

# WIRELESS ANEMOMETER WR5/D



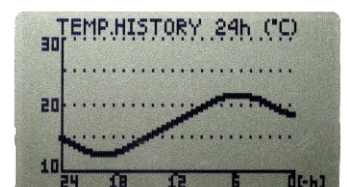
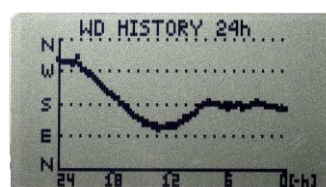
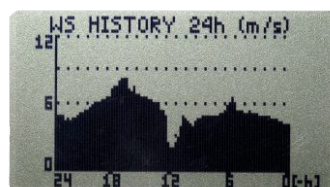
## FEATURES

- easy installation without running cables
- shows all vital wind data
- range up to 500 m
- battery or external powered
- long battery life
- large, night illuminated LCD display
- compatible with range of NAVIS wind sensors
- wind tunnell calibrated

## FUNCTIONS

- current, average and peak wind speed
- wind direction
- temperature and windchill
- history graphs - 24h wind speed, 24h wind direction  
24h temperature; 1,5h wind speed
- max. wind speed sound and optical alarm

## DISPLAYS





NAVIS

**COMPATIBLE SENSORS:**



WS 010-1A (standard range WS sensor)  
WS 011-1A (extended range WS sensor)



WSD 010-1A (standard range WSD sensor)  
WSD 011-1A (extended range WSD sensor)

**ORDERING:**

**Display unit**

- 1 **WR5/D** display unit

**Sets with sensors included**

- 2 **WR5/WS** display unit, standard range WS sensor
- 3 **WR5/WSD** display unit, standard range WSD sensor



1



2



3

**OPTIONAL ACCESSORIES:**

- 1 Long SMA antenna
- 2 Remote antenna with 3 m cable, magnetic mounting
- 3 YAGI antenna
- 4 MDMA/WR5 - Magnetic display mounting assembly



1



2



3



4



NAVIS

## TECHNICAL DATA

<b>Wind speed measurement range:</b>	0,7...50 m/s
<b>Current wind speed:</b>	0,5 s, 1 s or 2 seconds update, depends from sensor settings
<b>Average wind speed:</b>	selectable averaging: 1, 5 or 10 minutes
<b>Peak wind speed:</b>	highest recorded current wind speed since reset
<b>Wind speed alarm:</b>	adjustable max. alarm (red light + sound signal, 83dB/10cm)
<b>Wind speed resolution:</b>	0,1 m/s
<b>Wind speed units:</b>	m/s, km/h, knots, mph
<b>Wind speed accuracy:</b>	+/- 2,5 %, calibration possible in 0,5% steps
<b>Wind direction measurement range:</b>	0°– 359°
<b>Wind direction averaging period:</b>	10 seconds
<b>Wind direction accuracy:</b>	+/- 2,5°, adjustable offset +/- 180°
<b>Temperature measurement range:</b>	-30...+60 °C
<b>Temperature units:</b>	°C, °F
<b>Temperature resolution:</b>	0,1°C
<b>Temperature accuracy:</b>	+/- 0,4°C
<b>Temperature operating range:</b>	-10...+50 °C
<b>Communication frequency :</b>	868 MHZ
<b>Antenna connector:</b>	SMA
<b>Range, with standard range sensor:</b>	up to 500 m visible distance
<b>Battery:</b>	3 x 1,5 V AA battery (not included)
<b>Battery life:</b>	up to 3.500 hours (without display illumination) up to 1.500 hours (with display illumination)
<b>Externall power supply:</b>	5 V DC
<b>Externall power connector:</b>	micro USB (adapter is not enclosed)
<b>Casing:</b>	ABS, 115 x 83 x 32 mm
<b>Weight:</b>	150 g