

# JUPITER & NAVIPOL

Magnetic Flat Glass Compass and Binnacles



Modern compass systems depend on access to power, GPS and, increasingly, connectivity. The basic magnetic compass is still the ultimate back-up when all else fails, and a key requirement on every vessel.

Sperry Marine's magnetic compass equipment is legendary in the shipping world. Evolved over many years, it offers an accurate and dependable system for essential navigational data.

All components are built to a rugged design for reliable operation at sea, and type approved to the applicable MED standard.

## A comprehensive, highly reputable solution



### JUPITER magnetic flat glass compass

- Bearing, steering reflector and overhead compass
- Easy to install in NAVIPOL binnacles or within the wheelhouse
- Accuracy greater than 0.5°
- 'Class A' compass with a 180mm card diameter for stable performance

### *Azimuth Device*

- Prismuth azimuth device PV24 in transport box



### NAVIPOL CP binnacles

Made to last - from durable seawater resistant alloy:

#### *NAVIPOL CP1*

- Standard and Steering compass reflector binnacle with reflector tubes available up to 1500mm length to read compass bearing on the bridge; optional bypass arrangement available

#### *NAVIPOL CP2*

- Standard and Steering compass binnacle

NAVIPOL CP binnacles are available for all standard illumination supply voltage.

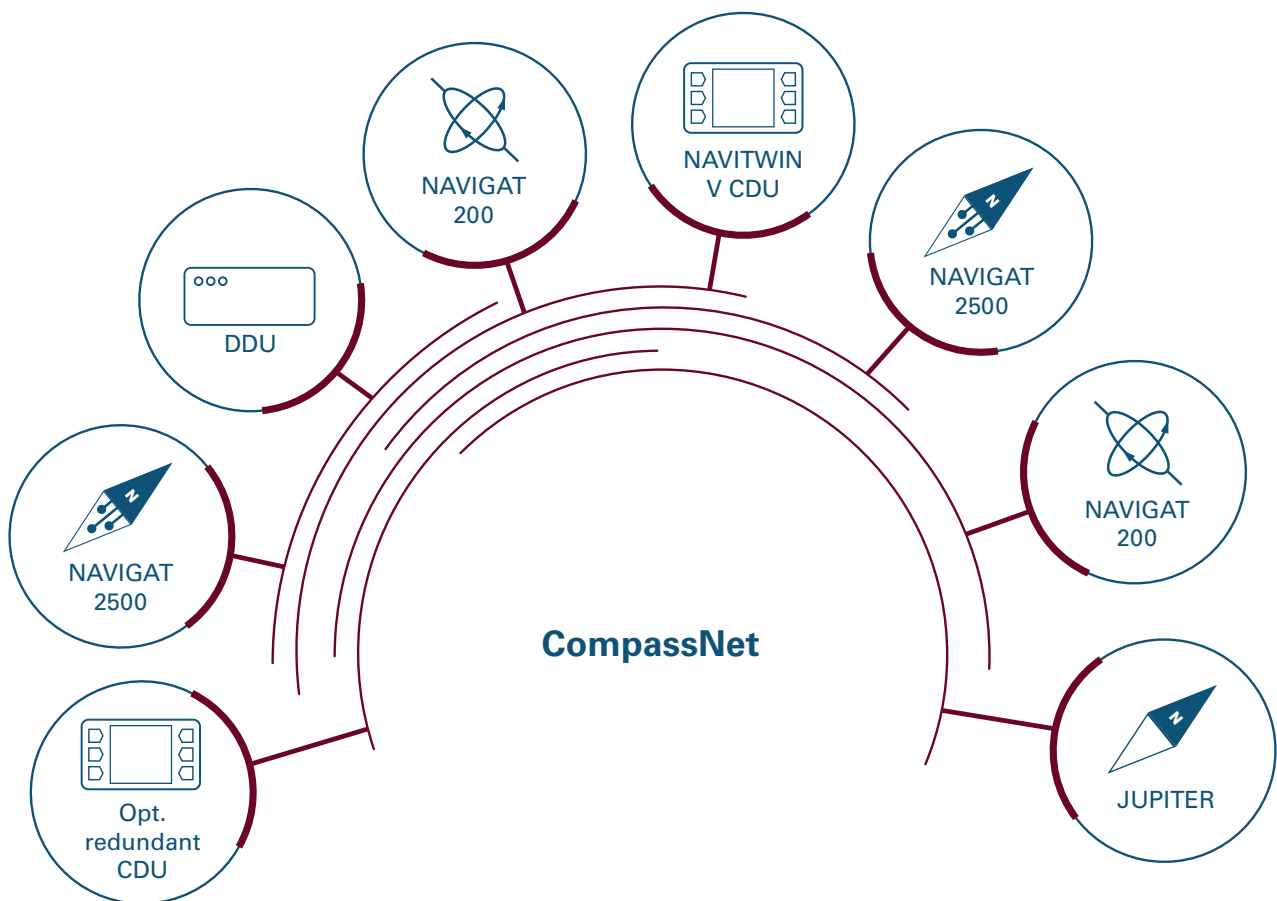
A hood with window and protective canvas cover are available as optional accessories.

## Integration option

The magnetic compass JUPITER can be integrated with the versatile CompassNet Heading Management system to include the Transmitting Magnetic Compass (TMC) functionality.

CompassNet receives the magnetic compass heading via an optional available fluxgate sensor. The CompassNet Data Distribution Unit (DDU) converts the magnetic heading into a serial NMEA message which can then be distributed within the CompassNet system and to connected repeaters or other peripheral equipment. The magnetic compass may then be used as emergency heading reference in case of failure or loss of the main compass.

Magnetic compass integration with CompassNet is possible for systems with up to four gyro compasses and provides additional safety in a redundant system approach. All compass data including the magnetic compass is available on one operator unit, the NAVITWIN V Control and Display Unit.



You may also be interested in:



### NAVIGAT 100

Your solution for easy integration and upgrade.



### NAVIGAT 200

Building redundancy for highest system availability.



### CompassNet

Efficiently managing your redundant heading sensors on the bridge.



### NAVIGAT 2500

Reducing the need for onboard maintenance.



### NAVIGAT 3500

Adding highest heading accuracy and motion reference data to your bridge.

## Global Service and Support

Sperry Marine provides service and support on a 24/365 basis at every major port worldwide, at anchor, offshore and at sea. All Marine Service Engineers are all certified to ensure they install, maintain and repair our products to the industry's highest standards on a consistent global basis. Please see [www.sperrymarine.com/services](http://www.sperrymarine.com/services) for full details of all our service locations.

## Find out more

Please visit [www.sperrymarine.com](http://www.sperrymarine.com) for more information on Sperry Marine's complete range of compass solutions. If you would like a quotation, please email [sales@sperryngc.com](mailto:sales@sperryngc.com).

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