



FRONT VIEW OF MAR-24 DISPLAY

► MARINER SERIES

MarineNav Ltd. has developed its cost-effective Mariner Series specifically for commercial vessels requiring dedicated single-input marine grade displays. Ideal for use with Engine Management, Advanced Vessel Monitoring, radar and ECDIS systems, our Mariner displays feature optically-bonded AR glass, 300-400 nits brightness, IP 65 water-resistance (front), and dedicated backlit front controls. All of MarineNav's displays are constructed from marine grade aluminum and come with a two year warranty.

Mariner Series displays are available in 15", 19", 21.5", and 24" sizes and offer a number of options including enhanced brightness, IP 65 water-resistance (rear), and multi-touch (P-CAP) touchscreen.

► FEATURES

- *Optional multi-touch (P-CAP) touchscreen*
- *IP 65 water-resistance front, optional rear*
- *DVI/HDMI & VGA input*
- *Console flush mount or VESA*
- *Available in AC or DC*



RED MONOCHROME NIGHT MODE VIEW



BACK VIEW OF MAR-24 DISPLAY



► MARINER SERIES SPECIFICATIONS

| Features | MAR-15 | MAR-19 | MAR-21 | MAR-24 |
|----------------------------|--|--|--|--|
| LCD Display | 15" TFT Active Matrix Panel, LED backlight | 19" TFT Active Matrix Panel, LED backlight | 21.5" TFT Active Matrix Panel, LED backlight | 24" TFT Active Matrix Panel, LED backlight |
| Brightness | 400 nits | 350 nits | 300 nits | 300 nits |
| Contrast | 1500:1 | 2000:1 | 1000:1 | 1000:1 |
| Aspect Ratio | 4:3 | 5:4 | 16:9 | 16:10 |
| Resolution | 1024 x 768 native | 1280 x 1024 native | 1920 x 1080 native | 1920 x 1200 native |
| Optimized Multi-Resolution | Up to 1920 x 1200 supported with scaling | Up to 1920 x 1200 supported with scaling | Up to 1920 x 1200 supported with scaling | Up to 1920 x 1200 supported with scaling |
| View Angle | 160(H), 160(V) | 170(H), 170(V) | 170(H), 170(V) | 170(H), 170(V) |
| Display Colours | 16.7 Million | 16.7 Million | 16.7 Million | 16.7 Million |
| Temperature | -15 to 55C Operating | -15 to 55C Operating | -15 to 55C Operating | -15 to 55C Operating |
| Video Inputs | VGA, HDMI/DVI | VGA, HDMI/DVI | VGA, HDMI/DVI | VGA, HDMI/DVI |
| Input Power | 9~36V DC or 100~240V AC | 9~36V DC or 100~240V AC | 9~36V DC or 100~240V AC | 9~36V DC or 100~240V AC |
| Dimming | Wide dimming range to black | Wide dimming range to black | Wide dimming range to black | Wide dimming range to black |
| Front Window | Optical bonded anti-reflective/anti-glare | Optical bonded anti-reflective/anti-glare | Optical bonded anti-reflective/anti-glare | Optical bonded anti-reflective/anti-glare |
| Bezel & Rear Case | Marine grade aluminum, salt rated, UV protected powder coating | Marine grade aluminum, salt rated, UV protected powder coating | Marine grade aluminum, salt rated, UV protected powder coating | Marine grade aluminum, salt rated, UV protected powder coating |
| Enclosure | IP65 from front (optional IP65 from rear) | IP65 from front (optional IP65 from rear) | IP65 from front (optional IP65 from rear) | IP65 from front (optional IP65 from rear) |
| Optional Touchscreen | Multi-touch P-CAP, usable with gloved hand | Multi-touch P-CAP, usable with gloved hand | Multi-touch P-CAP, usable with gloved hand | Multi-touch P-CAP, usable with gloved hand |
| Installation Options | Console flush mount, VESA 75 | Console flush mount, VESA 75 | Console flush mount, VESA 100 | Console flush mount, VESA 200 |
| FCC, CE Approved | Yes | Yes | Yes | Yes |
| Warranty | 1 year (2nd year with registration) | 1 year (2nd year with registration) | 1 year (2nd year with registration) | 1 year (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.

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 without notice. Errors and omissions excepted. We reserve the right to limit quantities.

MARINE**NAV**

ISO 9001:2008 certified company

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