

# MarineNav Mil Spec DU12

## Marine Display



D-001\_MN\_Mil\_Spec\_DU12-2026-PR1



Rear view of Mil-Spec DU12 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.**

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. 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).\*

**MarineNav Ltd. is a registered (CGP) Controlled Goods Program facility. All aspects of your build, (from research and development to manufacturing, to after-care support) is completed in-house at our facility in PEI, Canada.**

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

### **Mil-Spec DU15 Features**

- 1500 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\*)



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1466 Panmure Island Rd – Rte 347  
Panmure Island PE COA 1R0  
902 838-7011  
[www.marinenav.ca](http://www.marinenav.ca)

# Mil-Spec DU12 Marine Display

## Specifications

Designed,  
engineered &  
manufactured  
on-site. | MN

Features	MSDU-12
LCD Display	12" 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)*

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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](http://www.marinenav.ca) for more details.

\* Product must be registered within first warranty year. Conditions apply. Contact a MarineNav representative or authorized distributor for full details.

MarineNav Ltd. is an ISO 9001:2015 certified company. Our certified Quality Management System ensures that each unit we produce adheres to the strictest standards and complies with customer requirements. While we strive to ensure the accuracy of all items and descriptions in this document, this is not always possible. Specifications, options, and availability are subject to change without notice. Errors and omissions excepted. We reserve the right to limit quantities.



Backlit Front Controls



**MARINE NAV**  
BUILT NORTH ATLANTIC TOUGH.  
TRUSTED EVERYWHERE.



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