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NEW FURUNO NAVPILOT® AUTOPILOTS OFFER UNMATCHED PRECISION AND RELIABILITY

Perfect for any size commercial or recreational vessel with a hydraulic steering system

Furuno, the industry leader in marine electronics for commercial and recreational boating, has introduced the new NavPilot® autopilot series, which provides outstanding automatic vessel control under all wind, wave and weather conditions.

NavPilot® is a revolutionary autopilot series designed to work with a variety of vessels, including both in-board and out-boards. It offers precision automatic steering in several different operating modes including Auto (Heading Control), Advanced Auto utilizing automatic ground tracking control, Auto Work for net towing and NAV mode showing course or precision cross track control when integrated with appropriate navigation sensors.

A self-learning and adaptive software algorithm allows the NavPilot® to provide the ultimate in course keeping capability. Essential parameters dynamically adjust for vessel speed, trim, draught, tide and wind effects, dead band, weather, etc. These parameters are stored in system memory and are continuously optimized. Large, easy-to-push buttons allow for one-touch operation for Standby, Auto, Dodge and Nav modes.

A feature unique to the NavPilot® is Furuno's FishHunter™. FishHunter™ enables the vessel to perform Orbit, Figure Eight or Spiral maneuvers around fish targets, wrecks, underwater features, MOB or other points of interest when a target is interfaced with a compatible Furuno sounder, sonar or radar utilizing the TLL feature. So if the sounder or sonar pinpoints fish or the radar shows birds, you can turn FishHunter™ on to guide you to the target. The Orbit mode is also invoked when a MOB is received from a Nav Receiver.

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Another exclusive feature is the Advanced Auto Mode, which memorizes the vessels GPS Lat/Lon (when connected to a GPS receiver), speed and heading. It then creates an internal “Go To” point and maintains a highly accurate and stabilized course over ground without being affected by wind, waves or current. This differs from other autopilots that steer by compass heading in auto mode, making the vessel susceptible to course error due to wind, waves and current.

System and steering data is displayed on a large 4.6” silver bright LCD screen on the NavPilot® 500. The NavPilot® 511 has all of the same features as the NavPilot® 500, but features a 3.4” display housed in a waterproof single DIN (110mm x 110mm) case. You can mix and match up to six NavPilot® control heads. There are a variety of audible and visual alarms including watch alarm, deviation, XTE, Speed, Depth, Temp and Distance. Some alarms may require appropriate navigation sensors.

A NavPilot® can be interfaced directly to Furuno’s NavNet Radar/Chart Plotters, allowing your boat to automatically follow a course set up on the video plotter screen. This makes steering your boat by NavPilot® even easier, especially along a route with many course changes.

Both units are lightweight, and incorporate sealed touch pad controls and a large, gasket-sealed rotary knob, making it ideal for installation on a flybridge or any location on your vessel. Each NavPilot® features a waterproof control unit, processor unit and rudder reference unit (outboard rudder reference unit available). It has two NMEA inputs/outputs and includes programmable NMEA outputs. Every NavPilot® comes standard with a rate gyro compass for fast and stable heading feedback. A variety of heading sensors, Nav sensors, hydraulic pump sets, steering levers and rudder angle indicators are available as options.

For more information on the new NavPilot® Series or any product in Furuno’s full line of marine electronics, contact: Furuno U.S.A., 4400 N.W. Pacific Rim Blvd., Dept. P, Camas, WA 98607. Phone: (360) 834-9300. Fax: (360) 834-9400. www.Furuno.com

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