



Back view of Mil-Spec DU 15 display



Mil-Spec DU 15

Marine Display

MarineNav builds tough, true marine-grade displays capable of performing in the harshest environments on earth. Internationally known for their quality and reliability, our displays are precision-built from high strength marine-grade aluminum and finished in salt rated, UV protected powder coating inside and out. Developed to suit a variety of vessels from climate-controlled luxury yachting to more demanding IP65 rated open flybridge military/naval applications and everything in between, there is a MarineNav display suitable for your needs.

Our Mil Spec series is designed exclusively for the Coast Guard, Defence, and Law Enforcement sectors. Increased bezel depth, tough exterior construction, and EMI shielding makes these displays more robust than our commercial series and ideal for extreme environments. With high brightness, hardened front glass, wide dimming range and available red monochrome night mode, these displays are easily viewable in all conditions. Custom programmable buttons are provided for dedicated, mission specific installations. All MarineNav displays offer a two year warranty (2nd year with product registration).

Never outsourced, the systems we sell are built and tested right here in our Canadian facility. All aspects of your project, from research and development to manufacturing, to after-care support are conducted from the same location. **MarineNav Ltd. Is a registered (CGP) Controlled Goods Program facility.**

Mil-Spec DU Series displays are available in 12" & 15" sizes.

Mil-Spec DU 15 Features

- 1500 nits brightness (upgradeable)
- Sunlight readable performance
- IP65 water-resistance front and rear
- Backlit front controls
- Amphenol connector
- Optional 1 VGA, 1 HDMI, 1 DVI, 2 composite
- Console flush mount
- Available in AC or DC
- Available red monochrome night-mode
- TFT Active Matrix Panel, LED backlight
- EMI shielding
- Two year warranty
(2nd year with product registration*)



© 2020 MarineNav Ltd.

Raise Innovations Ltd.
Brathens Business Park, Hill
of Brathens, Banchory,
Aberdeenshire, Scotland
AB31 4BW
+44 (0) 1330 705050
www.raiseinnovations.com

Mil-Spec DU 15 Specifications

| Features | MSDU-15 |
|-----------------------------------|--|
| LCD Display | 15" TFT Active Matrix Panel, LED backlight |
| Integrated Computer | Not available |
| Brightness | 1500 nits (upgradeable) |
| Contrast | 1500:1 |
| Aspect Ratio | 4:3 |
| Resolution | 1024 x 768 native |
| Optimized Multi-Resolution | Up to 1920 x 1200 supported with scaling |
| View Angle | 160(H), 160(V) |
| Display Colours | 16.7 Million |
| Operating Temperature | -30°C to 80°C (-22°F to 176°F) |
| Primary Connection | Amphenol connection (Optional 1 VGA, 1 HDMI, 1 DVI, 2 Composite) |
| Other Inputs | Power |
| Input Power | 9~30V DC or 100~240V AC |
| Power Consumption | 40 watts |
| Dimming | Wide dimming range to black |
| Front Window | Optical bonded anti-reflective / anti-glare |
| Bezel & Rear Case | High grade marine aluminum |
| Finish | Salt rated, UV protected powder coating (internal and external) |
| Enclosure Options | IP65 from front and rear |
| Backlit Front Controls | Yes, with one-touch hotkeys |
| Bezel Dimensions | 382 mm x 315 mm (15.04" x 12.40") |
| Chassis Dimensions | 366 mm x 299 mm (14.41" x 11.77") |
| Install Depth | 55 mm (2.2") body, 80 mm (3.2") with connectors |
| Installation Options | Console flush mount |
| FCC, CE Approved | Yes |
| Warranty | 2 years (2nd year with registration*) |

MarineNav products are available in a multitude of configurations to provide maximum flexibility and user convenience. Contact us or visit our website at www.marinenav.ca for more details.

* Product must be registered within first warranty year.

While we strive to ensure the accuracy of all items and descriptions in this document, this is not always possible. Specifications, options, and availability subject to change with out notice. Errors and omissions excepted. We reserve the right to limit quantities.



MARINENAV
 BUILT NORTH ATLANTIC TOUGH.
 TRUSTED EVERYWHERE.



© 2020 MarineNav Ltd.

Raise Innovations Ltd.
 Brathens Business Park, Hill
 of Brathens, Banchory,
 Aberdeenshire, Scotland
 AB31 4BW
 +44 (0) 1330 705050
www.raiseinnovations.com