

# GC80 and GC85 Gyrocompasses

The Simrad Gyro Compasses are the most reliable Gyro Compasses on the market and with no liquids to change every other year like most other gyro compasses, they are virtually maintenance free. A wide range of control units provide complete flexibility of system configuration for new installation and easy retrofit into existing repeater systems. The standard range of interfaces can easily be expanded to provide signals for all vessel applications. The distribution of power and heading signals from the control units enables practical installation and easy retrofit. The unique technology in the GC85 and GC80 gyrocompasses eliminates "practically" the need for annual service. The GC85 and GC80 are fully IMO approved for standard and High Speed Craft (GC85) and can be configured in a dual gyrocompass system. The highest possible accuracy and stability is provided from new technology, by sophisticated and fully sealed sensitive element.



► GC80, GC85 and RGC50 Gyrocompasses

The Simrad GC85 and GC80 gyrocompasses are the ideal solutions for the advanced DP system needed in offshore industry. Shipowners as well as DP system providers all over the world have learned that the Simrad GC series gyrocompass offers the most flexible gyro compass solution on the market. A combination of a Dual- and an Expanded system, consisting of all together three gyro compasses will offer a DP vessel all the heading and control information needed for effective operations under the most harsh conditions. The simple and quick installation and set-up process as well as the fact that no annual service is required makes a Simrad gyro system the best solution for any 24/7 operator. The world wide service and warranty network ensures extra support whenever needed.

## PRO GC80 AND GC85 KEY FEATURES

- Unique, new technology, sensitive elements require no annual servicing
- Very low RPM reduces wear and increases lifetime
- Swappable sensitive elements for onboard service
- No oil change and quick installation
- Sealed sensitive element
- High follow-up rate
- Full 2 year warranty
- GC80 approved according to IMO A.424(XI) performance standards for gyro-compasses
- GC85 approved according to IMO A821(19) performance standards for gyro-compasses for high speed craft

## ► CONTROL UNITS



► Compact    ► EXpanded    ► Dual

Part Number	Description
27101617	GC80 Compact Gyro system
GC80 Exp Sys	GC80 Expanded Gyro System
GC80 Dual Sys	GC80 Dual Gyro System with changeover switch
GC85 Comp Sys	GC85 Compact Gyro System
GC85 Exp Sys	GC85 Expanded Gyro System
27102169	Second GC80 Master Compass and GC80 Sensitive Element
27102177	Second GC85 Master compass including sensitive element



► GC85 Gyrocompass