

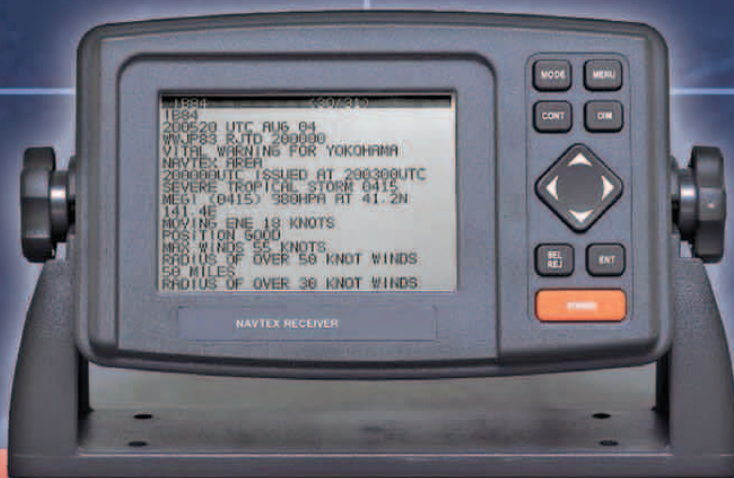


AE-1000

COMPACT MARINE NAVTEX RECEIVER

High reliability at an affordable cost

- Huge Message Storage Capacity
- Wide Dynamic Range High-Sensitivity Receiver
- Output to Your PC to Print



The AE-1000 standard package includes:

- AE-1000 NAVTEX receiver
- User's manual
- Active antenna
- Mounting bracket
- DC cable

www.alden.com

ALDEN AE-1000 COMPACT MARINE NAVTEX RECEIVER

The ALDEN AE-1000 is a compact NAVTEX Receiver that has been designed to offer high reliability at an affordable cost. The AE-1000 is not intended to be used as a GMDSS approved component, but instead it is geared to the recreational user or for use in vessels that do not need to meet compulsory GMDSS requirements.

This NAVTEX unit has a huge message storage capacity. It can store more than 120,000 characters (equivalent to about 300 messages). Received messages are stored in non-volatile memory, and are automatically erased from oldest to newest either when full memory capacity is reached or after a 72 hour period. A wide dynamic range high sensitivity receiver ensures the reliable reception of NAVTEX messages even in the presence of interference on adjacent frequencies.

The NAVTEX message screen is a high contrast 4.5 inch LCD that provides a wide easy-to-read display (32 characters x 16 lines per page). You won't have to use and replace thermal paper again! The AE-1000 provides a fully electronic, economical, maintenance free solution. Both screen backlighting and contrast levels are fully adjustable. Stored messages can be scrolled line-by-line or message-by-message with a single keystroke, and can be output for printout with a PC or for other onboard or shore based applications.

With the appropriate data inputs applied to the built-in I/O port, two additional data display pages can be selected. One is to display the ships position coordinates, heading, and speed. The other one will display depth information in alphanumeric form. A short stainless steel whip-type active antenna is supplied as a standard accessory. Other types of antennas are available as options.

ALDEN AE-1000 TECHNICAL SPECS

Frequency Range	518 KHz
Input Impedance	50 Ohms (nominal)
Antenna	1.2 m Preamplified active antenna
Sensitivity	Better than 1 μ V with 50 Ohm antenna
RF Input Protection	30 Vrms
Receiving Emission Mode	F1B with FEC
Display Screen	4" LCD (high contrast)
Text Display	32 characters per line, 16 lines
EMC	EN 60945
Message Storage	300 Messages (avg.)
Data Output	7 bit ASCII non-parity, 1 stop bit
Power Supply	11 to 40 VDC, 5W
Cabinet Size	
Depth: 80 mm (3.15")	
Width: 215/175 mm (8.46"/6.9")	
Height: 130/108 mm (5.12"/4.25")	
Weight	650 g (1.3 lbs) with bracket
Operating Temperature	-15 to +55° C (23 to 130° F)

Specifications subject to change without notice due to continuous product development & improvement.

WHAT IS INCLUDED WITH THE SYSTEM?

The standard AE-1000 package includes:

- AE-1000 NAVTEX receiver
- User's manual
- Active antenna
- Mounting bracket
- DC cable