NAVITRON SYSTEMS LTD

NT1100 TOUCHSCREEN AUTOPILOT

Type Approved for HSC & Conventional Vessels By Notified Body 0098

ISO 16329 & 11674 (2019) / IMO A342 (IX) as amended by MSC 64/67 Annex 3

The Navitron NT1100 Touchscreen Autopilot is fully MED Module B Type Approved and has been designed and developed by Navitron Systems Ltd for professional use on Magnetic and/or Gyro based vessels of all types – including High Speed Craft (HSC). Employing the latest surface mount electronics, the NT1100 is a user friendly, Adaptive Autopilot embodying Navitron's exacting standards for build quality, product performance and reliability.

Model NT1100 *Dims 192mm x 192mm x 89mm (depth)*

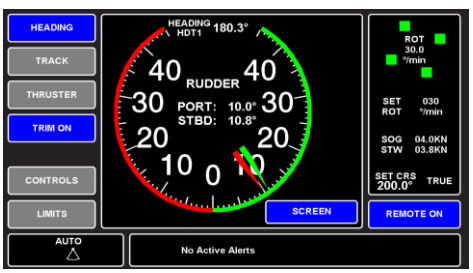
- **Track Steer:** Multi Waypoint Steering via Plotter/ECDIS NMEA Data.
- **NMEA & Pulse Speed Inputs.**
- **4 Mag / Gyro Heading Inputs:** Mag Coil, 2 x NMEA, 1 x Step.
- **4-20mA Draft Input.**
- **Heading / VDR Output Data:** NMEA, Step by Step & Furuno Heading ($xxHTD & $xxRSA VDR).
- **Bowthruster & Rudder Control.**
- **Off Course and Watch Alarms.**
- **Programmable Turns:** RAD & ROT.
- **Auto Stability:** Compensates for Rudder Speed Variations.
- **Fully BAMS Compatible** to IMO Res MSC.302(87).

The NT1100 is suited to both new build and retrofit applications across a wide range including ocean going tugs, passenger & cargo vessels, tankers to High Speed Craft and offers traditional Navitron reliability reinforced by Adaptive Control Technology. The Adaptive Function automatically monitors and self-tunes the Autopilot Parameters to provide Optimum Steering Performance whether operating in a Low Speed Towing mode or on a High Speed passenger ferry underway at 60 knots.

Standard scope of supply comprises the NT1100 Control Unit (suitable for panel mounting), Navitron Rudder Reference Unit and central Distribution Unit. The System is immediately compatible with a wide range of Vessel Steering Configurations including Single and Dual Solenoid Systems and Voltage (±10Vdc) or current driven (4-20mA) Steering Amplifiers.

Autopilot System features include:

- **7" Colour Touchscreen** showing Set Course, ROT, Actual Heading, Speed Data, Rudder Angle, BAMS Alert Messages and Icons.
- **Tape Repeater Display** showing Set Course, Actual Heading and Course Error Bar.
- **Permanent Heading Changes** in 1, 5 & 10 degree steps etc. via Touchscreen Pads.
- **Operator selectable Display Mode and Illumination Control.** (Light characters on a dark background or vice versa).
- **Optional Equipment includes Power Steer Controls, Analogue / Digital Heading Repeaters and Rudder Indicators.**



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NT1100 Autopilot System Configuration