



# Model NT-1800



- ★3-frequency GMDSS NAVTEX Receiver
- ★Compliance with MED certified by DNV AS



0098

## Featuring:

**H**igh-end GMDSS model for SOLAS vessels, fully compliant with SOLAS Convention 74, IMO resolution MSC. 148 (77), IEC 61097-6 Ed.2, and other international NAVTEX regulations

**5.7**-inch daylight-viewing color TFT LCD display, backlit with white LED lamps for extra long service life

**S**imultaneous reception of 518 and 490 kHz or 518 and 4209.5 kHz with single-touch switching of displayed messages

**I**ndependent selection of transmitters and message types for display/storage and output to a printer, INS or other onboard PC/NMEA devices

**E**externally acknowledgeable SAR, navigational, meteorological alarms by IEC-defined software command

**A**utomatically displays SAR messages in red, clearly distinguishing them from other message types while audibly alerting the user even for messages received on a second frequency.

**S**electable background colors and text font sizes

**S**ingle preamplified whip antenna (**NA -2000**) with built-in passband filter for each frequency

**I**nterfaces with optional serial printer(**PR -950**) via printer port to print live messages or stored messages.

## Specifications:

**Frequencies:** 518,490 and 4209.5 kHz;  
simultaneous reception of 518 kHz and either  
490 or 4209.5 kHz

**Storage:** 200 messages (average 500  
characters/message) plus 50 protected  
messages against automatic erasure

**Display:** 5.7 "TFT color LCD, LED-backlit,  
20 lines/screen with 40 character/line

**Antenna:** 1.2m preamplified fiberglass whip,  
8V/10 mA fed from receiver cabinet via coax  
cable

**External Interfaces:** INS (RS422), printer  
(RS-232C) and 8-pin I/O data port(NMEA-  
0183, 12V/200 mA output)

**Power Requirements:** 24 VDC (safely  
operates over 11-40V range), approx. 11W

**Weight:** Approx. 2.4 kg with bracket attached

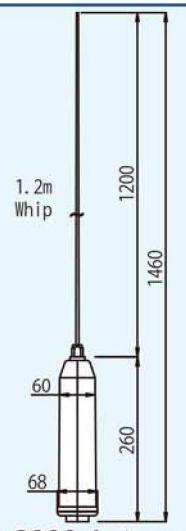
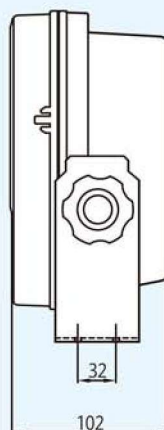
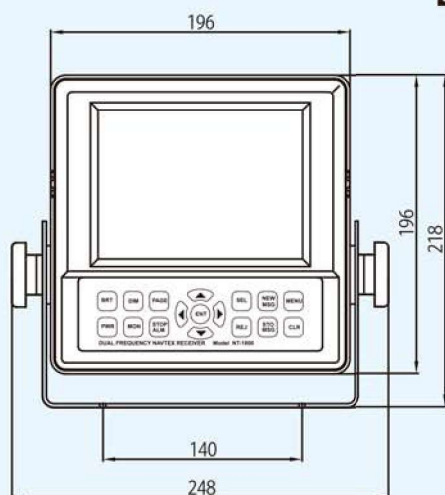
**Environment:** -15 to 55°C (cabinet/operating),  
-40 to 70°C(antenna), 95 % RH, IPX-4  
(protected equipment category)

**Compass Safe Distances:** 0.60m (standard),  
0.35m (steering), with bracket attached

**Major Compliant Standards:** (EU) 2024/1975  
IEC 61097-6 (2005) incl. A1 (2011) and A2 (2019)  
IEC 60945 (2002) incl. Corr.1 (2008)  
IEC 61162-1 (2016)  
IEC 62288 (2021)  
IEC 62923-1 (2018) and IEC 62923-2 (2018)

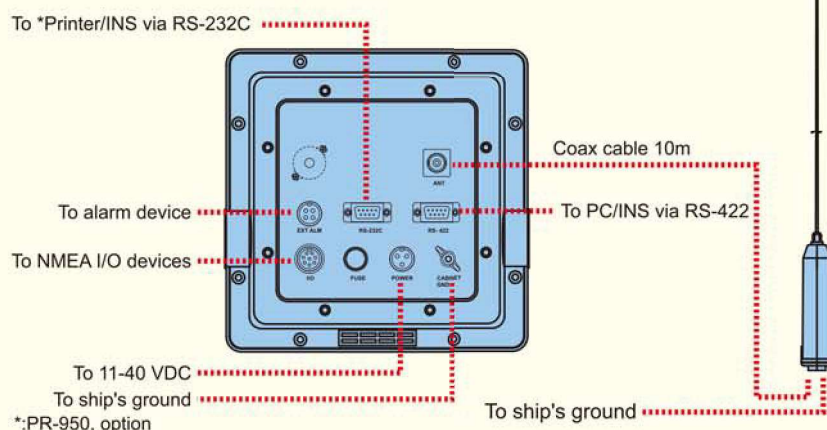
NOTE: Specifications are subject to change without notice or obligation.

## Dimensions (in mm)



NA-2000 Antenna

## Connections to NT-1800 NAVTEX System



## Standard Equipment

(1 pc. each, except as specified):

- NT-1800 NAVTEX Receiver
- Fuse (3A/125V, mini-type), 2 pcs.
- NA-2000 Active Antenna (1.2m whip, with 10m coax)
- Plugs:
  - ALARM output plug (4-pin)
  - I/O DATA plug (8-pin)
  - RS-232C/RS-422 plug (D-Sub9), 2 pcs.
- Receiver Mounting Bracket
- Cabinet Clamping Knob M8 X 15, 2 pcs.
- Power Supply Cable, 3m, terminated in 3-pin plug
- User's Manual