

Offer More Steering Options to Your Customers



Or from here

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Electro-hydraulic Steering gives you these features:-

- Up to 3 steering stations
- Dual electronically synchronised rudders
- Reliability of Industrial PLC core
- The same steering as used in super yachts
- Backed by years of experience and service

Offering these benefits:-

- Flexibility of layout
- Fingertip control
- Simplicity and convenience of operation
- Reliability, safety and peace of mind

AmbiLogic

The AmbiLogic Electro-Hydraulic steering system is designed for installation in new vessels or for retro-fit into existing vessels. The electronic system can be used with any left-right DC valve controlled hydraulic power steering power pack including both engine-driven and electric power packs.

The system consists of a small control box which is DC powered (12 or 24 V with auto-selection) together with up to 3 steering control stations. Each control station consists of a small selector panel with indicator lights and an audible alarm, plus a choice of conventional 3-turn wheel, single-turn mini-wheel or follow-up lever to control the steering.

The system is based on an embedded PLC (Programmable Logic Controller). This is a robust electronic controller developed for demanding and hostile applications in both the industrial control and marine steering fields. We have been applying this technology to electronic steering for super yachts and commercial vessels for a number of years, setting the standard for robustness and reliability in these steering systems.

Specifications:

No. of Steering Stations :	up to 3
Type of Steer Control :	3-turn wheel, ¾-turn mini-wheel, follow-up lever. May be used in any combination.
Rudders :	1 or 2, electronic sync.
Power :	10.8 to 36 Vdc, 10 W
Hydraulic Valves :	12 or 24 Vdc up to 2A each
Limit Switch Facility :	P and S for each rudder.
Autopilot Connections :	Control Claim and Handover for all 4 valves.
Autopilot Override :	Immediate on pressing Steer button or operation of Joystick.
Joystick :	Input for 3- or 5-wire JS.
Position Indicators :	1 Wheel and 2 Rudder Drive outputs.
Steer Select :	Pushbutton at each station
Steer Indicator :	Auto-dim LED at each station.
Deadband Control :	4 Settings from 0.6 to 2 degrees.
Fault Alarm :	Coded auto-dim LED and audible pulse at each steer station and coded audible pulse at Control Box.
Temperature :	-10 to +55 °C.
Humidity :	unlimited.
Protection :	IP67 subject to correct installation.

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