

RemoteGyro CD/L



The CD/L RemoteGyro is a highly compact battery powered subsea attitude sensor which can be used in a wide variety of subsea applications.

The system is a combination of CD/L MiniRLG2 attitude sensor, CD/L battery pack, CD/L MiniTXT subsea display and optional CD/L DATUM acoustic modem and ranging device. These components are packaged into an extremely compact protection frame which is easily manageable for use in template installations and many other tasks where recovery of attitude data independent of an umbilical connection is desirable.

Battery life for the system is 24 hours using rechargeable battery packs, longer lifetimes are available using different battery chemistries. A specially designed rugged CD/L charger is available.

Features:

- RLG technology
- No umbilical connection
- Integrated subsea display
- Acoustic data recovery
- Small size
- Light weight
- Replacable protection frame
- Crane lifting points

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Product Specification:

MiniRLG2 Gyro Compass:
Heading 0.16°
Pitch/Roll 0.028°

MiniTXT
Display high visibility red or green LED matrix
Sleep Awake 1-99 minutes or always on, configured through software

ACOUSTIC MODEM
Range up to 1,000m
Frequency 16-18 kHz

Frame size 500mm x 500mm x 500mm
Typical weight in air 50kg

Subsea Battery Pack
We can make custom battery packs to suit different applications.

A typical specification, based on the MiniRLG would be:

1)Primary
Voltage 24V
Amp Hours 54 Amps/hour

2)Rechargeable:
Voltage 24V
Amp Hours 36 Amps/hour

Frame Docking:
The frame docking arrangement will vary from job to job.
We can design and manufacture docking pins to fit your application.