

# 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\*)

# Mil-Spec DU12 Marine Display

## Specifications

Designed,  
engineered &  
manufactured  
on-site. | MN

Features	MSDU-12
<b>LCD Display</b>	12" TFT Active Matrix Panel, LED backlight
<b>Integrated Computer</b>	Not available
<b>Brightness</b>	1500 nits (upgradeable)
<b>Contrast</b>	1500:1
<b>Aspect Ratio</b>	4:3
<b>Resolution</b>	1024 x 768 native
<b>Optimized Multi-Resolution</b>	Up to 1920 x 1200 supported with scaling
<b>View Angle</b>	160(H), 160(V)
<b>Display Colours</b>	16.7 Million
<b>Operating Temperature</b>	-30°C to 80°C (-22°F to 176°F)
<b>Primary Connection</b>	Amphenol connection (Optional 1 VGA, 1 HDMI, 1 DVI, 2 Composite)
<b>Other Inputs</b>	Power
<b>Input Power</b>	9~30V DC or 100~240V AC
<b>Power Consumption</b>	40 watts
<b>Dimming</b>	Wide dimming range to black
<b>Front Window</b>	Optical bonded anti-reflective / anti-glare
<b>Bezel &amp; Rear Case</b>	High grade marine aluminum
<b>Finish</b>	Salt rated, UV protected powder coating (internal and external)
<b>Enclosure Options</b>	IP65 front and rear
<b>Backlit Front Controls</b>	Yes, with one-touch hotkeys
<b>Bezel Dimensions</b>	382 mm x 315 mm (15.04" x 12.40")
<b>Chassis Dimensions</b>	366 mm x 299 mm (14.41" x 11.77")
<b>Install Depth</b>	55 mm (2.2") body, 80 mm (3.2") with connectors
<b>Installation Options</b>	Console flush mount
<b>FCC, CE Approved</b>	Yes
<b>Warranty</b>	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](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



**MARINENAV**  
BUILT NORTH ATLANTIC TOUGH.  
TRUSTED EVERYWHERE.



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