



# PROPILLOT-S

Joystick Control System

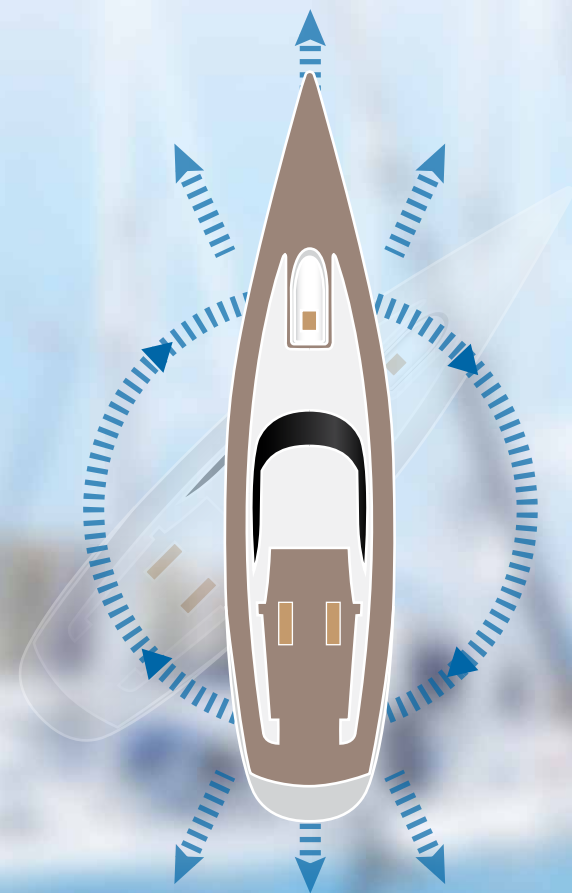


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# Combined Joystick and Propulsion Control

## Joystick Control [Maneuvering]

Maneuver your boat easily using the intuitive joystick - simply move the joystick in any direction or rotate as required and the engine(s) and thuster(s) will work together to move the boat in the required direction.



## Lever Control [Cruising]

Move the lever forward or backwards to control your engines shift and throttle functions.



## Seamless transition

For sailboat applications, the ProPilot-S automatically extends the thrusters when the joystick is initially moved. The ProPilot-S then automatically retracts the thrusters when the cruising lever control is moved forward or backwards.

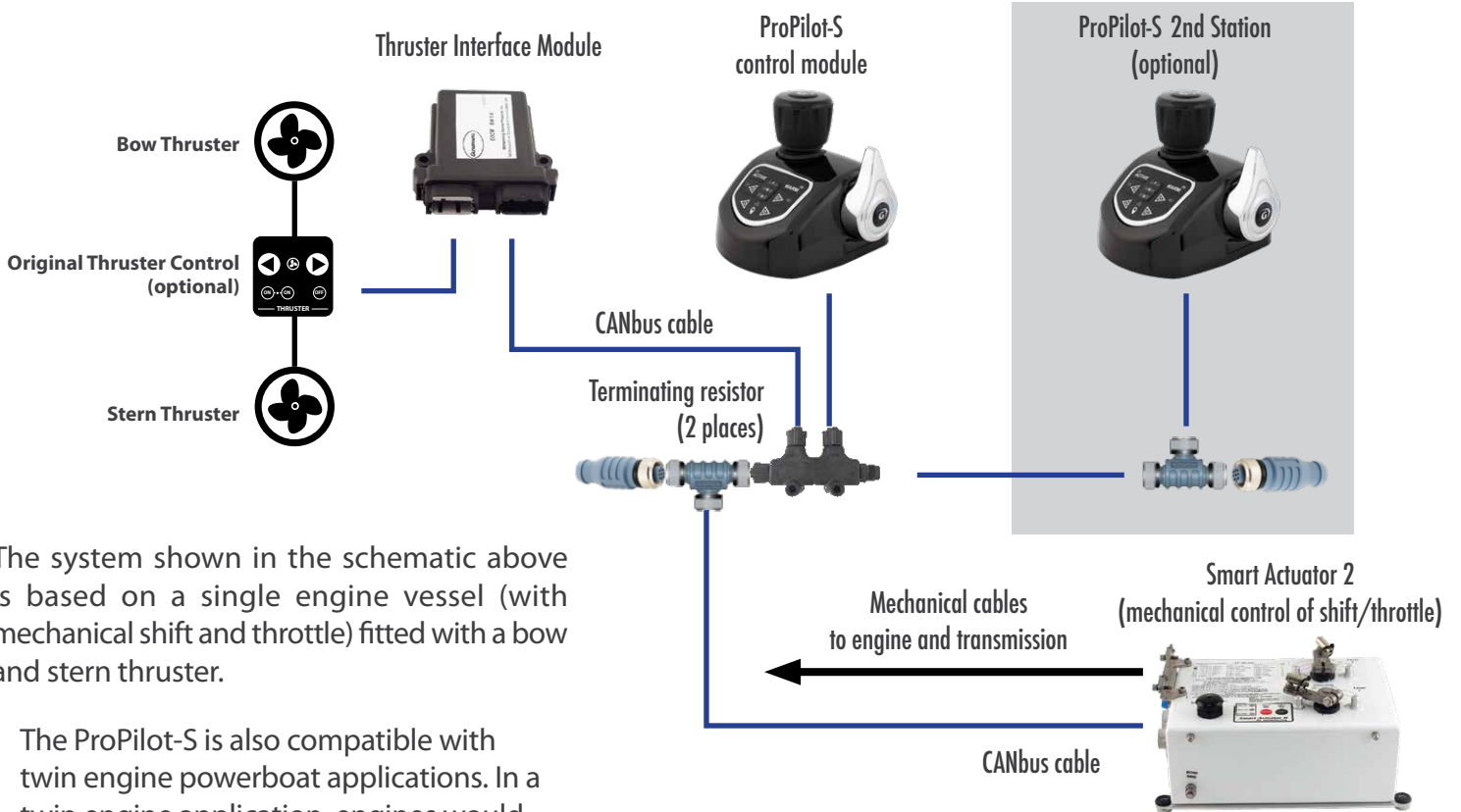
Simply change to whichever control you want to use (lever or joystick) and the ProPilot-S will respond immediately.

- The ProPilot-S replaces the need to have separate bow thruster and engine controls on board, combining all the functions of these in one simple, easy to use, top mounted control head.
- The ProPilot-S control is compatible with any type or brand of thrusters - single speed, proportional, tunnel thruster, or retractable.

- The ProPilot-S is designed to be used on single engine sailboats with retractable thrusters and on other single and twin engine power boats with both bow and stern thrusters.
- This ProPilot-S control is compatible with any type of engine or transmission—either mechanically or electronically throttled.
- Multi-station capability.



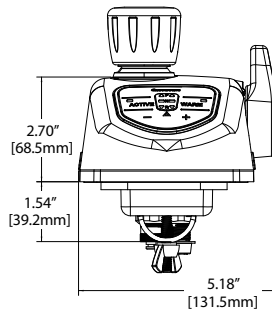
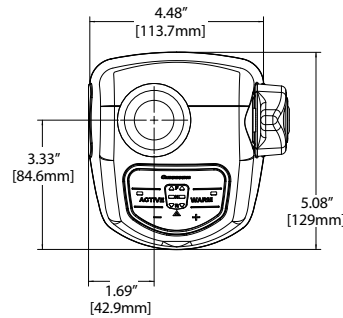
## SYSTEM LAYOUT



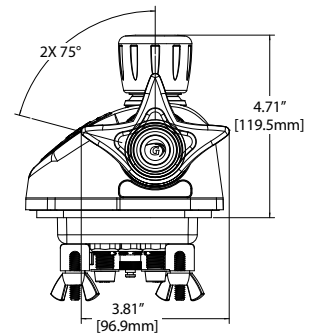
The system shown in the schematic above is based on a single engine vessel (with mechanical shift and throttle) fitted with a bow and stern thruster.

- The ProPilot-S is also compatible with twin engine powerboat applications. In a twin engine application, engines would synchronize under use with control lever and run interdependently under use with joystick.
- In the application above, the Smart Actuator 2 would be replaced with an EEC3/4 processor.
- The ProPilot-S is compatible with any type of proportional and / or hydraulically powered thruster. A different Thruster Interface Module will be used for these applications.

## DIMENSIONS



ProPilot-S



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