



SP 300 SERIES
PORTABLE RADIOS

VHF / UHF SCANNING HANDHELD RADIOS

FEATURES



- **4 Channel Models**
 SP-310 VHF 148-174 MHz
 SP-320 UHF 440-470 MHz

- **16 Channel Models**
 SP-330 VHF 148-174 MHz
 SP-340 UHF 440-470 MHz

- **Programmable RF Output**
 Select 5 or 1 Watt per-channel to maintain clear conversations no matter the environment

- **PC Programmable software options**
 Program multiple scan modes, scan channel delete, CTCSS / DCS signaling, busy channel lockout and more; customize the radio to fit your needs

- **Locking Accessory Connector**
 A locking connector keeps your radio accessories securely attached during demanding use

- **Battery-save Capability**
 By placing the radio into "sleep" mode, radio battery life is extended – allowing you more productive communication hours

Specifications

General	VHF Models	UHF Models
	SP-310/SP-330	SP-320/SP340
Frequency Range	148-174 MHz	440-470 MHz
Channels	4 / 16	
Channel Spacing	30 / 25 / 15 / 12.5 kHz	
PLL Step	5.0 / 6.25 kHz	
Channel Spread	26 MHz	30 MHz
Antenna Impedance	50 Ω	
Operating Voltage	7.2V DC Nominal	
Battery Life (1350 mAh NiMH battery)	>8 Hours @ 5W (90-5-5 duty cycle)	
Operating Temperature	-22°F to +140°F (-30°C to +60°C)	
Frequency Stability (-30°C to +60°C)	± 2.5 ppm	
Dimensions (H x W x D) (with battery)	5-9/16" x 2-1/4" x 1-7/16" (141 x 57 x 37 mm)	
Weight (with battery and antenna)	16.4 oz. (465 gm)	
FCC Identifier	F3J130-140V2	F3J130-140U2
FCC Compliance	Parts 22, 74, 80 90.210	Parts 22, 74 90.210, 95A

Specifications

Transmitter	VHF Models	UHF Models
	SP-310/SP-330	SP-320/SP340
RF Output	5 Watts or 1 Watt (programmable per channel)	
Spurious and Harmonic Emissions	65 dB	
Modulation	16K0F3E, 11K0F3E	
FM Hum and Noise	>40 dB @ 12.5 kHz	>45 dB @ 25 kHz
Audio Distortion	2%	
Receiver	VHF Models	UHF Models
	SP-310/SP-330	SP-320/SP340
Sensitivity 12 dB SINAD	25 μV	
Selectivity	>65 dB @ 12.5 kHz	>75 dB @ 25 kHz
Intermodulation	70 dB	
Spurious Response	75 dB	
Audio Output	400 mW @ 2Ω	400 mW @ 8 Ω
	(Method @ <10% THD level)	
	Measurement procedures made per ANSI/TIA / EIA-603 Specifications are subject to change without notice	