



Back view of Mil-Spec DU 12 display



Mil-Spec DU 12

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 12 Features

- 1100 nits brightness (upgradeable)
- Sunlight readable performance
- IP65 water-resistance front and rear
- Backlit front controls
- EMI shielding
- Amphenol connector
- Optional 1 VGA, 1 HDMI, 1 DVI, 2 composite
- Console flush mount
- Available in DC
- Available red monochrome night-mode
- TFT Active Matrix Panel, LED backlight
- 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 12 Specifications

Features	MSDU-12
LCD Display	12.1" TFT Active Matrix Panel, LED backlight
Integrated Computer	Not available
Brightness	1100 nits (upgradeable)
Contrast	750:1
Aspect Ratio	4:3
Resolution	1024 x 768 native
Optimized Multi-Resolution	Up to 1920 x 1200 supported with scaling
View Angle	170(H), 170(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	10~34 V DC
Power Consumption	21 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	340 mm (w) x 279 mm (h) (13.4" x 11")
Chassis Dimensions	326 mm (w) x 264 mm (h) x 74 mm (12.8" x 10.4" x 2.9")
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.



Backlit Front Controls

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