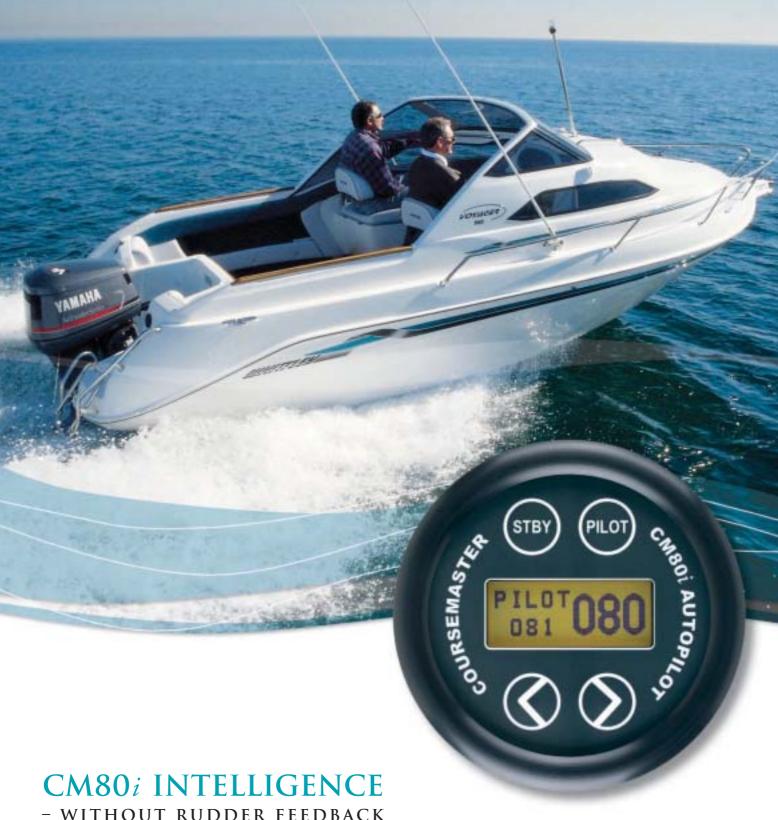
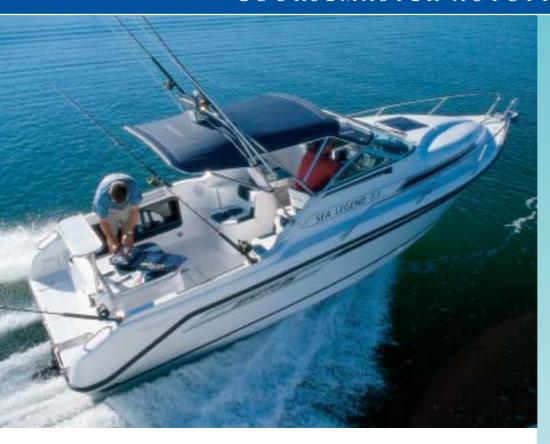
# CM80i AUTOPILOT.



- WITHOUT RUDDER FEEDBACK

The CM80i breaks new ground in intelligent autopilots. The new features of this system make it both easier to install and very easy to use. The intelligence built into the system means that there is no need for a rudder transducer, and the system adjusts itself to suit the boat speed and sea state. The CM80i's compact design fits easily into almost any small boat dash.



## CM80i INTELLIGENCE

The CM80i has been developed primarily for boats fitted with outboard motors and hydraulic steering that are from 5 to 10 metres in length. It is also suitable for boats fitted with stern drives and inboard motors.

The CM80i's intelligent, self-tuning software has eliminated the need for a rudder feedback unit and the simplicity of the whole autopilot system means that it is a more affordable option for all recreational fishermen and trailerboat owners.

The CM80*i* has these components:

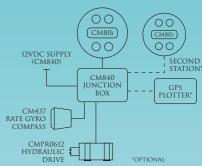
- Control head which suits dash mount
- Rate gyro compass
- Junction box
- Hydraulic drive

Installation can be completed easily and, once installed, requires a simple once only set up procedure which takes less than a minute.

The CM80i interfaces with GPS and has a heading output for use with radar.

For larger vessels, please refer to www.coursemaster.com for our full range of autopilots.

# **EXPANDED INSTALLATION**



### **SPECIFICATIONS**

#### CM80i AUTOPILOT SYSTEM

ENVIRONMENTAL · O-50°C STEERING SYSTEM TYPES: Hydraulic POWER CONSUMPTION: Standby 300mAmps@12VDC Pilot 2.5amps@20% duty cycle using standard hydraulic pump

#### CM80i CONTROLLER

DISPLAY: Backlit LCD dot matrix ALARMS: Off course, watch keeping, system DIMENSIONS: 95mm x 55mm MOUNTING: Panel mount, bracket mount CABLE: 4m

#### CM840 JUNCTION BOX

INPUT VOLTAGE: 12VDC MOTOR DRIVE: 15Amp cont HEADING SENSOR: Rate gyro compass INTERFACE: NMEA 0183, 2 x input, 1 x output DIMENSIONS: 205mm x 140mm x 45mm

#### CM437 RATE GYRO COMPASS

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

#### HYDRAULIC DRIVE

CMPR0612 VOLTAGE: 12VDC TYPE: Reversing CAPACITY: 0.6L/min

These specifications are correct at the time of publication. Coursemaster reserves the right to modify specifications in the interest of improving product quality. For more detailed specifications see our website www.coursemaster.com





# COURSEMASTER **AUTOPILOTS**

Australia's world leader in autopilot technology

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