



SEA 330

300W HF/SSB Radio System



- GMDSS compliant.
- 300 watts of output power providing a strong signal under difficult conditions.
- Advanced operating system, making for user friendly operation.
- Compact remote control unit.
- Large easy to read backlit display.
- · High quality audio from large up-front speaker.

From SEA, long recognized as the leader in design and production of high quality, NMEA award-winning single sideband radios, comes the SEA 330. The SEA 330 is an affordable 1.6-30 MHz 300W* SSB radio system comprised of a transceiver, the SEA 1630 antenna tuner, and up to four control terminals, all operating from a 24 Vdc power source. Meeting stringent FCC and CEPT specifications, the SEA 330 is a high-power, high performance SSB radio.

The American-made SEA 330's innovative design incorporates maximum features into minimum space. The durable and attractive SEA 330 comes programmed with 1,000 stored channels, yet leaves room for up to 90

user-programmed frequencies. Built-in features include telex compatibility; voice and telex scan modes, a built-in distress alarm, Necode ScanStop accessibility, intercom capability between multiple stations, and self-diagnostic troubleshooting software.

Utilizing SEA's unique "SEAbuss" operating system, the SEA 330 has been designed with ease of operation in mind. Intrasystem communication, accessed via simple control terminal keypad entry, allows all system components to talk back and forth. The result is instant recall of data and frequency information, with display annunciators clearly indicating radio status throughout the process.

The SEA 330 radio system is more than simply interconnected hardware; it is proven expertise in worldwide marine communications. To learn more about the most advanced radio equipment on the water, contact your local marine electronics dealer or call (425) 771-2182.

* 150W output 1.6-3.9 MHz



Specifications

General

program. Necode scan facility. Voice and telex scan mode.

Other Facilities:Two-tone alarm generator. Built-in self-test

Operating Temperature

Range:-30°C to +60°C

Radiotelephone Output

Impedance:50 Ohms. Automatically matched by antenna

tuner.

Receiver

Receiver Principle: Double Conversion, 1^{st} IF 70 MHz. 2^{nd} IF

10.7 MHz

Frequency Range:490 KHz to 30 MHz

Telex: ±250Hz

H3E (AME): <4 uV for 12 dB SINAD

Adjacent Signal

AGC:Less than 6 dB audio level change for 10 uV to 100 mV RF change. Fast attack slow

TO UV to 100 mV RF change. Fast attack s

recovery time.

Clarifier:±200 Hz in 10 Hz steps.

Squelch:Voice-controlled squelch. Opens for SINAD

> 5 dB

Audio Output:4 watt in 4 ohm at less than 10% distortion

Transmitter

Spurious Emissions: Better than 68 dB below PEP Harmonic Suppression: Better than 68 dB below PEP Carrier Suppression: Better than 55 dB below PEP

Undesired Sideband

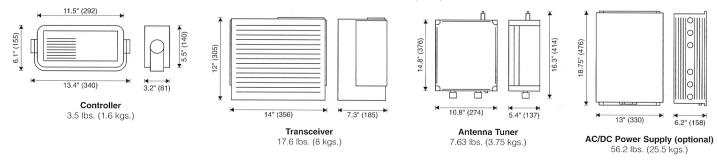
SEA 1630 Antenna Tuner

Antenna:.....7-50m



SEA 330

Dimensions in inches (mm)





American technology that talks to the world.

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