



WSR-560
denver.eu

2025



Safety information

Please read the safety instructions carefully before using the product for the first time and keep the instructions for future reference.

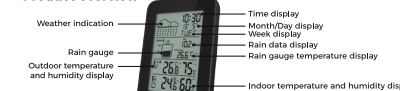
1. This product is not a toy. Keep it out of reach of children.
2. Keep product and batteries out of the reach of children and pets to avoid chewing and swallowing.
3. Never use old and new batteries or different types of batteries together. Remove the batteries when you are not using the system for a longer period of time. Check the polarity (+/-) of the batteries when inserting them in the product. Wrong positioning can cause an explosion.
4. Product operating temperature: Main unit: 0°C → 50°C / Sensor: -40°C → 70°C and storage temperature is from -10°C → 60°C Celsius. Under and over this temperature might affect the function.
5. Never open the product. Touching the inside electric can cause electric shock. Repairs or service should only be performed by qualified personnel.
6. Do not expose weather station to heat, water, moisture, direct sunlight!
7. The weather station unit is not waterproof. If water or foreign objects enter the unit, it may result in fire or electric shock. If water or a foreign object enters the unit, stop use immediately.
8. Do not use non original accessories together with the product as this can make the product functionality abnormal.

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Function

- Weather indication: (Sunny, sunny to cloudy, cloudy, light rain, heavy rain, snowy)
- 12/24 hour time/month/day/week display.
- Week display in 7 languages
- Indoor & outdoor temperature and humidity, °C to °F switchable.
- Display of rain gauge, mode view: Now → 1H → 24H → WEEK → TOTAL.
- 24 hours rain gauge alert function.
- Rain gauge temperature display.
- **Power Supply:** Weather Station: 2 × AAA batteries Sensor: 2 × AAA batteries Rain gauge: 2 × AAA batteries Batteries not included
- **Connection Distance:** Weather station and thermometer & hygrometer sensor: 100M Weather station and rainmeter: 80M (No Distractions/No Obstacles)

Product overview



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Getting started

Insert the batteries and the LCD display will show all items for three seconds. Then the weather indication icon will start flashing. Press UP/C/F or DOWN/CH to select and press SET to confirm. The weather station will then automatically enter wireless receiving mode for three minutes and display the outdoor temperature, humidity and rain gauge data when connected.

If it is not connected within three minutes, press and hold the DOWN/CH button to receive the data.

Note:

- The rain gauge data is received later than the temperature and humidity data on the weather station (signal receiving priority).

Setting the time manually:

1. Press and hold the SET button to enter time setting mode.
2. Once in time setting mode, press the SET button each time to confirm and enter the next setting item. Use the UP/C/F or DOWN/CH buttons to adjust.
3. Setting sequence: Inch/mm → °C/F → 12/24H → Year → Month → Date → Hour → Min → Language → Exit

20 seconds without any activity, it will save the setting data and exit setting mode.

Rain gauge display mode:

1. The default unit of the rain gauge is "mm" after powering on. If you need to change the unit, please refer to the operating instructions for settings. The rain gauge icon flashes when it rains.
2. Press the RAIN button to switch the rain gauge display mode. The setting sequence is as follows:
 - NOW → 1H → 24H → Week → Total.
 - NOW: latest (last 30 minutes)

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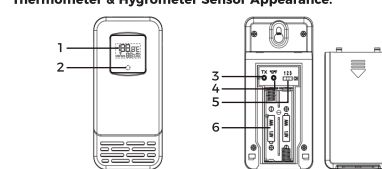
- 1H: This hour (0-59 minutes)
- 24H: This day (00:00-23:59)
- WEEK: This week (Sunday-Saturday).
- TOTAL: The last value shown at a rain gauge.

3. Press and hold the **RAIN** button for more than three seconds to clear the rain gauge data. For example, if you want to clear the NOW rain gauge data, press the **RAIN** button to show NOW, then hold the RAIN button to clear the NOW rain gauge data only; the data from the other rain gauges will not be cleared.
4. The maximum rainfall recorded by the rain gauge is 393.6 INCH/9999 MM. The display will flash when this maximum value is reached and must be cleared manually to update the data.

Setting the 24-hour rain gauge alert:

Press SET to enter the rain gauge alert mode. Press UP/C/F or DOWN/CH to switch the alert on or off. Then press and hold SET to enter the alert mode settings. Press UP/C/F or DOWN/CH to increase or decrease the value from 1.0 mm to 50.0 mm. When the rain gauge alert is turned on, the alert icon will display on the weather station; if the alert is turned off, the icon will not display. If the 24-hour rain gauge alert is turned on and the rainfall reaches your set value, the alert icon will flash.

Thermometer & Hygrometer Sensor Appearance:



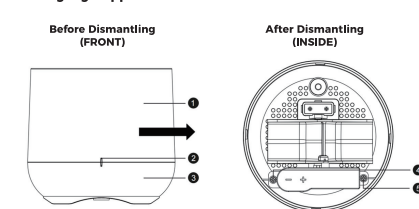
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1. Outdoor data display
2. Sensor wireless signal
3. Sensor signal transmission button
4. Switch °C/°F
5. Sensor channel button
6. Battery Compartment

The sensor is for indoor and outdoor use. However, it needs to be protected against wet, water, rain, etc.

Note that for the temperature and humidity data from the sensor to be displayed, the channel number on the weather station must match the channel number selected on the connected sensor.

Rain gauge Appearance:



How to insert battery

1. The eyes are facing the ② position, holding the ③ position in one hand, and holding the ① position in the other hand, and the ① position rotates to the right (as shown in the direction of the arrow, rotate about 0.5cm). At this moment, the rain gauge is now open.

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2. Use a screwdriver to unscrew screws ④ / ⑤ to open the battery lid, then insert the batteries according to the positive and negative poles shown on the icon. Once the batteries have been installed, screw the screws back in.
5. After the screw is installed, the ① and ③ parts will be installed back according to the ② alignment line.
4. When the rain gauge data is not received, the rain gauge signal icon flashes; the rain gauge signal is constant after receiving the data.

Note: It takes up to 85 seconds to connect after installing the batteries. When the rain gauge data on the main unit screen shows 0.0, this indicates that the rain gauge sensor has successfully connected to the host.

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Electric and electronic equipment contains materials, components and substances that can be hazardous to your health and the environment. If the waste material (discarded electric and electronic equipment) is not handled correctly.

Electric and electronic equipment is marked with the cross out trash can symbol, seen above. This symbol signifies that electric and electronic equipment should not be disposed of with other household waste but should be disposed of separately.

All cities have established collection points, where electric and electronic equipment can either be submitted free of charge at recycling stations and other collection sites or be collected

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from the households. Additional information is available at the technical department of your city.

Hereby, Denver A/S declares that the radio equipment type WSR-560 is in compliance with Directive 2014/53/EU. The full text of the EU declaration of conformity is available at the following internet address: denver.eu and then click the search ICON on topline of website. Write model number: WSR-560. Now enter product page, and RED directive is found under downloads/other downloads.
Operating Frequency Range: 433.82-434.02MHz
Max Output Power: 1mW

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