SEACALL 7000G MF/HF DSC Controller

- GMDSS Compliant for Sea Areas A2/A3/A4 & A2
- Large, backlit LCD display provides complete information on incoming/outgoing calls
- Tactile keypad for ease of operation
- Multiple calling formats for routine and distress situations
- Quick recall memory function for the 45 most frequently called DSC ID codes, 45 Ne-code ID, 45 radio voice channels, and 8 DSC scan channels.
- Call Log records 40 most recent incoming distress/urgency calls and 40 routine messages
- NMEA 0183 interface for GPS input and transmitting vessel position coordinates
- SEABUSS™ control interface for SEA SSB radiotelephones
- RS232 Serial interface and Printer output

SEACALL 7000G is a Digital Selective Calling (DSC) Controller that manages transmit and receive of DSC messages between DSC equipped HF/MF SSB radios.

Easily operated via the menu driven LCD display, and interfaced via SEABUSS™, the SEACALL 7000G is used in conjunction with the SEA 7001G DSC Watch Receivers and SEA MF/HF SSB radios.

When Routine or Distress messages are received, SEACALL automatically sounds a tone, logs the call into memory, and provides capability to transmit an acknowledgement through the SSB radio.

SEACALL 7000G automatically includes vessel position co-ordinates with DSC calls and Distress messages when interconnected with a GPS system. When a DSC distress signal is initiated, SEACALL will repeatedly transmit the call until the distress is acknowledged.

To learn more about this model or other SEA products, contact your local Marine Electronics Dealer or call SEA COM CORP at (425) 771-2182, or email sales@seacomcorp.com.

Today SEA HF/MF equipment is even more capable while staying ultra reliable and Operator friendly.
SEA 7000G Specifications

General
Supply Voltage: .................................12 Vdc +30, -10% (13.6 Vdc nominal), isolated chassis
Current Drain: ....................................1A maximum
Operating Temperature Range: ........-15°C to +60°C
Safe Compass Distance: ...................1 meter
Navigation Interface: .........................NMEA 0183 Version 2.0 compatible with Loran, GPS, and Transmit equipment. Reads RMA, RMC, GLL, GGA, and TRF sentence formats
Position Update Interval: .................1 minute
Alarms: ...............................................One internal, output for 1 or 2 Watts remote speaker alarms, externally available uncommitted normally open dry relay contact
Display: ..............................................40 character by 4-line backlit LCD
Keypad: ..............................................18 key, backlit with audible feedback
Clock: .................................................Date and time of day, battery backed
Calling Formats: ..............................All formats per ITU Recommendation 493 Class A
Audio Signal Output: .........................0dBm nominal into 600Ω
Audio Signal Input: .........................0dBm ± 10db, 600Ω

MF/HF 7000G Compliance
FCC ID: ............................................BZ6SEA7000
ITU Recommendations: ..............M.493 and M.541
IMO Resolution: .........................A.804 and A.806

MF/HF SSB Radio Interface:
Balanced receive audio, balanced transmit audio, push-to-talk, scan stop with software programmable polarity, SEABUSS™ control interface for SEA radios.

DSC calling Memory:
Non volatile memory for unit DSC ID directories (individual and groups), 45 frequently called DSC ID, Ne-code ID and 45 telephone numbers with alphabetic names, the last 45 radio voice channels and 8 DSC scan channels and the last 40 DSC Distress, Urgent and Routine DSC call types.