



USERS MANUAL

BaroPlug



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1 GENERAL RECOMMENDATIONS

1.1 INSTALLATION

The LCJ Capteurs BaroPlug is an atmospheric sensor for NMEA 2000 systems. It features a MICRO male plug to connect directly to the NMEA 2000 backbone.

This is a Plug and Play device: Install the sensor on your NMEA systems backbone and read the data on any connected display which features barometric data!

The BaroPlug must be located in a place protected from water drops and subject to atmospheric pressure.

Do not attempt any modification to the unit.

Never paint any part of the unit or alter its surface in any way.

Warranty is void in case of non following the instructions of use, repair or maintenance without written authorisation.

1.2 MAINTENANCE AND REPAIR

The BaroPlug sensor does not require any maintenance. Check the connection on a regular basis.

If the pages of your instruments do not display the barometric data correctly, refer to the manufacturer's manual and check the connections before asking for service to your LCJ Capteurs dealer.

1.3 DISPOSAL

Equipments marked with the recycling symbol should be processed via a recognized recycling agency. By agreement, they may be returned to the manufacturer. Do not mix electronic disposal with domestic or industrial refuse.

1.4 LIMITED WARRANTY

The LCJ Capteurs sensors are guaranteed against manufacturing defects for a period of **3 years** from the date of purchase. It is limited to the repair and/or replacement of the product. It does not cover installation costs and shipping costs of faulty units. A proof of purchase may be asked when filling the warranty request which must be received by writing. Once the warranty request is accepted by LCJ Capteurs, the unit must be sent to LCJ Capteurs' address in France. LCJ Capteurs guarantees that each of their sensors are tested and calibrated before despatch. Operations not in compliance with the instructions described in the present manual may result to damage the unit or alter its performances. In such cases, the warranty is void.

1.5 RESPONSABILITY

LCJ Capteurs do not accept responsibility for:

- Consequential damage to the use of LCJ Capteurs product
- Possible errors in the manuals and their results



2 TECHNICAL SPECIFICATIONS

Dimensions: L 81 mm X Ø 17.5 mm

Weight: 35 g



Connector: MICRO male NMEA2000

Power supply: via NMEA2000 network. 8V / 28VDC

Consumption: 1 LEN / 25mA

Operation indicator: 1 flashing LED



Hydrophobic membrane for pressure sensor

Pressure's measure range: 850 hPa / 1150 hPa

Resolution:

1 hPa (mbar) with MEA2000 Version 2 systems

0.1 hPa (mbar) with NMEA2000 Version 3 systems

Relative accuracy: +/- 0.5 hPa @ 20°C

Absolute accuracy : +/- 1.5 hPa @ 20°C

Data:

PGNs TX: 59392; 60928; 126464; 126996; 130311; 130214

PGNs RX: 59392, 59904; 60928

NMEA 2000 manufacturer ID: 499

Product ID: BaroPlug

