

SKYWATCH EOLE 2000

You have just acquired a high precision instrument, realized with the most up-to-date technology. It was conceived to resist to an intensive use. However we recommend that you to treat it carefully and carefully read this owner's manual.

Impeller :

With omni-directional cups that eliminate the need to point directly into the wind !

On-off button :

Briefly push this button to turn the instrument on or off
Reset of average and maximum values every time the instrument is turned on.

Mode button :

Briefly push this button to select one of the 3 measurement modes available :

1. Current windspeed
Current windspeed is measured every second. An average is calculated over 4 seconds to get a better precision.
2. Average windspeed (AV)
Displays average windspeed of the last 30 seconds. The value is updated every 4 seconds. Reset every time the instrument is turned on.
3. Maximum windspeed (MAX)
Display of maximum windspeed recorded. Reset every time the instrument is turned on.

Hold down the *mode* button to select one of the 5 measurement units available and release :

1. km/h (kilometers per hour)
2. mph (US miles per hour)
3. knots (nautical miles per hour)
4. m/s (meters per second)
5. fps (feet per second)

The Beaufort scale always corresponds to the value displayed on the LCD.

Power supply :

To change the battery : open the drawer on the bottom of the instrument by gripping the ends between the index finger and thumb. Beware of the battery's polarity (a "+" is carved on the drawer) and drawer during its re-installation (a locating pin prevents an erroneous installation).
Lifetime : 2 years with intensive use.

Technical data :

- Precision : +/- 5%
- Using temperature : from -10°C to +50 °C (14°F to 122°F)
- Measuring range : 0 - 200 km/h, 0 - 125 mph, 0 - 115 knots, 0 - 60 m/s, 0 - 197 fps
- Power : lithium battery CR2032
- Dimensions : 62 x 120 x 32 mm / 2,45" x 4.73" x 1,26"
- Weight : 130 g / 45.86 ounces
- Weatherproof

Limited warranty :

This limited warranty shall be in effect for one year after the date of purchase by the original consumer purchaser. During this limited warranty period, JDC ELECTRONIC SA will repair or replace without charges any defective product with a comparable product. This limited warranty will not apply to any instrument that has been misused , improperly installed, repaired, altered or which has been the subject of any negligence or accident.

The speed measurement principle of the SKYWATCH® Eole is based on magnetic transmission. The turning impeller creates a magnetic field that is detected by the SKYWATCH® Eole (JDC ELECTRONIC SA patent). If the SKYWATCH® Eole is close to another magnetic field (from a computer, electronic appliance, etc...), it may display unexpected values but only if the impeller is not turning.