

SEAWATCH 7001C-A

4125 kHz Guard Receiver

The SEA 7001C-A is a single channel, crystal controlled HF SSB receiver designed for watch-keeping applications on the International Distress and Calling frequency of 4125.0 kHz. It features high sensitivity and a mechanical filter with steep skirts to assure reception of important distress and emergency traffic. A voice-activated squelch circuit can mute the receiver when no signal is present and can be adjusted or disabled from the front panel.

The 7001C-A can be monitored locally with its internal speaker or in conjunction with the model 7001C-RS remote speaker it can be monitored several miles away over a Telco circuit. All circuitry is conservatively designed for continuous 24 hour, 7 day-a-week operation. The unit is designed for rack mounting.

Since 1975, SEA has been designing and manufacturing leading edge marine communication equipment known throughout the industry for engineering excellence, reliability, and ease of operation. SEA design philosophy has always been to meet or exceed all applicable specifications for all products that we manufacture.

SEA has a worldwide service network to support all of its products. This ensures back-up supply no matter where in the world your ship is operating. There has never been a better time to buy American engineering and manufacturing excellence backed by local service. For the name of the dealer nearest you, please call (425) 771-2182.

Specifications

General

Primary Voltage:	115 VAC, 60HZ
Current Drain:	1.0 Amp Max
Compliance:	Complies with all applicable specs per FCC CFR 47, Part 80
Size:	3.5" (H) x 19" (W) x 8" (D) Panel Mount
Weight:	10.7 LBS
Operating Temperature:	-20°C to +55°C
Panel Controls:	Power/Volume, Squelch, Dimmer

Receiver

Operating Frequencies:	4125.0 KHz
Circuitry:	Fully synthesized, double conversion
Mode of Reception:	USB
RF Input:	50 ohms with VSWR less than 3:1
Sensitivity:	Less than 0.7uV (-110dBm) for 12dB SINAD
AGC:	Less than 10dB audio level change from 10uV to 100mV
SQL:	Voice sensing with front panel control
Stability:	±10 Hz
Bandwidth:	400 - 2600Hz (-6dB)
Speaker Internal:	4 watts at less than 10% distortion into 4ohm int. speaker
Line Output:	600 ohm balanced, -10 dBm to +10 dBm



American technology that talks to the world.

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