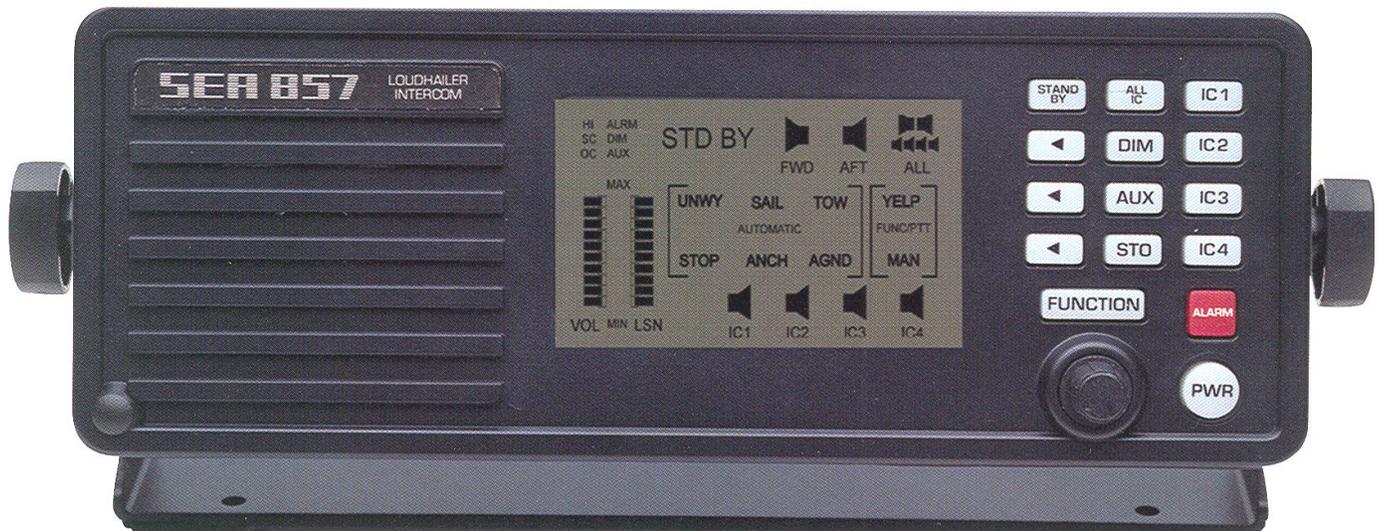


SEA 857

60W 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.

Offering a full 60 watts of audio power, the SEA 857 provides the ability to project Voice and Fog Horn louder and farther in almost any condition.

Eight internationally accepted warning signals can be selected for automatic operation for a variety of different Maritime situations. Enhances your safety by alerting nearby vessels of your presence and status in low visibility conditions.

Between warning signals in the automatic modes, an automatic listen function allows you 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 operation remains fully

functional even while broadcasting automatic warning signals and providing continuous communications.

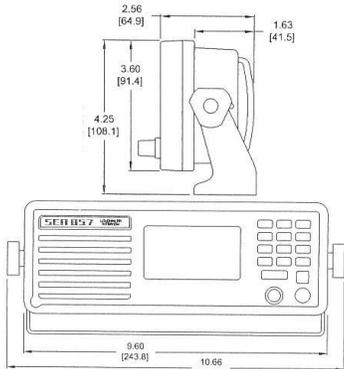
The custom LCD display keeps you informed of the loudhailer status and the 857's uncluttered layout and intuitive operation are designed for ease of operation. Both the display and key have adjustable backlighting.

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

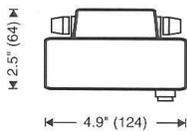
The alarm mode allows the hailer to be connected to a switch when closed will sound an alarm (yelp, horn, etc.). The SEA 857 will even advise you if a hailing horn or connection is defective.

- **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**

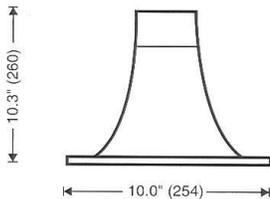
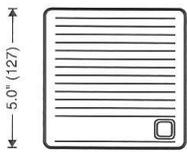
Dimensions in. (mm)



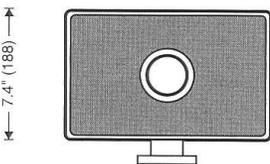
SEA 857
3 lbs (1.4 kg)



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



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



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

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)
Auxiliary Sensitivity 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% (1kHz 30W)
Listen Mode <1% (1kHz 2.5W)

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

Output Impedance: Hail Speaker 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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