

maxon

Professional Two-Way Radio

SP-1102 - 5/1 Watt VHF Portable Series

SP-1402 - 4/1 Watt UHF Portable Series

Small - Simple - Powerful

Features:

- 16 Channel
- 12.5 or 25 kHz Channel Bandwidth
- CTCSS/DCSS Encode/Decode
- 2-Tone Decode
- Multiple Scan Modes
- Nuisance Channel Delete
- Call Button
- Four Function Programmable Option Key
- PC Programmable
- Radio to Radio Cloning
- Busy Channel Lockout
- Password Protection
- Time Out Timer/Tx Inhibit
- Battery Power Save
- Li-Ion 1500 mAh Battery
- Battery Life 8.5/11.5 hr Hi/Lo Pwr
- Polycarbonate Cabinet, Aluminum Diecast Chassis
- Locking Accessory Connector
- Meets Mil Std 810F - IP54





Professional Two-Way Radio SP-1102 and SP-1402 Series

Preliminary Information

Specifications

GENERAL

SP-1102	148-174 MHz
SP-1402	440-470 MHz
Channel Spacing	25/12.5 kHz
PLL Channel Step	2.5 kHz, 5 kHz, 6.25 kHz
Power Requirement	7.5 VDC
Current Drain	Tx Hi: 1.9A, Tx Lo: 1A Rx 200 mA, Stby 80 mA
Battery Life (hrs)	8.5 @ 5W, 11.5 @ 1 W
Temperature Range	-22° to 140° F, -30° to +60° C
Dimension (H/W/D)	4.5 X 2.2 X 1.6 inches
Weight	10.6 oz
Environment	Mil Std 810F/IP54
Construction	Polycarbonate Cabinet Aluminum Diecast Chassis
Accessory Jack	Single 3.5 mm

Manufactured to ISO-9001:2000 quality standard.



Transmitter

Output Power	5/1 Watt VHF 4/1 Watt UHF
Max. Freq Deviation	5 kHz / 2.5 kHz
Frequency Error	+/- 2.5 ppm
Spurious Emissions	-60 dBc
Adjacent Channel	-60 dB (ETS; 12.5 kHz) -70 dB (ETS; 25/30 kHz)
FM Hum & Noise	-34 dB@12.5 kHz -40 dB@25 kHz
Harmonic Distortion	<5%@rated modulation

Receiver

Sensitivity	.25 uV (12dB SINAD)
Adjacent Ch Reject.	-50/60 dB
Spurious Response	-60 dB
Intermodulation	-60 dB
Audio Output	500 mW

Accessories

- Dual unit desktop charger - fast rate
- Li-Ion 1500 mAh battery
- PC Programming Cable
- Cloning Cable
- Small speaker mic with PTT, audio jack
- Standard speaker mic with PTT, audio jack
- Acoustic ear mic with lapel PTT/mic
- Earhook speaker with lapel PTT/mic
- Earhook speaker w boom mic in-line PTT

FCC / Industry Canada

SP-1102	RXUSP1102	153B-SP1102
SP-1402	RXUSP1402	153B-SP1402

Standard Package

Radio Unit with battery, belt clip, antenna.
Rapid Rate Charger with power supply.

Contact Information



TecNet International, Inc.

11535 W. 83rd Terrace, Lenexa, KS 66214
 Tele: 800-456-2071 Toll Free U.S.
 Tele: 913-859-9515
 FAX: 913-859-9550
 Web: www.tecnetusa.com
 e-mail: tecnet@tecnetusa.com