

Declaration of Conformity

This declaration of conformity is issued under the sole responsibility of the manufacturer

Manufacturer: Lars Thrane A/S
Address: Stubbeled 2, 2950 Vedbæk, Denmark
Product Identification: LT-500 Attitude Heading Reference System (AHRS) PN = 51-100294

Product Description

The LT-500 AHRS is a small, compact, and very advanced unit with 11 precision sensors (magnetometers, gyros, accelerometers, barometer, and thermometer). With the use of sensor-fusion and Kalman filtering, the LT-500 AHRS outputs: true-heading, magnetic heading, roll, pitch, air pressure, and temperature real-time, with high precision and resolution.

The LT-500 AHRS is designed and built for the demanding and rough environment at sea and with an operational temperature (ambient) range from -40°C to +55°C (-40°F and +131°F).

Declaration

We as manufacturer declare that the above listed product complies with the specification of the EC directive 1999/5/EC. The conformity has been assessed according to the procedure detailed in Annex IV of the R&TTE Directive. The following harmonized standards were applied:

EMC: EN 301 489-1, v1.9.2 / EN 301 489-3, v1.6.1


Safety: EN 60950-1:2006+AC:2011+A11:2009+A1:2010+A12:2011+A2:2013 / EN 60945:2002

Tested by Cetecom GmbH (Germany)

Year of affixing the CE mark: 2016

Place and Date

Vedbæk, 28. April 2016



Peter Thrane, CEO
Lars Thrane A/S

