

# Fly-By-Wire Steering



to eight stations possible.

## Super soft Shifting

Clutch engagement is always gentle, with no rocking. Clutch pressure is increased steadily, when a Trolling Valve is installed.

Several functions are available as an option: Trolling Mode, Remote Engine Start, Starter Lock out, Synchronizer, Speed Control, Joystick, Virtual Anchor Mode and Hover Mode.



## Slow Mode

When maneuvering at low speed, the propulsion and steering system automatically - or manually - switches into Slow Mode. Steerable Stern or Pod or Jet Drives will then be controlled individually, available Thrusters and Trolling Valves will be used automatically.

Even without Thrusters you get massive maneuvering power from individually steered Drives to master a side wind or current and move in any direction.

## Rudder, Throttle and Thruster control

The *Fly-By-Wire Steering Wheel* makes steering easier than driving a car. Turns are gyro stabilized. Avoiding actions become easy. Putting the wheel in its center detent will draw a straight line on your plotter. By deflecting the wheel, the desired turn rate is selected. Toggle switches are used for individual Thruster control and for Speed selection.



Remote control on a 20 ft. (6 m) spiral cord

## Speed Mode

Desired Ground Speed can be selected in Speed Mode with the Joystick or with toggles, similar to common Speed control on the road.

## Engine and Rudder control

Throttle and shift control for single and twin screw vessels. Suitable for mechanical and electronic engines and gear boxes. Up

## AIS MOB Mode

The Vessel automatically returns to a crew member's personal AIS MOB beacon and stops in front of the MOB. The person can then swim to the boat and climb on board.

## Joystick

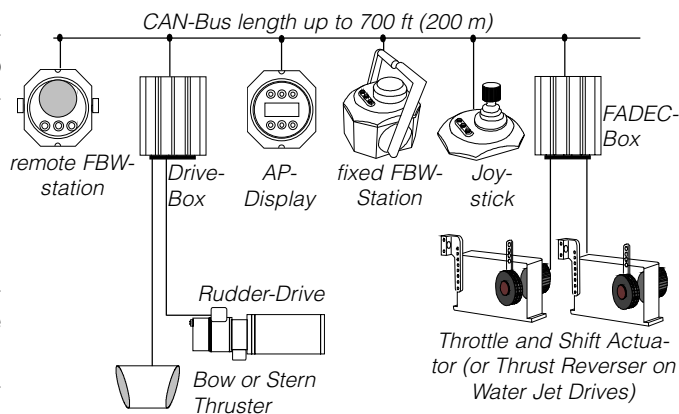
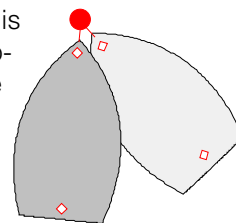
Forget complicated shift, throttle and steering wheel combinations in close-quarter maneuvering. Simply move or twist the Joystick into the direction you want your boat to move. Much easier than the traditional way.



## Hover Mode and Anchor Mode

By pressing a button, the present Satellite-Position is held automatically. A desired relative wind angle or a heading may be selected while hovering. A perfect feature for waiting at the fuel dock or for a bridge or lock to open.

In *Anchor Mode* the boat is tied to a virtual buoy. Buoy position may be adjusted with the Joystick. On single screw boats a bow thruster may be needed.



Throttle or shift actuator for mechanically operated engines. Torque 200 ins.lbs. (22 Nm), pulling force 90 lbs. @ 3 in. travel (400 N @ 80 mm), weight 4 lbs/1.7kg

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