

# PRM

## Marine Transmissions

# PRM Marine Propulsion Control System

### What does it provide?

- Soft gear engagement for improved comfort.
- Increased vessel control and reduced component wear.
- Features include a trolling capability (variable propeller speed at constant engine revs).
- Automatic adjustment of engine power to match the demands of engine-driven ancillaries, such as power take off (PTO) units.
- Easy installation on electronically controlled engines via the existing CAN-bus system.
- Programmable software to ensure the system is tailored to suit the needs of each individual installation.
- Single, twin and fly-bridge controls available, synchronised in operation through the control system.
- Simple installation / adaptation to mechanically controlled engines via fast response electro-mechanical interface.

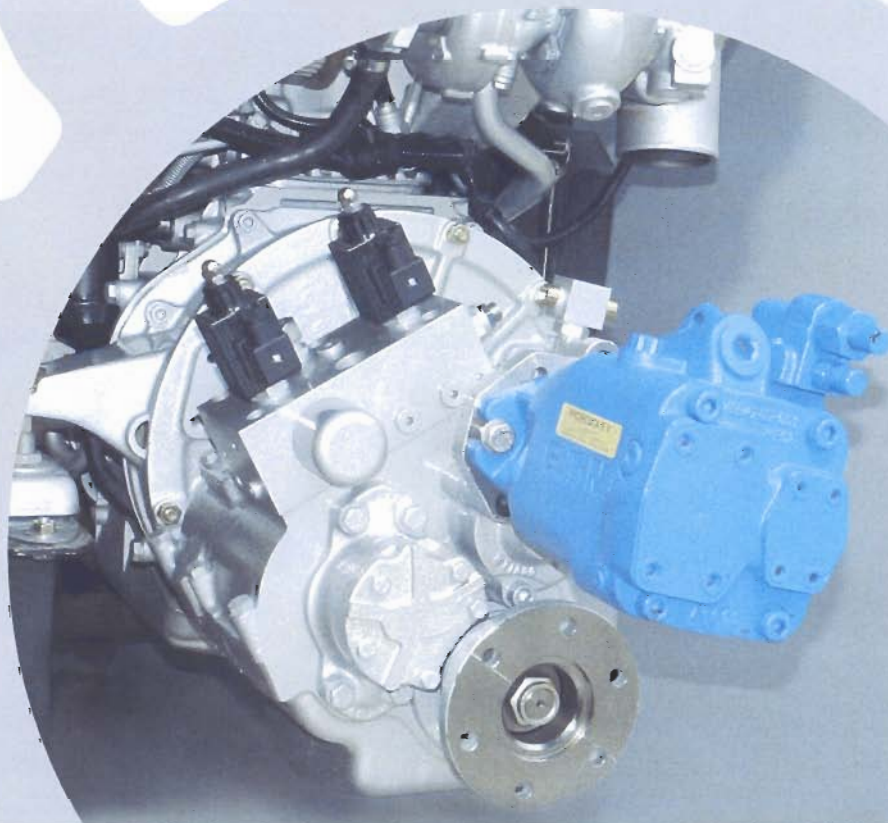
### How does it work?

Designed specifically for PRM series marine transmissions, the new system is suitable for use with both mechanical and electronically controlled engines. The unit's fully interlocked, closed loop control provides stable gearbox output speeds under all engine load conditions. In addition, it allows the sizing of hydraulic pumps and accessories to be optimised, enabling the use of more powerful ancillary equipment in many applications.

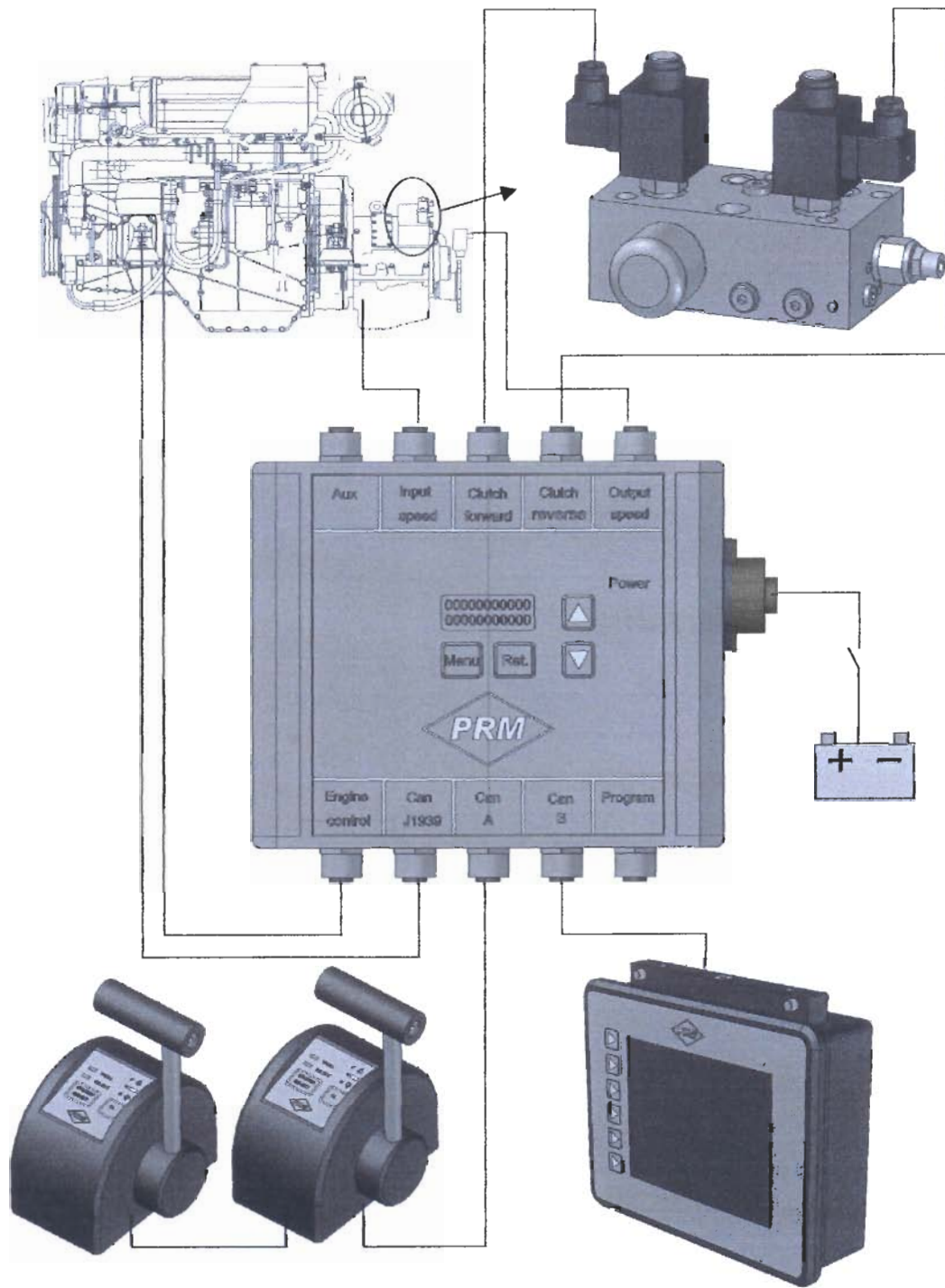
For added safety, the new MPC unit also offers a full manual override in the event of an on-board electrical failure.

### Parts List

- MT8492 Gearbox valve block - 12 Volt
- MT8498 Gearbox valve block - 24 Volt
- MT8493 Single engine control lever
- MT8501 Twin engine control lever
- MT8494 Control box 1 - electronic engines
- MT8495 Control box 2 - mechanical engines
- MT8496 Servo rotating actuator - 12 Volt
- MT8497 Servo rotating actuator - 24 Volt







IMPORTANT NOTE: All information given in this leaflet is correct at the time of going to press. However, in the interests of technical progress, design specifications are subject to change without notice. Accordingly, data given herein should be regarded as a general guide only and does not form part of any contract. Any specific performance requirements must be made known to us in writing with customer orders for goods. Illustrations are approximate only and do not form part of any contract with us; certified installation drawings are available on request. All goods are supplied in accordance with our standard terms and conditions of sale.



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