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## PUR LINE WS07N

# PUR LINE Digital Weather Station User Manual

Model: WS07N

## 1. INTRODUCTION

Thank you for purchasing the PUR LINE Digital Weather Station. This device provides accurate indoor and outdoor temperature and humidity readings, animated weather forecasts, and a convenient touch screen interface. This manual will guide you through the setup, operation, and maintenance of your new weather station.

## 2. SAFETY INFORMATION

- Do not expose the main unit or outdoor sensor to extreme temperatures, direct sunlight for prolonged periods, or excessive moisture.
- Avoid dropping the device or subjecting it to strong impacts.
- Do not attempt to disassemble or repair the unit yourself. Contact qualified personnel for service.
- Dispose of used batteries responsibly according to local regulations.
- Keep the device out of reach of children.

## 3. PACKAGE CONTENTS

Please check the package contents to ensure all items are present:

- PUR LINE Digital Weather Station (Main Unit)
- Outdoor Wireless Sensor (1 unit)
- User Manual (this document)

*Note: Batteries are not included. The main unit requires 3x AAA batteries, and the outdoor sensor requires 2x AAA batteries.*

## 4. PRODUCT OVERVIEW



**Image 1:** The PUR LINE Digital Weather Station main unit (left) and its accompanying outdoor wireless sensor (right). The main unit features a large, clear display showing time, indoor/outdoor temperature and humidity, and animated weather forecasts. The outdoor sensor is compact and designed for external placement.



**Image 2:** Dimensions of the PUR LINE Digital Weather Station main unit and outdoor sensor. The main unit measures approximately 14.2 cm in length and 10 cm in height. The outdoor sensor is slim, with a depth of about 2.2 cm. A small

penguin figure is shown for scale, indicating the compact size of the devices.

## Main Unit Display Elements:

- **Time Display:** Shows current time.
- **Weather Forecast Icons:** Animated icons indicating sunny, partly cloudy, cloudy, or rainy conditions.
- **Indoor Temperature & Humidity:** Readings for the environment where the main unit is placed.
- **Outdoor Temperature & Humidity:** Readings from the connected outdoor sensor.
- **Min/Max Records:** Displays recorded minimum and maximum values.
- **Calendar:** Day, month, and year display.

## Touch Buttons:

- **CH (Channel):** To switch between outdoor sensors (if multiple are connected).
- **C/F SET:** To switch between Celsius and Fahrenheit, and to enter setup mode.
- **MEM (Memory):** To view minimum and maximum temperature/humidity records.
- **Up/Down Arrows:** For adjusting settings in setup mode.

## 5. SETUP

### 5.1 Battery Installation

#### 1. Outdoor Sensor:

- Open the battery compartment cover on the back of the outdoor sensor.
- Insert 2x AAA batteries, observing the correct polarity (+/-).
- Close the battery compartment cover securely.

#### 2. Main Unit:

- Open the battery compartment cover on the back of the main unit.
- Insert 3x AAA batteries, observing the correct polarity (+/-).
- Close the battery compartment cover securely.

*It is recommended to insert batteries into the outdoor sensor first, then the main unit, to ensure proper synchronization.*

### 5.2 Sensor Placement

- **Main Unit:** Place the main unit indoors in a central location, away from direct sunlight, heat sources, or vents that could affect temperature readings.
- **Outdoor Sensor:**
  - Mount the outdoor sensor in a shaded area, protected from direct rain and sunlight, which can cause inaccurate readings.
  - Ensure the sensor is within the wireless range of the main unit (typically up to 30 meters in open air, less with obstructions).
  - Avoid placing it near large metal objects or electrical appliances that could interfere with the wireless signal.

### 5.3 Initial Synchronization

After installing batteries in both units, the main unit will automatically search for the outdoor sensor. The

outdoor temperature and humidity should appear on the main unit's display within a few minutes. If not, try the following:

- Press and hold the "CH" button on the main unit for a few seconds to initiate a manual search.
- Ensure both units are within close proximity during initial setup.
- Check battery levels in both units.

## 6. OPERATING INSTRUCTIONS

### 6.1 Setting Time and Date

1. Press and hold the "C/F SET" button for approximately 3 seconds to enter time/date setting mode. The display will flash.
2. Use the "Up" or "Down" arrow buttons to adjust the flashing value (e.g., hour, minute, year, month, day).
3. Press "C/F SET" again to confirm the setting and move to the next parameter.
4. Repeat until all settings (time, year, month, day) are configured.
5. Press "C/F SET" one last time or wait for 15 seconds for the unit to exit setting mode automatically.

### 6.2 Switching Temperature Units (Celsius/Fahrenheit)

In normal display mode, briefly press the "C/F SET" button to toggle between Celsius (°C) and Fahrenheit (°F) temperature units.

### 6.3 Viewing Min/Max Records

The weather station records the minimum and maximum indoor/outdoor temperature and humidity values since the last reset.

1. Briefly press the "MEM" button to display the maximum recorded values (MAX).
2. Press "MEM" again to display the minimum recorded values (MIN).
3. Press "MEM" a third time to return to the current readings.
4. To clear the Min/Max records, press and hold the "MEM" button for approximately 3 seconds while MAX or MIN values are displayed.

### 6.4 Weather Forecast

The weather station analyzes atmospheric pressure changes to predict weather conditions for the next 12-24 hours. The animated icons on the display represent:

- **Sunny:** Clear skies.
- **Partly Cloudy:** Some clouds, but generally fair.
- **Cloudy:** Overcast skies.
- **Rainy:** Precipitation expected.

*Note: Weather forecasts are estimates and may not always be 100% accurate. They are based on atmospheric pressure trends and not real-time satellite data.*

### 6.5 Backlight

The display features an LED backlight for improved readability. Briefly touch any button to activate the backlight for a few seconds.

## 7. MAINTENANCE

### 7.1 Cleaning

Wipe the main unit and outdoor sensor with a soft, damp cloth. Do not use abrasive cleaners or solvents, as they may damage the plastic components or display.

### 7.2 Battery Replacement

When the battery indicator appears on the display, replace the batteries in the respective unit (main unit or outdoor sensor) as soon as possible to ensure continuous operation and accurate readings. Follow the battery installation steps in Section 5.1.

## 8. TROUBLESHOOTING

Problem	Possible Cause	Solution
No display on main unit.	Batteries are dead or incorrectly inserted.	Check battery polarity and replace with fresh 3x AAA batteries.
No outdoor temperature/humidity reading.	<ul style="list-style-type: none"><li>Outdoor sensor batteries are dead or incorrectly inserted.</li><li>Sensor is out of range or signal interference.</li><li>Sensor not synchronized.</li></ul>	<ul style="list-style-type: none"><li>Replace with fresh 2x AAA batteries in the outdoor sensor.</li><li>Move the sensor closer to the main unit or away from interference sources.</li><li>Press and hold the "CH" button on the main unit to re-synchronize.</li></ul>
Inaccurate temperature/humidity readings.	<ul style="list-style-type: none"><li>Sensor exposed to direct sunlight or heat/cold sources.</li><li>Low battery power.</li></ul>	<ul style="list-style-type: none"><li>Relocate the sensor to a shaded, protected area.</li><li>Replace batteries in both units.</li></ul>
Weather forecast seems incorrect.	Weather forecasts are based on atmospheric pressure trends and are not always 100% accurate.	This is normal. The forecast is an estimation. Compare with local weather reports for verification.

## 9. SPECIFICATIONS

Feature	Detail
Model Number	WS07N
Main Unit Dimensions (L x W x H)	14.2 x 2.2 x 10 cm
Weight	Approx. 500 grams (total package)
Power Source (Main Unit)	3 x AAA batteries (not included)
Power Source (Outdoor Sensor)	2 x AAA batteries (not included)

Feature	Detail
Wireless Range	Up to 30 meters (open air, typical)
Material	Plastic
Special Features	Touch Screen, LED Backlight, Animated Weather Forecast, Min/Max Records, Calendar

*Note: Specifications are subject to change without notice.*

## 10. WARRANTY AND SUPPORT

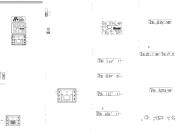
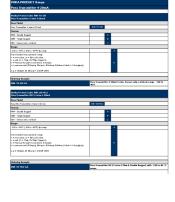
For warranty information and technical support, please refer to the documentation provided with your purchase or contact your retailer. Keep your proof of purchase for any warranty claims.

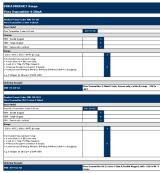
Manufacturer: Purline

ASIN: B07YV9DXFV

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### Related Documents - WS07N

	<p><a href="#"><u>Hama Black Line Plus Weather Station Operating Instructions</u></a>  Comprehensive operating instructions for the Hama Black Line Plus Weather Station (Model 00 186418), covering setup, features, safety, and technical specifications.</p>
	<p><a href="#"><u>Gebruiksaanwijzing MA10410 Mobile Alerts Weerstation</u></a>  Uitgebreide gebruikershandleiding voor het MA10410 Mobile Alerts weerstation van Techno Line. Bevat informatie over installatie, functies, bediening, weersvoorspelling, technische specificaties en probleemoplossing.</p>
	<p><a href="#"><u>Pura Transmitter Product Codes and Specifications</u></a>  Comprehensive guide to Pura Transmitter product codes, including 2-wire, 3-wire, M12, and hazardous area transmitters, along with accessories, spare parts, service exchange options, and calibration services.</p>



### [Pura Product Range: Transmitters, Hygrometers, and Accessories](#)

Explore the comprehensive Pura product range from Michell Instruments, including 2-wire, 3-wire, and hazardous area transmitters, online hygrometers, and essential accessories. Find detailed specifications, ordering information, and calibration services.

### [Hama Black Line Plus Weather Station Operating Instructions](#)

Comprehensive operating instructions for the Hama Black Line Plus Weather Station, covering setup, features, safety, and maintenance for accurate environmental monitoring.



### [Miele PUR 68 W, PUR 88 W, PUR 98 W Installation Guide](#)

This document provides installation instructions for Miele PUR 68 W, PUR 88 W, and PUR 98 W cooker hoods. It details the mounting process, including measurements, required tools, and component assembly.