

NAVITRON SYSTEMS LTD

NT1550 Panoramic RAI

The NT1550 Panoramic RAI is the newest addition to Navitron's comprehensive range of MED Type Approved Rudder Angle Indicators. With 3 faces at 90° separation, each face features a 163mm x 80mm graduated scale with 7mm legends for clear indication. The Rudder Position Signal can be either Analogue Voltage, derived from a Rudder Reference Unit mounted potentiometer or, via IEC61162-1 or -2 Serial Data using the \$xxRSA sentence. Designed to be ceiling mounted (including VESA mount option) the unit is compliant with International Performance Standards including ISO 20673, IEC 60945, IEC 61162-1, IEC 61162-2 & IEC 62288.

The case housing is constructed from robust ultra-light PET-G material designed to withstand the rigours of the marine environment.



Product Features Include:

Model NT1550 Panoramic RAI (300 Dia x 125mm)

- 300mm Diameter.
- Illuminated Scale and Pointer for Night Viewing.
- Illumination Level Control by Integral Control, Remote Potentiometer or Control Voltage Signal.
- Comprehensive Installation Set Up Facilities via the Integral 16 x 2 Alphanumeric LCD Display and associated Push Buttons.
- Removable Gland Plate for easy access to Plug / Socket Interface Connectors.
- Serial IEC 61162-1 or -2 \$IIRSA Output with Installation Selectable Update Rate.

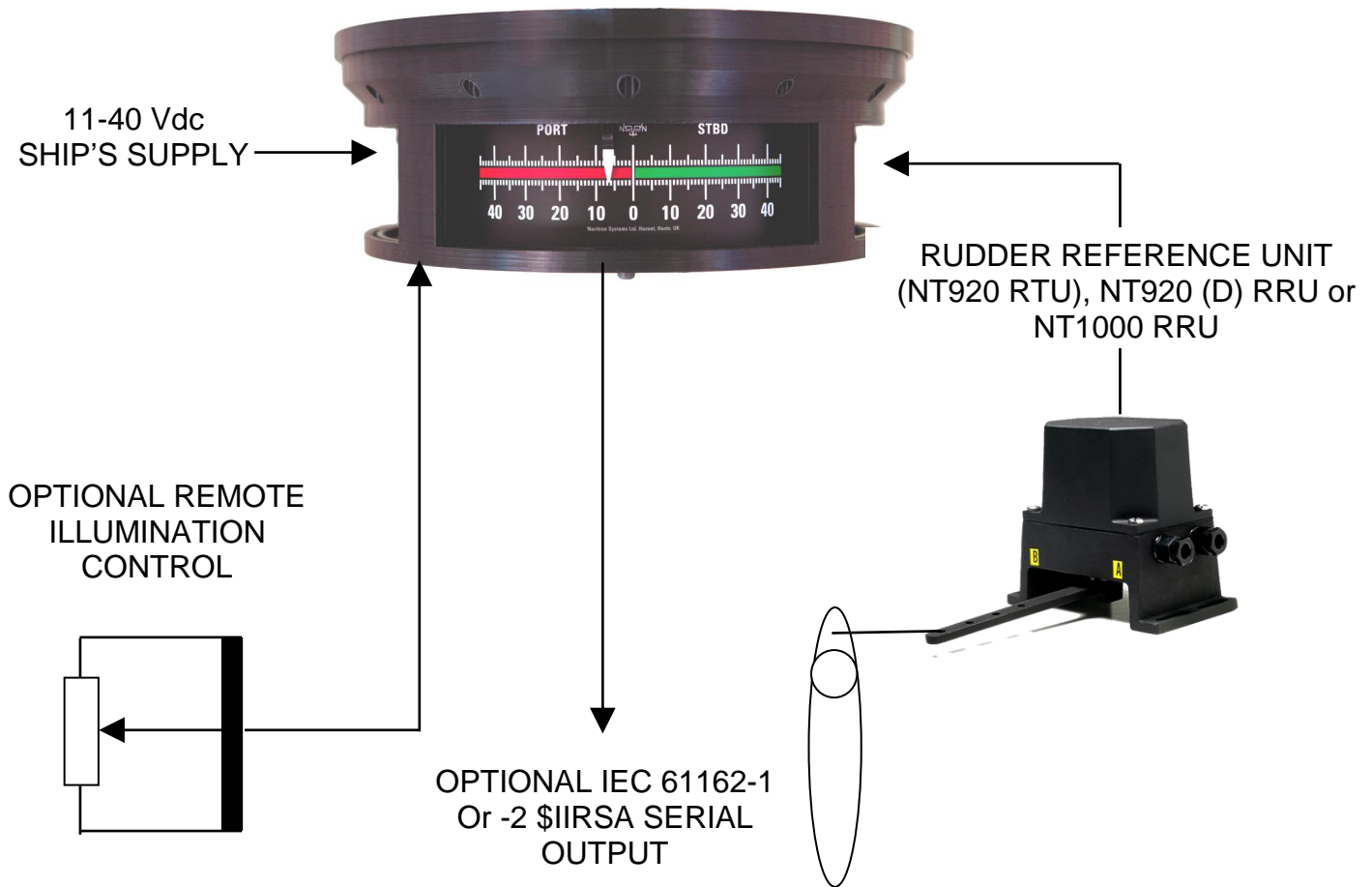
Specification	
Power Supply	24Vdc Nominal (11-40Vdc).
Power Consumption	12W (Preliminary Value).
Analogue Rudder Position Input	0-7Vdc, 3.5V Nominal Midships Value.
Digital Rudder Position	IEC 61162-1 or -2 \$xxRSA Sentence.
Analogue Illumination Control	0-9V or 0-12V.
Serial Input	IEC 61162-1 or -2 \$xxRSA Sentence Accepted. Port / Stbd Rudder Installation Selectable.
Serial Output	IEC 61162-1 or -2 \$IIRSA Output. Repetition Rate Installation Selectable at 1Hz, 5Hz, 10Hz, 20Hz.
Dimensions	Diameter 300mm. Height 125mm. Weight 2.5Kg.



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NT1550 RAI SYSTEM EMPLOYING A RUDDER REFERENCE UNIT



NT1550 RAI SYSTEM USING IEC 61162-1 or -2 SERIAL DATA

