MFD
Multi Function Display

Engineered to the highest standards for grand prix racing, superyachts & classic yachts

- Available with two interface options:
  - Ethernet – for A+T instrument systems using Ethernet network
  - Fastnet – compatible with legacy B&G systems

- Fits into same cut-out, screw holes and wiring as existing B&G H2000 and H3000 displays, no boat building work required to install.
- Completely waterproof, immersible as all A+T displays.
- High working temperature, 75˚C plus.
- Bluetooth link for software upgrades and diagnostics.
- LCD bonded to quality 3mm toughened glass to eliminate condensation clouding.
- Antiglare coated glass with no loss when using polarized sunglasses.
- LCD displays can be selected black on white (for easy daytime viewing) and white on black (to reduce glare from backlight at night).
- Substantial diagnostic capabilities built in including network health and status

- 3-year warranty, see details on A+T website
- 24/7 support provided direct from A+T Instruments Ltd

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A+T INSTRUMENTS

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Interfacing & Power
- Power supply 10-40 V DC.
- Power requirements for day and night mode: 1.1W with backlight off & 2.1W with backlight on.
- Surge protected with self-resetting fuse
- 8-conductor pigtail initially configured for Fastnet connection.
- Ethernet for A+T ATP systems.
- Two-way NMEA0183 serial interface plus MOB and Mini drivers

Mounting & Mechanical
- Slimmer profile than H2000 & H3000 GFDs.
- External overall dimensions 113x173mm.
- Cut-out dimensions 94x152mm.
- Projection in front/behind mounting plane 9/31mm.
- Mounted with 4x M4 self-tapping pan-heads.
- Weight 466g.

Environmental
- IP68 and each unit tested fully immersed for 24 hours before shipping.
- Keypad has 3 independent layers of sealing.
- Neoprene seal between back shell and main body allows for component level repairs.
- All CNC PA66 construction with wall thickness >2.5mm; no corrosion when mounted into carbon.
- Cable connection pigtail is hard wired into unit to keep profile low and eliminate issues with plugs and sockets in potentially exposed areas.
- Each strand of pigtail separately sealed in epoxy on entry to eliminate water wicking up the cable. Pigtail can be cut short to any length – standard length 3m.
- Hermetically sealed and tested for temperature and air transport pressure stresses.
- Operating temperature -10°C to 70°C. Internal temperature sensor and display.

Operation, Diagnostics & Configuration
- Pages may be set up to show as many as 6 separate pieces of information.
- Allows for alternating displays of any variables in any display field.
- Self re-booting if corrupt data received.
- No (practical) limit to external channel inputs.
- Bluetooth module so can be paired with a laptop for field uploading upgrades or custom versions, page configuration, and trouble-shooting.
- Internal network diagnostics: terminator resistance, load display, errors summary and format diagnostic page.
- Internal temperature and humidity measured and logged - humidity error code to allow service before serious damage in case of water ingress.

A+T has no connection or affiliation with B&G/Navico.

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