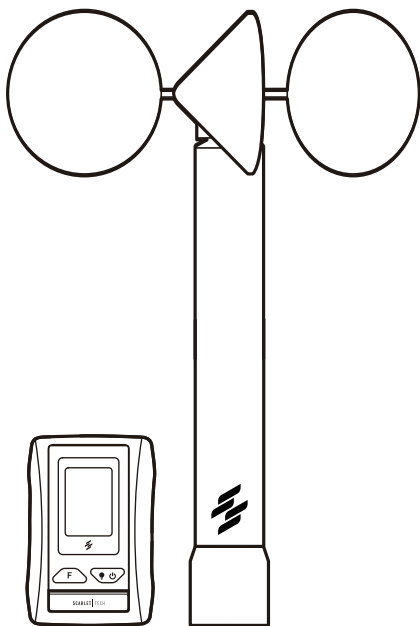




SCARLET | TECH



WR-3

Wireless Anemometer

User Guide

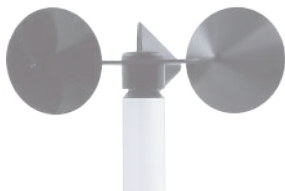
Overview

Sensor unit

Anemometer The sensor will be switched on automatically when the anemometer cups revolve. It switches off 6 hours after the anemometer cups stop revolving.

Temperature The temperature sensor is located within the sensor. It can take up to 30 minutes to sensor reach the surrounding air temperature. The measurement is isplayed and is used for wind-chill calculation.

Wind-chill Gives us information how cold it feels because of combined effect of current air temperature and wind speed. The anemometer automatically calculates and isplays this subjective temperature according to the latest formula.



Display unit

Power on/off Press the right button to turn on the unit. Long press the right button for 3 seconds to turn the device off.

Backlighting With short presses of the right button you can turn backlighting on and off. The display unit receive fresh data from sensor every two seconds. Segment 12 of Bft graph blinks each time when the data are received. If display unit has no valid data from the sensor for more than 10 seconds it displays two dashes.

Range

Connection between sensor and display unit work on free 868 MHz band. Reach is up to 400 meters when no obstacle is between sensor and display unit. Inside the building the range is much shorter. Normally the signal can go through two to three walls.

Measurements

- Current, average and maximum wind speed
- Temperature
- Wind-chill

Operations

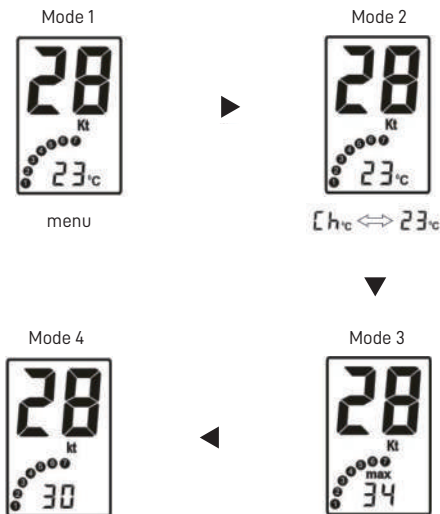
Read measurements

By pressing the left button (F), four different modes will alternate to display the readings.

Top half of the screen Displays the current wind speed.

Bottom half of the screen Displays other measurements:

- Mode 1: Temperature
- Mode 2: Wind-chill. Abbreviation "Ch" and the digits will alternates.
- Mode 3: Maximum wind speed since power on. The maximum value can be reset by holding the left button pressed for 2 seconds.
- Mode 4: Average speed/current speed (depends on selection in the setting)



Settings

By holding the left button (F) pressed, after 4 seconds, the menus for different groups of settings will start appearing in 1 second steps. Release the button on the menu you want to select. With presses of left or right button, you can then adjust the value or select between options within the menu selected. After 5 seconds of non-pressing the button, instrument will return to normal operation.

Menus

Menu 1 alarm limit Pressing left/right button to change the threshold of alarm. As long as the current wind speed exceeds the threshold, the icon "H i" will blink on the display and the audible alarm is also activated in model WR3-A.

Menu 2 averaging period Press left/right button to select the averaging period. Available options are: 10 (10 secs), 30 (30 secs), 2' (2 mins) and 5' (5 mins).

Menu 3 sensor address Press left/right button to set the address correspond to the sensor you want to read. Address of sensor is marked on sensor and also in the interior of battery compartment.

Menu 4 wind speed unit Press left/right button to select among m/s, km/h, knots or mph.

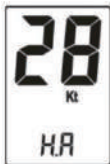
Menu 5 temperature unit Press left/right button to select °C or °F.

Normal Mode



Hold on left
button for 4 secs

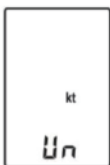
Alarm limit



Averaging period



Temperature



Wind speed unit



Sensor address

Handling, Maintenance, & Warranty

Battery replacement

Sensor unit When the sign Lb starts appearing on the display, replace the sensor battery. Take off the battery cover by turning it anti-clockwise. Pull out the battery holder and insert new battery.

NOTE: Do not open battery cover unnecessarily. It is sealed with sealant.

Display unit When display starts losing contrast, replace the battery. Battery is placed under the lid at the backside of the display unit.

Packing list

- Sensor unit x 1
- Display unit x 1
- User guide x 1
- Carrying case x 1
- Certificate of conformity x 1
- Lithium battery x 1 (AA/ER14505/3.6 V)

Warranty conditions

This product is guaranteed for one year after date of purchase. During limited warranty period any defective product will be repair or replace with comparable product without charges. The limited warranty does not cover battery and damages of any kind including physical caused accidentally or from misuse. Manufacturer's responsibility is limited to repair or replace the product. Any liability for direct or indirect damage caused by product failure is excluded. The claimed product will be repaired or replaced only when returned to the store where it was purchased together with original invoice.



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