



# SmartFind GMDSS NAVTEX Receiver

Tri Channel Professional Colour NAVTEX.  
Provides automatic reception of maritime  
safety and weather information at sea.



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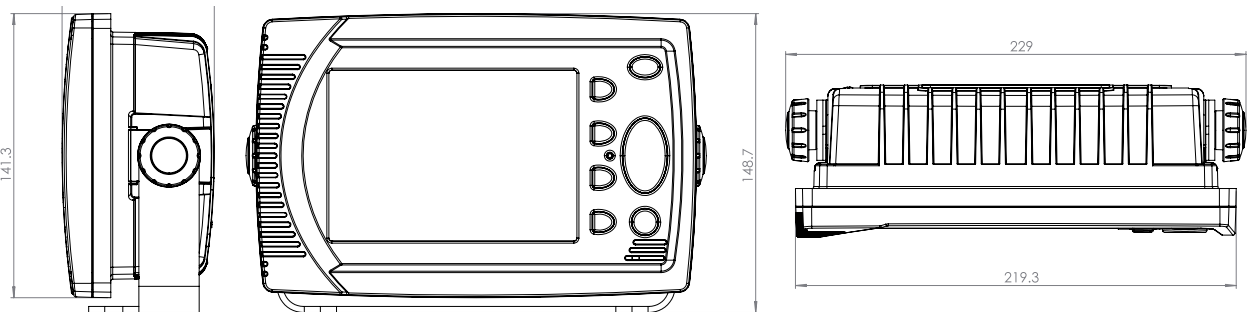
## Tri Channel Professional Colour NAVTEX Receiver

The SMARTFIND Global Maritime Distress and Safety System (GMDSS) NAVTEX provides clear and up-to-date NAVTEX maritime safety information. Three parallel digital receivers simultaneously provide tri-channel monitoring of the international 518 KHz English language service, 490 KHz national language and the 4209.5 KHz long range NAVTEX services. It can either be operated as a stand-alone unit or as part of an integrated navigation or bridge system. SMARTFIND GMDSS NAVTEX is suitable for use on all types of commercial vessel.

- Large 6" colour display
- Simple and intuitive to use
- Easy to read extra large font
- Tri-channel simultaneous reception
- ESM® Enhanced Signal Monitoring
- Printer output
- GPS interface capability
- INS and ECDIS interface capability
- Range of antennas available

## Technical Specifications

Display:	6 inch, ½ VGA (480 x 320 pixels) Daylight viewable colour STN with adjustable backlight and screensaver
Controls:	Backlight/contrast key, Enter key, four soft menu keys, Tracker pad
Receivers:	<b>Receiver A:</b> Frequency 518kHz · <b>Receiver B:</b> Frequency 490kHz · <b>Receiver C:</b> Frequency 4209.5kHz <b>Sensitivity:</b> <2 microvolts · <b>Frequency stability:</b> +/- 10Hz
Connectors:	<b>15 way D-type:</b> Power, Alarm & COM 1 data · (2m cable supplied with connector pre-wired) <b>9 way D-type:</b> Printer/COM 2 · <b>Antenna connector:</b> 50 ohm TNC · <b>Ground connector:</b> 1/8" Spade terminal
Data interface:	<b>COM 1:</b> RS422 (NMEA 0183) IEC 61162-2 serial port · <b>COM 2:</b> RS422 (NMEA 0183) IEC 61162-1 serial/printer · <b>Baud rate:</b> 4800, 38400, 115200 · <b>NMEA sentences supported:</b> (in priority order) RMC, GLL, ZDA for UTC and NRX, NRQ, NMK, ACK, ALR for NAVTEX functions
Alarms:	Vital/SAR message receipt (internal buzzer). Alarm state NMEA message data output COM1/COM2. Remote alarm relay contact 1A @ 120VAC/ 24VDC
Antenna voltage output:	12 V DC @ 100mA (selectable)
Antenna type (option):	50 ohm, dual band 490 -4209.5KHz active or passive
NAVTEX message memory:	300 x 500 character messages per receiver (minimum)
Dimensions:	219W x 151H x 76D mm (excluding connectors) · <b>Weight:</b> 1100g (including bracket)
Environmental:	<b>Operating Temperature Range:</b> -15° to +55°c · <b>Storage Temperature Range:</b> -20° to +55°c <b>Humidity:</b> 0 to 95%, non-condensing · <b>Compass safe distance:</b> 0.87m
Mounting:	Desk-top or bulkhead (flush panel fixing kit included)
Power:	<b>Voltage range:</b> 12/24 V DC nominal (10.8 V to 31.2 V) · <b>Consumption:</b> with backlight on 8.6 W @ 24 V DC Internal auto resettable fuse @ 1.8 A DC
Technical Standards:	IMO Resolutions, MSC.148(77) A.21 (17) · SOLAS Regulation IV/7.1.4, ITU-R M.540-2, ITU-R M.625-3 · IEC 60945-4, IEC 61162-1, -2, IEC 61162-2, IEC 61097-6
Additional Sales Options:	<b>ANA1:</b> light duty active NAVTEX antenna with 20m cable and stand-off bracket · <b>ANA2:</b> heavy duty active NAVTEX antenna with PL socket · <b>Type A:</b> stand-off mounting bracket for ANA2 · <b>Type B:</b> long reach stand-off mounting bracket for ANA2 · <b>Type C:</b> deck mount bracket for ANA · <b>Antenna Cable kit</b> for ANA2, 20m



info@mcmurdogroup.com

www.mcmurdogroup.com

### Service & Support

For service and support, please contact your local distributor or service agent by visiting <http://www.mcmurdomarine.com/find-a-service-centre>



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