



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 Centronics parallel printers.**
- **Unattended transmission/reception capabilities.**
- **Simple, user-friendly operating procedures.**

SEA has long been recognized as a leader in design and production of long-range marine communications equipment. Based upon this technical expertise, the SEATOR 3000G is a commercial grade radio telex (SITOR) modem incorporating state-of-the-art technology at a lower cost than other telex modems.

Radio telex is a reliable method of establishing data communications at sea for economical prices. Many competitive SITOR systems also require purchasing expensive dedicated computer components.

The SEATOR 3000G is compatible with a range of computers and printers, allowing you to make the most of equipment investments already made in personal computers, printers or telex-compatible SSB radio. Capable of interfacing with Centronics parallel printers and computer terminals, the compact SEATOR

3000G provides versatility and economic value.

With the SEATOR 3000G, your radio telex system is driven completely by the modem's software. This allows a greater range of possible hardware configurations and supports non-dedicated PC use, which can be used for other functions when not in use for telex messages.

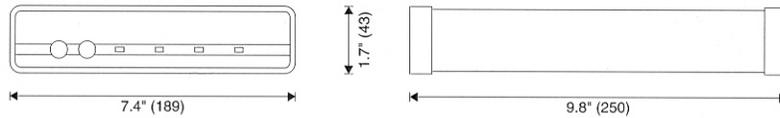
Another major feature of the SEATOR 3000G is the capability to monitor your computer display for incoming messages. The modem's mailbox feature acts like a telex answering machine allowing you to receive documents, such as catch reports and correspondence, while you are attending to normal onboard duties. Up to eight pages of messages can be stored in memory.

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

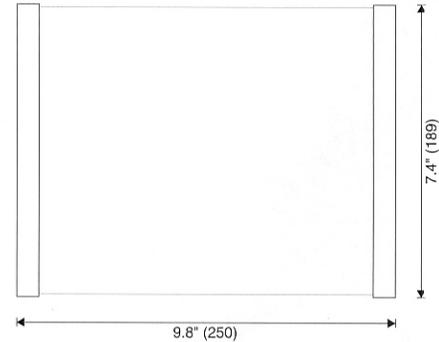
Part of a complete family of well-designed, American-made products and the winner of two NMEA "Best of Category" awards for performance and reliability, the American made SEATOR 3000 is the logical choice for off-shore business communications.

SEATOR 3000

Dimensions in inches (mm)



Weight 2.5 lbs. (1.1 kgs.)



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 compatible Centronics
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

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