

JWR-3B

Long range wireless anemometer

JWR-3B 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

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) , 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 - display unit: 2 x 1,5 V AA - mignon
- Battery life - sensor: up to 4 years
- Battery life - display unit: up to 5000 hours
- Battery life with backlighting: 300 hours
- Dimensions - sensor: height 210 mm (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 diameter

Spare parts: spare anemometer cups