

## CM950 AUTOPILOT

The intelligent autopilot system for both power and sail 6m – 40m.

Suitable for casual cruising, returning to a favourite fishing mark, or setting off on a long haul ocean adventure, the CM950 offers the strength and reliability of an extra hand on the helm.

- ❖ New compact panel-mount control head with:
  - Course control knob with course trim keys
  - Backlit LCD display of heading and rudder angle
  - Eight backlit keys for simple access to control options
  - GPS navigation data on screen when in use
  - On-screen alarm messages
- ❖ Interfaces GPS, wind instruments, satellite and gyro compasses
- ❖ Autotack, Autogybe with adjustable angle
- ❖ Auto and Manual compass calibrations
- ❖ Rate gyro compass
  - Accurate course holding
  - Reduced rudder activity
  - Reduced power consumption leading to reduced fuel consumption on power boats
- ❖ Drive options
  - Linear, hydraulic, rotary, solenoid
- ❖ Remote options
  - Second station, remote steering, jog lever, follow-up lever, electric steering helm
- ❖ Australian made and exported world wide

# COURSEMASTER AUTOPILOTS

## CM950



## CM950

Coursemaster Autopilots has specialised in autopilot design and manufacture for over 35 years and offers a depth of technical steering expertise and service support.

The CM950 autopilot's compact, panel-mount control head features the convenient course change knob with course trim keys and simple one touch functions. Featuring specific requirements for short-handed round-the-world sailing and tournament fishing, the CM950 will enhance your enjoyment of your time on your boat.

Manufactured to perform in one of the harshest marine environments in the world, all Coursemaster Autopilots feature the unique rate gyro compass to maximise performance and minimise the effects of roll and pitch, resulting in lower power consumption and enhanced course keeping.

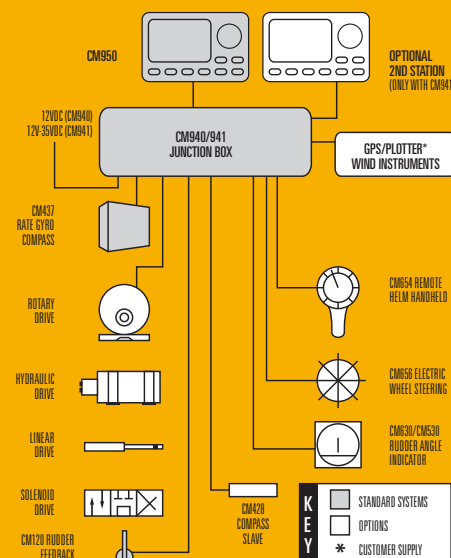
For further details on Coursemaster's full range of tough, reliable leisure and commercial autopilots manufactured in Australia and suitable for vessels ranging from 5m – 150m, please refer to our website [www.coursemaster.com](http://www.coursemaster.com)

## COURSEMASTER AUTOPILOTS

Australia's world leader in autopilot technology

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## EXPANDED INSTALLATION



## SPECIFICATIONS

### CM950 AUTOPILOT

#### SYSTEM SPECIFICATIONS

ENVIRONMENTAL: -10 deg – +50 degC  
HEADING SENSOR: Rate gyro compass or NMEA digital  
INTERFACE: NMEA 0183, 2 x inputs, 1 x output  
STEERING SYSTEM TYPES: Hydraulic, mechanical, solenoid, linear  
ALARMS: Off course, watch keeping, system monitors  
POWER CONSUMPTION:  
Standby: 300mA @ 12VDC  
Pilot: 2.5A @ 20% duty cycle  
Using standard hydraulic pump or mechanical motor

### CM950 CONTROLLER

DISPLAY: Backlit LCD  
DIMENSIONS: 160mm x 110 mm x 27 mm  
MOUNTING: panel mount  
CABLE: 6m

### CM940 JUNCTION BOX

INPUT VOLTAGE: 12VDC  
MOTOR DRIVE: 15 Amp cont / 30 Amp peak  
DIMENSIONS: 207mm x 140mm x 45mm

### CM941 JUNCTION BOX

INPUT VOLTAGE: 12 – 35VDC  
MOTOR DRIVE: 25 Amp cont / 40 Amp peak  
DIMENSIONS: 265mm x 140mm x 45mm

### CM120 RUDDER FEEDBACK

DIMENSIONS: 95mm x 55mm (Arm 145mm)  
CABLE: 10m

### CM437 RATE GYRO COMPASS

ACCURACY: 2 degrees RMS  
ROLL/PITCH: +/- 35 degrees  
DIMENSIONS: 95mm x 55mm  
CABLE: 8m

To view full details and specifications for all drive units and other options available for this pilot, please visit our website:

[www.coursemaster.com](http://www.coursemaster.com) The specifications above are correct at the time of publication. Coursemaster reserves the right to modify specifications in the interest of improving product quality.



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