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**Raymarine**

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# ST6001+ Control Unit Quick Reference Guide

## Basic operation

### Auto mode

**Entering Auto mode**  
(Engaging the autopilot)

**Returning to Standby**  
(Disengaging the autopilot)

**Making course changes**

Course changes to **port** ← or → Course changes to **starboard**

**Returning to previous locked heading**

1 sec

**Using AutoTack**

AutoTack to **port** ← and → AutoTack to **starboard**

Default AutoTack = 100°

### Track mode

**Entering Track mode** (from Auto or Wind Vane mode)

then to accept new heading

**Exiting Track mode** Press or

### Wind Vane mode

**Entering Wind Vane mode**

**Exiting Wind Vane mode** Press or

### Autopilot adjustments

**Adjusting response level**  
To make temporary changes:

Use **-1** or **+1** to adjust response level.  
Press **disp** to return to previous mode.

**Adjusting keypad and display lighting**

1 sec

Use **disp** to adjust lighting level.  
Wait 10 sec to return to previous mode.

**Displaying data pages**

Press to:

- show first data page
- scroll through available data pages
- return to previous mode

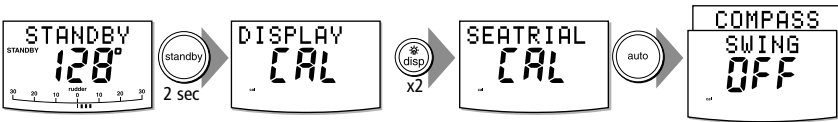
Raymarine

ON BOARD

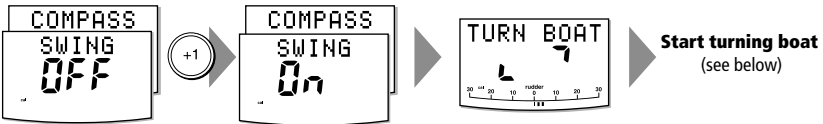
D5502-2

## Compass calibration

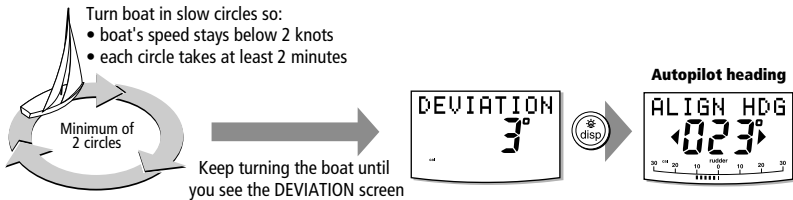
### 1 Enter Seatrial Calibration



### 2 Complete the compass deviation correction




- Turn boat in slow circles so:
- boat's speed stays below 2 knots
  - each circle takes at least 2 minutes

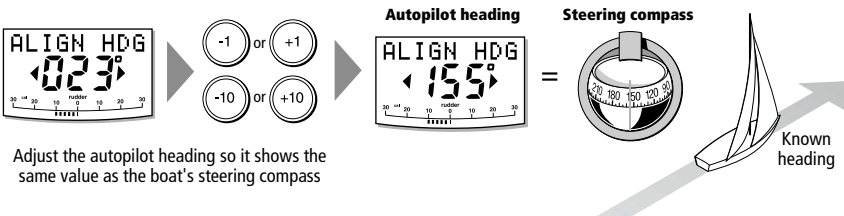


Keep turning the boat until you see the DEVIATION screen

### 3 Align the autopilot heading

**a Coarse adjustment:** If COG is available from GPS, press  to set autopilot heading to COG value, then fine tune manually (see below).

**b Fine adjustment:** If COG is not available (or after setting heading to COG), align autopilot heading manually:



Adjust the autopilot heading so it shows the same value as the boat's steering compass

### 4 Save changes



To:

- save deviation correction
- save heading alignment
- return to STANDBY mode

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