



NAVIS

# WINDY WR3-B

Long range  
wireless anemometer



range up to  
400 m

WINDY WR3-B is a long range portable wireless anemometer. It has handheld/portable display unit and sensor suitable for both - permanent or temporary installation. Sensor with ball bearings and long life battery ensure long period without servicing. Sensor send data every 2 seconds so you have instant information about wind speed anywhere in the 400 m radius from the sensor. Each sensor has its own address so several anemometers can operate in close proximity without disturbance.



## FEATURES

- stainless steel ball bearings ensure long life of the sensor
- up to 4 years sensor battery life, replaceable Lithium battery
- long range - distance between sensor and display unit up to 400 m
- shock resistant display unit with rubber sides
- large digits on illuminated LCD display ensures excellent visibility at day or night
- low power consumption allow long operation time
- easy replaceable anemometer cups

## FUNCTIONS

- current wind speed
- maximum wind speed
- average wind speed (selectable averaging)
- all standard units (knots, m/s, km/h, mph)
- beaufort bar graph
- temperature in Celsius or Fahrenheit degree
- wind chill - subjective ambient temperature dependent on wind speed
- sound alarm at exceeded wind speed



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## TECHNICAL DATA

|                                       |   |
|---------------------------------------|---|
| - Measurement range :                 | 0,6...50 m/s  |
| - Measurement range - temperature:    | -30....+60 °C   |
| - Units of measurement:               | m/s, km/h, knots, mph, Bft                                    |
| - Units of measurement - temperature: | °C, °F  |
| - Resolution - wind speed:            | 0,1 unit (under 9,9)<br>1unit (above 10)                      |
| - Resolution - temperature:           | 1 °C  |
| - Accuracy - wind speed:              | +/- 3 %   |
| - Accuracy - temperature:             | +/- 1 °C  |
| - Averaging period, selectable:       | 2s, 10s, 30s, 2min, 5min                                      |
| - Display updating:                   | every 2 seconds   |
| - Data transmission:                  | every 2 seconds   |
| - Transmission frequency:             | 868 MHz   |
| - Battery - sensor:                   | 1 x 3,6 V AA Lithium battery, replaceable (included)          |
| - Battery life - sensor:              | up to 4 years   |
| - Battery - display unit:             | 2 x 1,5 V AA - mignon   |
| - Battery life - display unit:        | up to 5000 hours  |
| - Battery life with backlighting:     | 300 hours   |
| - Dimensions - sensor:                | height 210 mm<br>overall diameter cup to cup 120 mm           |
| - Material, sensor:                   | polyamide cups, Aluminum base                                 |
| - Dimensions - display unit:          | 94 x 63 x 28 mm   |
| - Mounting :                          | the sensor mounts on a pipe with $\varnothing$ 20 mm diametre |

Spare parts: spare anemometer cups