SG-2000 PowerTalk™ ADSP² Transceiver

SUPERIOR HF

SG-2000 *now with* ADSP²

The power packed SG-2000 with ADSP² : A rugged HF transceiver with 1.8 to 30 MHz coverage and 150W PEP output. Type accepted for Marine SSB, the SG-2000 with ADSP² is also a fully capable amateur transceiver with SSB, CW, and AM operating modes. It has a time-proven, reliable design, with a removable operating head which is perfect for remote operation.

SOLID RELIABILITY

Rugged Performance

A built in RS-232 interface allows remote control of the transceiver for ALE or remote operations. The transceiver supports all current HF Digital modes when using an external modem. New features of the SG-2000 PowerTalk with ADSP² include second generation ADSP noise reduction and bandpass filtration, plus a switch selectable alarm generator for emergency operation. Download the SG-2000 DOS interface software and product manual from our website.

TECHNICAL SPECIFICATIONS

General

Operating Modes:	A3A, A3H, A3J, CW, LSB & USB
Frequency Range:	TX: 1.8-30 MHz, RX: .5-30 MHz
Dimensions:	15L x 10W x 5H inches
Weight:	12 pounds
MSRP:	$1,895.00
Options & **Accessories**	**Remote Head Option**, **Power Supply**, external speaker, RS-232 Interface, Cables
Frequency Stability:	+/- 10Hz
Channels:	644 ITU voice & data factory programmed
	100 user programmable (will scan 100)
RF Input/Output:	50 ohms
Current Consumption:	Typically .8A RX, 16A TX
Transmitter power:	150W PEP output
Squelch:	Voice operated with syllabic detection
DC Voltage:	12 VDC
Display:	LCD for frequency/channel
Metering:	S-metering, forward or reflected power
Keypad:	33 keys, including power & up/down all functions
Speaker:	Internal 1W 8 ohm speaker

ADSP² & Alarm Generator

Noise Reduction Levels:	13dB and 26dB
Band Pass Filters:	100, 500 and 1500 Hz
Additional Current Consumption:	Less than 100mA
Tone Rejection:	Better than 57dB
Dynamic Noise Rejection:	Better than 18dB
Alarm Generator:	Switch selectable