



INSTRUMENTS

Multi Function Display

Multi Function Display
is engineered to the
highest standards for grand
prix racing, superyachts +
classic yachts.



- It is compatible with existing B&G systems (H2000, H3000 & WTP) plus has future-proof interface and software design to allow for upgrades to new standards and systems.
- Fits into same cut-out, screw holes and wiring as existing B&G H2000 and H3000 displays, no boat building issues to install.
- Completely waterproof, immersible as all A+T displays.
- High working temperature, 70° 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).



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Interfacing & Power

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

Mounting & Mechanical

- Fits in the same cut outs as B&G H2000 and H3000, using same screw holes.
- Slimmer profile than H2000 & H3000.
- External overall dimensions 113x173mm.
- Cut-out dimensions 94x152mm.
- Projection in front/behind mounting plane 9/31mm.
- Mounting 4x M4 self-tapping pan-heads.
- Weight 466gm.

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 .

Warranty and support

- 3-year warranty, see details on A+T website.
- 24/7 support.

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