



SEAWATCH 7001G

MF/HF DSC Watch Receiver



- **GMDSS Compliant for Sea Areas A3/A4 & A2**
- **Automatically and continuously scans 6 DSC distress frequencies**
- **Backlit and tactile silicone keys**
- **Self-test function**
- **Interfaces with SEACALL 7000 DSC Controller or SEA 245 MF/HF/SSB radios**

SEA has designed and manufactured advanced marine communication equipment for many years, and SEA products are well known throughout the industry for engineering excellence, performance, reliability, long life and ease of operation. The SEA line of approved GMDSS equipment is consistently updated and today these products are even more capable, while remaining ultra reliable and Operator friendly.

The SEAWATCH 7001G is a six channel MF/HF Watchkeeping Receiver. When interconnected to the SEACALL 7000G DSC Controller or the SEA 245 SSB,

the SEAWATCH 7001G permits continuous and automatic scanning of all six (6) Digital Selective Calling (DSC) distress and safety frequencies on the MF/HF frequency bands.

An internal decoder in the SEAWATCH 7001 “watches” for a DSC data preambles that lead every DSC distress message. When these message preambles are detected, the SEAWATCH automatically initiates a detailed distress call detection procedure.

SEA GMDSS products are supported by a worldwide Dealer network. There has never been a better time to buy American made products, backed by local authorized service Dealers.

To locate an SEA dealer nearest you, please call (425) 771-2182 or via email sales@seacomcorp.com

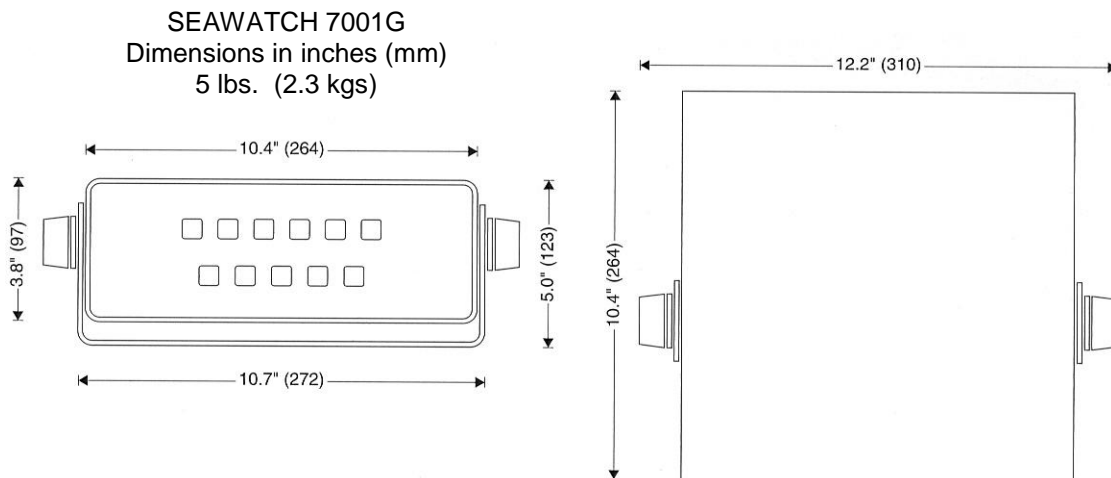
SEA 7001G Specifications

General

Primary Voltage:	12 Vdc +30% -10% (13.6 Vdc nominal), isolated chassis
Current Drain:	750 Millamperes
Compliance:	Complies with CFR 47, Part 80, Subpart W, para. 80.1101 C.E.P.T. T/R 34-01, Annex XIII, IMO Resolution A. 694, ITU Recommendation 493 and ITU.R 541.
Mounting:	Any orientation and bracket mounting
Operating Temperature:	-20°C to +70°C
Safe Compass Distance:	1 meter
Interconnect:	SEABUSS™ (SEA MF/HF SSB Protocols)
Panel Controls:	PWR, DIM, VOL, SCN, TST, 4M, 6M, 12M, 16M
Panel Indicators:	Active channel indicators, CALL indicator, SCAN indicator

Receiver

Operating Frequencies:	2187.5, 8414.5, 4207.5, 6312, 12577 and 16804.5 KHz
Circuitry:	Fully synthesized, double conversion
Scan Watch:	All frequencies within 2 seconds
Mode of Reception:	F1B, J2B
Sensitivity:	Error rate less than 10^{-2} at 1 uV
Stability:	±10 Hz
Bandwidth:	270 - 300 Hz (-6dB)
Line Output:	600 ohm balanced, -10 dBm to +10 dBm



SEA COM CORPORATION

7030 - 220th S.W., Mountlake Terrace, Washington 98043, 425.771.2182 Fax: 425.771.2650 www.seacomcorp.com