

# The Digital Compass Preferred by Racing Sailors Worldwide



## Key Features and Attributes

- Autocompensation ensures  $\pm 0.5^\circ$  accuracy
- Ultra-accurate heading sensor detects even a  $2^\circ$  wind shift
- Large, easy-to-read LCD display
- Head/Lift Mode, Starting Timer, and Off-Course Mode
- Built-in NMEA 0183 GPS repeater
- Separate display, keypad and sensor for convenient installation
- Outputs precision heading data for radars and autopilots

## Shifts Happen™ – Use Them to Win the Race

Picking the right end of the line, the right side of the course, and the favored tack are all critical when you set out to win a race. That's why top sailors worldwide choose the Sailcomp 103AC as their standard. Its large digital numbers, bold graphics, and autocompensation give them the accurate information that they need to make winning decisions.

Sailcomp offers unmatched versatility as a navigation and tactical tool. It precisely determines the favored end of the starting line as well as the favored tack while on the course. Sailcomp includes a built-in timer, bearing memory, and graphical indicators to show wind shifts. The system also outputs precision heading data in the standard NMEA 0183 format, supporting other navigation systems, including radar and autopilots. With a separate sensor, keypad, and displays, you have complete flexibility in choosing where the Sailcomp can be mounted to ensure the easiest access to its controls and invaluable data.

From Olympic dinghies to America's Cup contenders, the rugged Sailcomp compass is the most popular digital compass among racing sailors. Choose the compass that champions around the globe depend on – Sailcomp!



### Stay on Course

*With  $\pm 0.5^\circ$  accuracy, Sailcomp keeps you on course and in the race.*



### See the Data You Need

*The optional Sailcomp Maxi Display makes critical information visible from as far as 25' away.*

# Sailcomp 103AC Digital Compass/Nav Repeater Features

**Remote Sensor** with Continuous Automatic Compensation has a standard NMEA 0183 output for interfacing to other instruments.

Optional **KVH Universal Interface Card** available for most other outputs.

**Waterproof Remote Display:** Heading displayed in precise bold numbers while graphic steering indicator displays windshifts.

Additional displays may be mounted wherever needed.

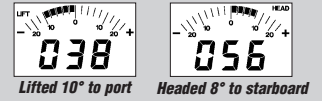
**Junction Box:** Contains Power/Light Switch and 4-level Damping Switch for adjusting compass readout to sea state.

**Waterproof Remote Keypad:** Easy to install with remote mounting for easy access.

**Easy to install yourself!** No complex wiring to do! Everything plugs together with gold-plated connectors.

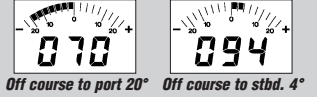
## Display Modes:

**Head/Lift** – Graphically displays windshifts as small as 2° that your competition misses.

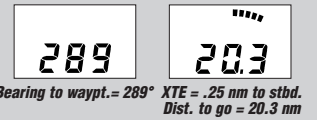


**Starting Timer** – Displays countdown in seconds. After start, automatically changes back to compass.

**Off-Course** – Graphically shows if boat is to port or starboard of the set course.



**Nav** – Interfaced with a NMEA 0183 GPS, display alternates between Bearing to Waypoint and Distance to Go/XTE in .05 nm increments.



## Technical Specifications

Accuracy	±0.5° after Autocompensation
Gimbal Range	±45°
Temperature Range	0°C to +70°C (system) -10°C to +90°C (displays)
Field Strength Sensitivity	6.5 - 65µ Tesla
Number of Repeaters	4 Maximum
Damping Levels	Selectable Range (four levels)
Voltage	12V DC Nominal
Current Consumption	65 mA (light off)/97 mA (light on)
Maxi Display	3.5 mA (light off)/73.5 mA (light on)
GPS Input	NMEA 0183 (Required for Nav Mode)
Deviation Correction	Automatic Compensation

### Interface Capability

Standard Output	NMEA 0183
Optional Interfaces	N+1, Dual Sin/Cos, RS232, Linear Analog, Furuno & Combinations

### Dimensions/Weight (with cables)

Remote Sensor	4.8" D x 5" H/16 oz. (12 x 13 cm/0.9 kg)
Display Unit	4.8" x 3.6" x 0.8"/14 oz. (12 x 9 x 2 cm/397 g)
Junction Box	6.3" x 2.9" x 2.2"/15 oz. (16 x 7 x 6 cm/425 g)
Remote Keypad	4.8" x 1.8" x 0.9"/10 oz. (12 x 5 x 2 cm/283 g)

Meets FCC and CE requirements

Warranty: 2-year parts/1-year factory labour



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