

# SP-300 Series VHF/UHF programmable scanning portables

## specifications

### general

	VHF model SP-310V / SP-330V	UHF model SP-320U / SP-340U
--	--------------------------------	--------------------------------

FCC Identifier	F3J130-140V2	F3J130-140U2
IC Certification Number	153 195 280A	153 195 281A
FCC Compliance	Parts 22, 74, 80, 90	Parts 22, 74, 90, 95
Frequency Range	148- 174 MHz	440- 470 MHz
Channels	4 / 16 (Programmable in 5 kHz steps)	4 / 16 (Programmable in 6.25 kHz steps)
Channel Spacing	30 / 25 / 15 / 12.5 kHz (Programmable per channel)	
Frequency Stability (-30° C to +60° C)	± 0.0005%	± 0.0005%
Battery	Ni- Cd 7.5V DC	Ni- Cd 7.5V DC
Battery Life	>8 Hours @ 5W	>8 Hours @ 5W
Operating Temperature	-22° F to +140° F (-30° C to +60° C)	
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 (w/battery)	16.4 oz. (465 gm)	
Materials	Die cast chassis, polycarbonate case	

### additional features

VHF: 148 - 174 MHz; UHF: 440 - 470 MHz

Multiple scan features:

Normal channel scan

Priority channel scan

Look back

Compact, single PCB design

The SP-300 Series radios are manufactured under ISO 9002 quality standards. Maxon's commitment to quality is acknowledged worldwide and is a part of every product we manufacture.



ISO 9002  
Certification

### transmitter (measurement procedures made per ANSI/TIA/EIA- 603)

RF Output	5/1 Watts programmable per channel	
Channel Spread	26 MHz	30 MHz
Spurious and Harmonic Emissions	-60 dBc	-60 dBc
Modulation	16K0F3E, 11K0F3E	16K0F3E, 11K0F3E
FM Hum and Noise	- 40 dB	- 40 dB
Audio Distortion	<5% at 1 kHz	<5% at 1 kHz

### receiver (measurement procedures made per ANSI/TIA/EIA- 603)

Sensitivity		
12 dB SINAD	.28 µV	.31 µV
20 dB Quieting	.5 mV	.5 mV
Selectivity	> - 65 dB	> - 65 dB
Channel Spread	26 MHz	30 MHz
Intermodulation	- 65 dB	- 65 dB
Spurious and Image Rejection	- 70 dB	- 70 dB
Audio Output	450 mW	450 mW
FM Hum and Noise	- 40 dB	- 40 dB

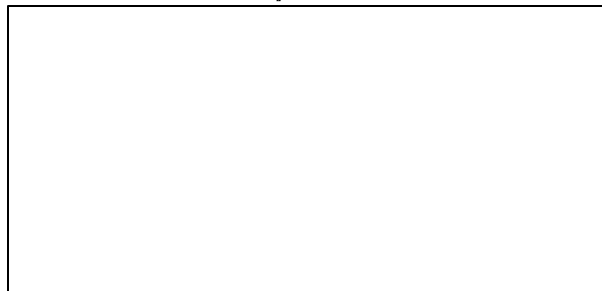
Specifications are subject to change without notice.

The SP-300 Series Radios are FCC certified for use in U.S.A. and its possessions, and IC approved for sale in Canada. Please ask your Maxon Dealer for additional information.

### accessories / options

ACC-200	1350 mAh Ni-MH Battery pack
ACC-101VLB	VHF Antenna, 5-1/2" (150-162 MHz)
ACC-101VB	VHF Antenna, 5-1/2" (162-174 MHz)
ACC-104UW	UHF Antenna, 3-1/2" (440-470 MHz)
ACC-405	6 Unit gang charger assembly kit
ACC-430	6 Unit gang "fast" charger
ACC-435	6 Unit gang "slow" charger
QPA-1130	Dual slot/dual rate "smart" charger
QPA-1135	Pedestal charger
ACC-730	Speaker / Microphone w/ locking connector
QPA-1491	Leather case w/swivel
QPA-1495	Nylon case

### For more information, contact:



Topaz3, LLC

10828 NW Air World Drive

Kansas City, Missouri 64153

816/891-6320, Ext. 699 • Fax: 816/891-8815

www.topaz3.com