

## Coursemaster's fully-featured CM82i autopilot without rudder feedback

The simplicity of the automatic set up of this Australian manufactured pilot from Coursemaster Autopilots is only one of the *intelligent* features specifically designed for powerboats with hydraulic steering.

The CM82i has only 4 main components: control head that flush mounts and suits most dash instruments, junction box, hydraulic pump and rate gyro compass. The simplicity of the whole unit makes it easier to install on power cats with hydraulic steering from 5 to 10metres in length and fitted with either outboard or inboard motors.

The wave action between the hulls in a catamaran can create quite different characteristics for an autopilot to handle. The *intelligent*, self-tuning software in the CM82i can cope with the changes in hull speed and often quick and twitchy movements that may be experienced on a cat as compared to a mono hull.

Apart from the fuel cost savings that may be achieved from the enhanced course holding of the rate gyro compass, the CM82i frees a set of hands, and when interfaced with a GPS, will follow a direct course back to a designated fishing location making it an affordable necessity for any offshore fishing expedition.

Owners of small to medium-sized powerboats have always been disadvantaged when purchasing autopilots due to the difficulty of installation, cost, and the fact that the rudder feedback, located in the engine well, is very vulnerable to failure.

The *intelligent* software in the CM82i autopilot has eliminated the need for a rudder feedback unit. Once installed, the CM82i requires a simple, once only set-up procedure that takes less than a minute.

Coursemaster Autopilots Pty Ltd has been designing and manufacturing autopilots in Sydney Australia for 35 years and their new website features their full range of autopilots suitable for boats from 5m to 150m in length. [www.coursemaster.com](http://www.coursemaster.com)

The Coursemaster CM82i  
Control unit

