Autopilot with Gyro Compass

Has a built in Docking Mode

Autopilot Display

Bright yellow LED-pointer around lower face of display shows the rudder angle. The autopilot mode is indicated In the upper area by red and yellow LEDs.

The digital LCD is used for:

- Actual Heading or Ground Track Display
- Heading or Track Selection
- Waypoint data XTE, CRS, DIST and ETE
- Wind angle selection of apparent or true wind mode (wind sensor required)

Gyro Compass

Tecnautic autopilots are always coming with a Tecnautic Gyro Compass. It is by far the most accurate Sonic Heading Gyro of its class. Your vessel is assured to stay on course in any weather.

Operation and Mode Selection

The upper buttons are for Mode selection, e.g. Heading, Track or NAV-Mode. The desired heading is selected with the lower buttons.

In NAV-mode, a programmed route will be followed automatically,when a plotter or GPS is connected. The cross track error will generally not exceed 20 meters (65 ft). In LAND-mode it will remain below 3 meters (10 ft). Even at waypoints with heading changes, the deviation will remain small. A drift error due to wind or current is corrected automatically.

On yachts, either apparent or true wind mode may be chosen. The target wind angle may be modified anytime, and tacks and jibes may be executed with utmost precision.

Available Thrusters will be used automatically by the autopilot at low speed in Docking Mode. In the case of Water Jet Drives or two independent Stern- or Pod-Drives, a Docking-Mode will be available ***even without thrusters***. Also with two straight shafts the autopilot can move the rudders asymmetrically, to improve maneuverability. With efficient rudders installed, the boat can move purely sideways.

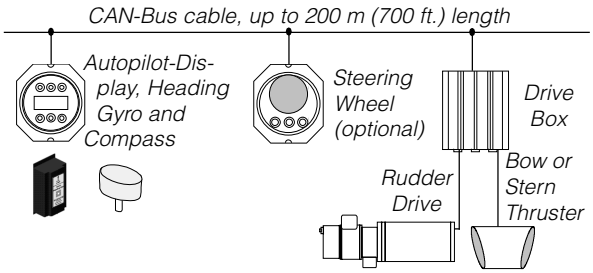
Silent and power saving autopilot

The TECNAUTIC autopilot maintains full rudder torque while controlling the rudder speed from zero to maximum rate. Power drain from the battery is up to four times less than the effective motor current.

www.tecnautic.com

Flat display (115 x130 x 17mm / 4.5x5.2x0.67in.). Installation requires only small hole in the center. Integrated illumination. NMEA Data In- and Outputs at Displays, Steering Wheels and Drive-Boxes.

New: Docking Mode for close-quarter maneuvering. Works with **conventional or electronic throttles.**



Mono Cable System: Instruments, Autopilot, Fly-By-Wire steering wheel or Throttle Station are connected with the same cable. The cable has two wire pairs, one for data and one for the logic supply. Branching of the bus cable is done with RJ-45 connectors which can be installed with a simple crimp tool, if custom wiring is selected. Standard cables have connectors already fitted.

Makes use of an already installed or new autopilot rudder drive. Virtually all reversible and continuous running autopilot motors (including their bypass valves or clutches) may be connected.

On larger vessels, where constant hydraulic pressure is normally available, electric proportional valves will be connected instead of the rudder motor.

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