONS	
Dimensions (W x H x D):	15.3" x 8.5" x 6.5" (390 x 217 x 165 mm)
Weight:	1.2 lbs. (543g) (with batteries)
Main power:	3 x AA 1.5 V batteries (lithium batteries recommended)
Weather data:	Temperature, humidity, wind speed, wind direction, rainfall, UV, light intensity
RF transmission range:	Up to 492' (150 m)
RF frequency:	915 MHz
Transmission interval:	Every 12 seconds UV, light intensity, wind speed, and wind direction data Every 24 seconds for temperature, humidity, and rain data
Operating temperature range:	-40 °F ~140 °F (-40 °C ~ 60 °C)
Operating humidity range:	1 ~ 99% RH
Location use for sensor:	Outdoor use
Adult assembly required for sensor:	Yes
Additional tools required for sensor:	Screwdriver

OUTDOOR TEMPERATURE DISPLAY & FUNCTION SPECIFICATIONS	
Temperature unit:	°C or °F
Weather index mode:	Feels like, wind chill, heat index, and dew point
Feels like display range:	-85 °F ~ 122 °F (-65 °C ~ 50 °C)
Dew point display range:	-4 °F ~ 176 °F (-20 °C ~ 80 °C)
Heat index range:	78.8 °F ~ 122 °F (26 °C ~ 50 °C)
Wind chill display range:	-85 °F ~ 64.4 °F (-65 °C ~ 18 °C)
Resolution:	0.1 °F/0.1 °C
Accuracy:	41.2 °F ~ 140 °F ± 0.7 °F (5.1 °C ~ 60 °C ± 0.4 °C) -3.8 °F ~ 41 °F ± 1.8 °F (-19.9 °C ~ 5 °C ± 1 °C) -40 °F ~ -4 °F ± 2.7 °F (-40 °C ~ -20 °C ± 1.5 °C)
OUTDOOR HUMIDITY DISPLAY & FUNCTION SPECIFICATIONS	
Humidity unit:	%
Accuracy:	1% ~ 20% RH ± 6.5% RH @ 77 °F (25 °C) 21% ~ 80% RH ± 3.5% RH @ 77 °F (25 °C) 81% ~ 99% RH ± 6.5% RH @ 77 °F (25 °C)
Resolution:	1%
WIND SPEED/DIRECTION DISPLAY & FUNCTION SPECIFICATIONS	
Wind speed unit:	mph, m/s, km/h, knots
Wind speed display range:	0 ~ 112 mph, 50 m/s, 180 km/h, 97 knots
Resolution:	0.1 mph, 0.1 m/s, 0.1 km/h, 0.1 knots
Speed accuracy:	< 5 m/s: +/- 0.5 m/s; > 5 m/s: +/- 10%
Display mode:	Gust/average
Wind direction:	16 directions
RAIN DISPLAY & FUNCTION SPECIFICATIONS	
Rainfall unit:	mm and in
Rain rate unit:	mm/h and in/h
Accuracy for rainfall:	± 7% or 1 tip
Range for rainfall:	0 ~ 787.3 in (0 ~ 19999 mm)
Resolution:	0.01 in (0.254 mm)
Rain display mode:	Rate/hourly/daily/weekly/monthly/total rainfall
UV INDEX DISPLAY AND FUNCTION SPECIFICATIONS	
Display range:	0 ~ 16
Resolution:	Integer
LIGHT INTENSITY DISPLAY AND FUNCTION SPECIFICATIONS	
Light intensity unit:	Klux, Kfc, W/m2
Display range:	0 ~ 200 Klux
Resolution:	0.01 Klux, 0.01 Kfc, and 0.01 W/m^2

LIMITED WARRANTY TO ORIGINAL CONSUMER

This Logia 7-in-1 Wireless Weather Station with Wi-fi®, Built-In Solar Panel, and 5.7" Full-Color LCD Display ("Product"), including any accessories included in the original packaging, as supplied and distributed new by an authorized retailer is warranted by C&A Marketing, Inc. (the "Company") to the original consumer purchaser only, against certain defects in material and workmanship ("Warranty") as follows:

To receive Warranty service, the original consumer purchaser must contact the Company or its authorized service provider for problem determination and service procedures. Proof of purchase in the form of a bill of sale or receipted invoice, evidencing that the Product is within the applicable Warranty period(s), MUST be presented to the Company or its authorized service provider in order to obtain the requested service.

Service options, parts availability, and response times may vary and may change at any time. In accordance with applicable law, the Company may require that you furnish additional documents and/or comply with registration requirements before receiving warranty service. Please contact our customer service for details on obtaining warranty service:

Email: info@supportcbp.com

Phone: 833-815-0568

Shipping expenses to the Company's Return Facility are not covered by this warranty, and must be paid by the consumer. The consumer likewise bears all risk of loss or further damage to the Product until delivery to said facility.

EXCLUSIONS AND LIMITATIONS

The Company warrants the Product against defects in materials and workmanship under normal use for a period of ONE (1) YEAR from the date of retail purchase by the original end-user purchaser ("Warranty Period"). If a hardware defect arises and a valid claim is received within the Warranty Period, the Company, at its sole option and to the extent permitted by law, will either (1) repair the Product defect at no charge, using new or refurbished replacement parts, (2) exchange the Product with a Product that is new or which has been manufactured from new or serviceable used parts and is at least functionally equivalent to the original device, or (3) refund the purchase price of the Product.

A replacement Product or part thereof shall enjoy the warranty of the original Product for the remainder of the Warranty Period, or ninety (90) days from the date of replacement or repair, whichever provides you longer protection. When a Product or part is exchanged, any replacement item becomes your property, while the replaced item becomes the Company's property. Refunds can only be given if the original Product is returned.

This Warranty does not apply to:

(a) Any non-Logia 7-in-1 Wireless Weather Station with Wi-fi®, Built-In Solar Panel, and 5.7" Full-Color LCD Display product, hardware or software, even if packaged or sold with the Product;

(b) Damage caused by use with non-Logia 7-in-1 Wireless Weather Station with Wi-fi®, Built-In Solar Panel, and 5.7 " Full-Color LCD Display products;

(c) Damage caused by accident, abuse, misuse, flood, fire, earthquake, or other external causes;

(d) Damage caused by operating the Product outside the permitted or intended uses described by the Company;

(e) Damage caused by third-party services;

(f) A Product or part that has been modified to alter functionality or capability without the written permission of the Company;

(g) Consumable parts, such as batteries, fuses, and bulbs;

(h) Cosmetic damage; or

(i) If any Logia 7-in-1 Wireless Weather Station with Wi-fi®, Built-In Solar Panel, and 5.7" Full-Color LCD Display serial number has been removed or defaced.

This Warranty is valid only in the country where the consumer purchased the Product, and only applies to Products purchased and serviced in that country.

The Company does not warrant that the operation of the Product will be uninterrupted or error-free. The Company is not

responsible for damage arising from your failure to follow instructions relating to its use.

NOTWITHSTANDING ANYTHING TO THE CONTRARY AND TO THE MAXIMUM EXTENT PERMITTED BY APPLICABLE LAW, THE COMPANY PROVIDES THE PRODUCT "AS-IS" AND "AS-AVAILABLE" FOR YOUR CONVENIENCE AND THE COMPANY AND ITS LICENSORS AND SUPPLIERS EXPRESSLY DISCLAIM ALL WARRANTIES AND CONDITIONS, WHETHER EXPRESSED, IMPLIED, OR STATUTORY, INCLUDING THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, TITLE, QUIET ENJOYMENT, ACCURACY, AND NON-INFRINGEMENT OF THIRD-PARTY RIGHTS. THE COMPANY DOES NOT GUARANTEE ANY SPECIFIC RESULTS FROM THE USE OF THE PRODUCT, OR THAT THE COMPANY WILL CONTINUE TO OFFER OR MAKE AVAILABLE THE PRODUCT FOR ANY PARTICULAR LENGTH OF TIME. THE COMPANY FURTHER DISCLAIMS ALL WARRANTIES AFTER THE EXPRESS WARRANTY PERIOD STATED ABOVE.

YOU USE THE PRODUCT AT YOUR OWN DISCRETION AND RISK. YOU WILL BE SOLELY RESPONSIBLE FOR (AND THE COMPANY DISCLAIMS) ANY AND ALL LOSS, LIABILITY, OR DAMAGES RESULTING FROM YOUR USE OF THE PRODUCT.

NO ADVICE OR INFORMATION, WHETHER ORAL OR WRITTEN, OBTAINED BY YOU FROM THE COMPANY OR THROUGH ITS AUTHORIZED SERVICE PROVIDERS SHALL CREATE ANY WARRANTY.

IN NO EVENT WILL THE COMPANY'S TOTAL CUMULATIVE LIABILITY ARISING FROM OR RELATED TO THE PRODUCT, WHETHER IN CONTRACT OR TORT OR OTHERWISE EXCEED THE FEES ACTUALLY PAID BY YOU TO THE COMPANY OR ANY OF ITS AUTHORIZED RESELLERS FOR THE PRODUCT AT ISSUE IN THE LAST YEAR FROM YOUR PURCHASE. THIS LIMITATION IS CUMULATIVE AND WILL NOT BE INCREASED BY THE EXISTENCE OF MORE THAN ONE INCIDENT OR CLAIM. THE COMPANY DISCLAIMS ALL LIABILITY OF ANY KIND OF ITS LICENSORS AND SUPPLIERS. IN NO EVENT WILL THE COMPANY OR ITS LICENSORS, MANUFACTURERS, AND SUPPLIERS BE LIABLE FOR ANY INCIDENTAL, DIRECT, INDIRECT, SPECIAL, PUNITIVE, OR CONSEQUENTIAL DAMAGES (SUCH AS, BUT NOT LIMITED TO, DAMAGES FOR LOSS OF PROFITS, BUSINESS, SAVINGS, DATA, OR RECORDS) CAUSED BY THE USE, MISUSE, OR INABILITY TO USE THE PRODUCT.

Nothing in these terms shall attempt to exclude liability that cannot be excluded under applicable law. Some countries, states, or provinces do not allow the exclusion or limitation of incidental or consequential damages or allow limitations on warranties, so certain limitations or exclusions may not apply to you. This warranty gives you specific legal rights, and you may have other rights that vary from state to state or province to province. Contact your authorized retailer to determine if another warranty applies.

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.
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—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 the equipment does not 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 the 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.

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.

Caution:
To maintain compliance with the FCC's RF exposure guidelines, place the unit at least 20cm from nearby persons.

If you experience any issues with your Logia 7-in-1 Wireless Weather Station, please contact us before returning your product to the place of purchase. We're here to help!

QUESTIONS OR PROBLEMS? CONTACT US!

Email: info@supportcbp.com or call: 1-833-815-0568
www.logiaweatherstation.com

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