Navis WL 12/WSD Long Range Wireless Anemometer Wind Direction Wind Logger 250M

SKU: NAVWL12WSD
Manufacture warranty period: 12 months
Country of Origin: Slovenia

Features:

- easy-to-use solution for wind site evaluation
- easy installation without running cables
- shows and store all vital wind data
- **range up to 250 m with internal antenna and standard range sensor**
- receiver up to 1year battery life
- extended sensor up to 2 years battery life
- battery or external powered
- built-in battery back-up real time clock
- large, night illuminated LCD display

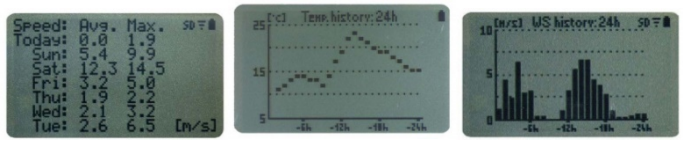
Functions:

- current wind speed
- wind direction
- temperature
- 24h wind speed and temperature history graphs
- 7 days history of instant and average wind speed
- date and time

Store to SD card:

- Average and maximum wind speed in selected interval
- Average wind direction
- Temperature
- Each data has date and time stamp

History Displays



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Technical Data:

- Logging: average and maximum wind speed, temperature
- Logging interval: selectable: 10 s, 1 min, 10 min, 60 min
- Data recording: up to 12 months, .txt data format
- Memory card: micro SD (4Gb enclosed)
- **Wind speed:**
  - Measurement range: 0,6...50 m/s
  - Units: m/s, km/h, knots, mph
  - Resolution on: 0,1 m/s
  - Accuracy: +/- 2.5%, calibration possible in 0.5% steps
- **Wind direction:**
  - Measurement range: 0°– 359°, no blank sector, contactless magnetic measuring principle
  - Resolution: 1°
  - Accuracy: +/- 2,5°, adjustable offset +/- 180°
- **Temperature:**
  - Measurement range: -30~55 °C
  - Units: °C, °F
  - Resolution on: 1°C
  - Accuracy: +/- 1°C, calibration possible in 0.5 °C steps
- Communication frequency: 868 MHZ
- Data transmitting: every 2 seconds
- Range: with internal antenna and standard range sensor, up to 250 m visible distance
- Output power: extended range sensor WSD 010-1: +10dB (10mW)
- Sensor temperature operating range: -30~55 °C
- Battery, WSD sensor: 3,6V AA Lithium battery (included)
- Battery, receiver: 4 x 1,5 V AA battery (not included)
- Battery life, WSD sensor: up to 2 years (WSD 010-1)
- Battery life, receiver: up to 12 months (without display illumination)
- Sensor bearing: 2 x precision stainless steel ball bearing (replaceable)
- External power supply: 5V DC
- External power connector: micro USB (adapter is not enclosed)
- Casing receiver: ABS, 115 x 83 x 32 mm
- Material
  - sensor housing: Anodized Aluminium, PVC
  - cups (replaceable): PA (Polyamide)
  - vane (replaceable): Carbon/Al
- Dimensions - WSD sensor: Height 240 mm, overall vane diameter 220 mm
- Antenna input, receiver: 50 Ohm, SMA connector

Package includes:

- WL12/D display unit
- External SMA antenna
- WSD 010-1 standard range sensor
- Micro SD Card
- WSD Sensor self-levelling mounting assembly (Optional)

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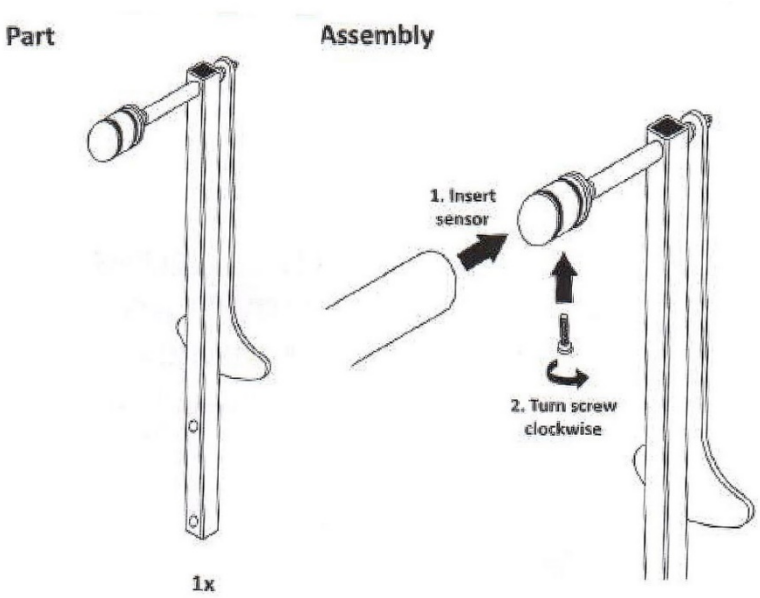

WSD Sensor
Self Levelling
Mounting Assembly

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