

Solar Powered Wireless Weather Station

pro-SIGNAL

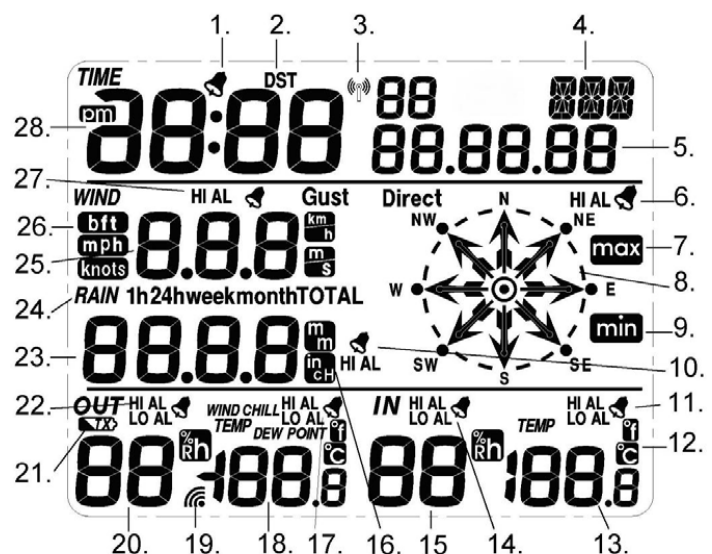
RoHS
Compliant



LCD Display

Production Description.

- Display of indoor and outdoor temperature, wind speed, wind direction, humidity, rainfall amounts, time and date
- Alarm function for certain weather conditions as well as records of all minimum and maximum values along with time and date of their recordings
- Radio control time and date (DCF/WWVB/MSF version optional but only one)
- Save the data when batteries is changed
- Operates on 5x LR6/AA alkaline batteries (not included)



1. Time alarm on icon	15. Indoor humidity
2. DST icon (only available on WWVB version)	16. Rainfall unit
3. RCC tower icon for time reception	17. Outdoor temperature high alarm and low alarm
4. Date of the week/time zone	18. Outdoor temperature
5. Date	19. Outdoor reception signal
6. Wind direction alarm	20. Outdoor Humidity
7. General Max record	21. Outdoor transmitter low battery indicator
8. Wind direction	22. Outdoor humidity high alarm and low alarm
9. General Min. record	23. Rainfall
10. Rainfall high alarm	24. Rainfall 1h, 24h, week, month or total display
11. Indoor temperature high alarm and low alarm	25. Wind speed
12. Temperature unit	26. Wind speed unit
13. Indoor temperature	27. Wind speed high alarm
14. Indoor humidity high alarm and low alarm	28. Time

Note: The presence of the "Alarm-On icon" in the section means that the particular alarm has been enabled

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Specification

Outdoor data

Transmission distance in open field	: 100m (300 feet)
Frequency	: 868MHz
Temperature range	: -40°C to +60°C (-40°F to +140°F)
Accuracy	: ±1°C
Resolution	: 0.1°C
Measuring range rel. humidity	: 10% to 99%
Accuracy	: ±5%
Rain volume display	: 0mm to 9999mm (show --- if outside range)
Accuracy	: ±10%
Resolution	: 0.3mm (if rain volume < 1000mm) 1mm (if rain volume > 1000mm)
Wind speed	: 0km/h to 180km/h (0mph to 110mph) (show --- if outside range)
Accuracy	: ±1m/s (wind speed< 10m/s) ±10% (wind speed > 10m/s)
Measuring interval thermo-hygro sensor	: 48 s
Water proof level	: IPX3

Indoor data

Measuring interval temperature/humidity	: 30 seconds
Indoor temperature range--- if outside range)	: 0°C to 50°C (14°F to +140°F)
Resolution	: 0.1°C
Measuring range rel. humidity	: 10% to 99%
Resolution	: 1%
Alarm duration	: 120 sec

Power consumption

Base station	: 3 x AA 1.5V LR6 Alkaline batteries (not included)
Remote sensor	: 2 x AA 1.5V LR6 Alkaline batteries (not included)

Contents

- Main unit (Display unit)
- Outdoor unit

Part Number Table

Description	Part Number
Solar Powered Wireless Weather Station, 100m	PSG04174

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