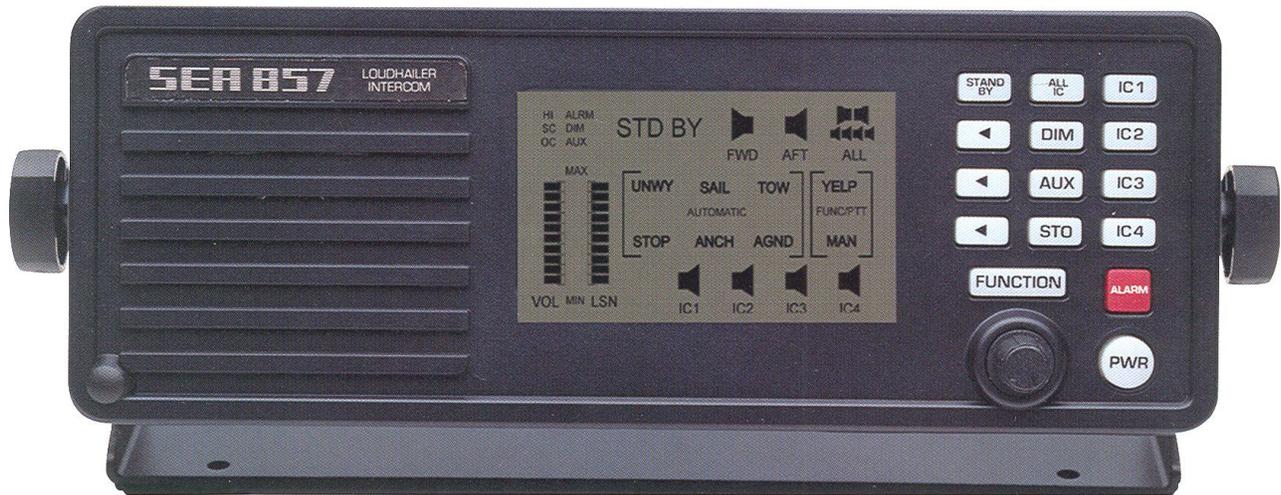


SEA 857

60 Watt Loudhailer/Intercom



Following the tradition of providing quality, high performance communications equipment to fill every mariner's needs, SEA is proud to announce the SEA 857 Loudhailer/Intercom.

Providing a full 60 watts of audio power, the SEA 857 provides the ability to project voice and fog horn tones louder and farther in almost any condition.

The fog horn feature enhances safety by alerting nearby vessels of your vessel's presence and status in low visibility conditions. Eight internationally accepted warning signals are available for a variety of different maritime situations and conditions.

An automatic listen function allows the operator to hear faint sounds from oncoming boats, navigation buoys, or distant voices.

The SEA 857 has the capability to connect up to four intercom stations. This allows 2-way communication between the master station and a specific station or all remote stations. The intercom remains fully functional even while broadcasting automatic warning signals provide continuous communications.

Easy to use as the custom LCD display keeps Operators informed of loudhailer status and the 857's uncluttered layout is designed for simplified operations. Both the display and keypad have adjustable backlighting.

Auxiliary audio input allows transmission of music or other external audio signals to the intercom speakers, the external PA horns, or both.

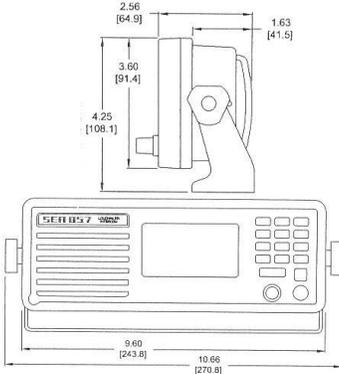
The alarm mode allows the hailer to be connected to a switch that when closed, will sound an alarm (yelp, horn, etc.). The SEA 857 will also advise you if a hailing horn or connection is defective.

- **Full 60 watts of audio power**
- **8 automatic warning signals**
- **Hail, listen and intercom functions**
- **Alarm function**
- **Console mate to the SEA 157 VHF and SEA MF/HF SSB Radiotelephones**
- **Weatherproof construction**
- **Backlit keypad and LCD display**
- **Auxiliary audio input**
- **Alarm Function**

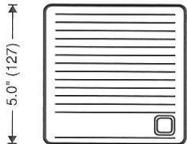
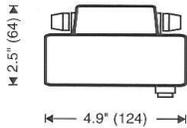
SEA 857 Specifications

Available For Signals: Power Board Underway UNWY
 Sail, Fishing, or Towboat
 Underway Sail
 Vessel under tow Tow
 Vessel stopped Stop
 At anchor Anchor
 Aground Agnd
 Manual Yelp Yelp
 Manual Horn Horn

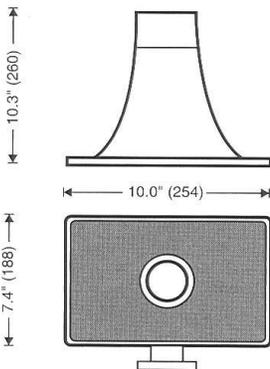
Dimensions in. (mm)



SEA 857
3 lbs (1.4 kg)



INT 8000 Intercom Station
1.4 lbs. (.64 kg)



SPE-8000-01 Horn
6.0 lbs. (2.7 kg)

Output Power: Hailer 60 Watts < 10% distortion
 Intercom 4.5 Watts < 10% distortion
 External Speaker 4.5 Watts < 10% distortion
 Internal Speaker 2.5 Watts < 10% distortion

Input: Microphone Impedance 600 Ohm
 Auxiliary Impedance 10 k Ohm
 Microphone Sensitivity -71dB+/-3dB
 (0dB=1V/μBar)
 AUX Input 1.2Vp (0dB +/-3dB (1 kHz))

Frequency Response: Hail Mode 100Hz - 8kHz 3dB
 Listen Mode 100Hz - 8kHz 3dB
 AUX Mode 100Hz - 20kHz 3dB

Horn Frequency: 500Hz +/-50Hz
Distortion Factor: Hail Mode <10% (1 kHz 30W)
 Listen Mode <1% (1 kHz 2.5W)

Signal to Noise: Hail Mode >60dB (1kHz)
 Listen Mode >60dB (1 kHz)
 AUX Mode >60dB (1 kHz)

Output connections: Hailing horn 2 horns
 Intercom stations 4 speakers and call buttons
 Alarm 1 (dry contact)

Output Impedance: Hailing Horn 8 Ohm
 Intercom Speaker 8 Ohm
 External Speaker 8 Ohm

Power Supply: Supply Voltage 13.6V DC
 Current Consumption 6A (at 60 Watts)
 Standby Current 40 mA

SEA COM CORPORATION

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