



SEATOR 3000G

Radio Telex Modem



- **GMDSS compliant.**
- **State-of-the-art performance for a low price.**
- **Provides ship-to-ship and ship-to-shore data communication.**
- **Compatible with most computers and parallel printers.**
- **Unattended transmission/reception capabilities.**
- **Simple, user-friendly operating procedures.**

SEA has long been recognized as a leader in the design and production of long-distance marine communications equipment. Drawing upon this technical expertise, the SEATOR 3000 is a commercial-quality radio telex (SITOR) modem incorporating state-of-the-art technology at a fraction of the cost of existing telex modems.

Radio telex is a reliable means of obtaining data communications at sea for economical low prices. Many of our competitor's SITOR systems require either a costly modem or the purchase of specific computer components.

The SEATOR 3000 changes that with a range of compatibility with computers and printers that allows you to make the most of any investments already made in a personal computer, printer, or telex-compatible SSB radio. Capable of interfacing with most IBM compatible parallel printers and computer terminals, the compact SEATOR 3000 provides unequaled versatility at an unprecedented price.

With the SEATOR 3000, your radio telex system is driven completely by the modem's software. This not only allows a greater range of possible hardware configurations, but also provides a nondedicated computer that can be used for other functions when not used for sending or receiving telex messages.

Another major feature of the SEATOR 3000 is the freedom you get from monitoring your computer screen for incoming messages. The modem's mailbox feature acts like a telex answering machine allowing you to receive documents, such as catch reports and correspondence while you are attending to normal onboard duties. Up to eight pages of telex messages can be stored in memory until you are free to read them.

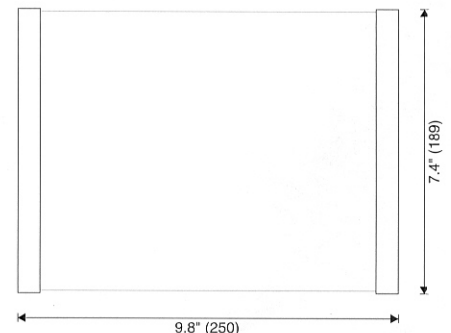
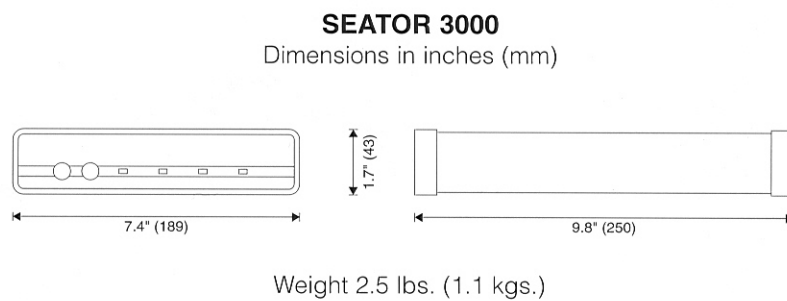
You can also prepare messages in advance ensuring timely communication even when you are busy elsewhere or using your computer for another task.

The SEATOR 3000 also has a full range of modes including ARQ, FEC Broadcast, Selective Broadcast (SFEC), and Baudot. System operation is made user-friendly through menu-driven keyboard commands. Four multi-color LED indicators clearly show the modem's status.

Following in the footsteps of the SEA Shipcom modem,

winner of two NMEA "Best of Category" awards for performance and reliability, the American made SEATOR 3000 is the logical choice for off-shore business communications.

Part of a complete family of well-designed, American-made products from SEA, the SEATOR 3000 offers the same built-in versatility that makes the SEA products so popular among recreational and commercial mariners. For reliable products that fill your radio telex, SSB, VHF, and weather facsimile needs, see your local SEA dealer.



Specifications

General

- Type Acceptance:**..... FCC Part 80.1101(c) (3) & (4)
- FCC ID:** BZ6SEA3000
- Compliance:**..... (CCIR Rec. 476-4, 625-1) ITU R M.493 and M.541 IMO A.804 and A.806
- Operating Position:**..... Any orientation
- Printer Port:** Female DB-25 connector interfaces to any Centronics-compatible parallel printer
- Terminal Port:** RS-232 serial port with DB-9 connector
- Radio Port:** 14-pin Phoenix connector with SEABUSS interface as well as separate unbalanced and balanced audio inputs and outputs
- Primary Supply Voltage:** 8 to 32 Vdc supplied from radio connector; voltages above 18 Vdc require change of internal selection
- Maximum Current:**..... 0.5A

Operating Modes: ARQ, FEC Broadcast, Selective Broadcast (SFEC), and Baudot

Modulator

- Modulation Format:** Continuous phase binary FSK
- FSK Tones:**..... 1615 and 1785 Hz \pm 0.3%
- Baud Rate:**..... 100 baud \pm 30 ppm
- Balanced Output:**..... Approximately 1 V \pm 20% peak to peak, SEABUSS-compatible, internally adjusted downward
- Unbalanced Output:** 1 V \pm 20% peak to peak into 600 ohms, internally adjustable downward

Demodulator

- Balanced Input:**..... Approximately 1-2.5 V peak to peak, SEABUSS compatible
- Unbalanced Input:** 600 ohm input, 1-2.5 V peak to peak



American technology that talks to the world.

7030 - 220th S.W., Mountlake Terrace, Washington 98043; (425) 771-2182; Fax: (425) 771-2650; www.sea-dmi.com