

maxon

SM-5000 Series

Professional Two-Way Radio

SM-5102 - 50 Watt VHF (148-174 MHz)

SM-5402 - 45 Watt UHF (440-480 MHz)

Powerful Features For A Mobile Environment

- 208 Channels, Up to 13 Groups (Dynamic)
- Alpha Numeric Display (8 Characters)
- 12.5/25 kHz Channel Spacing
- CTCSS/DCS
- DTMF Encode/Decode, DTMF ANI
- Secall Encode/Decode, Selcall ANI
- Preset Message System (9 preset text messages)
- Multiple Scan Modes
- Multiple Transmit Options for Scanning
- Nuisance Channel Delete
- Stun/Revive - System Management Feature
- Programmable Function Buttons
- PA Function, External Speaker Jack
- Busy Channel Lockout
- Time Out Timer/Tx Inhibit
- Meets Mil Std 810F

3 YEAR
WARRANTY

Optional Bluetooth Mobile
Dongle Kit - Model TBM-500BTD





SM-5000 Series Mobile Radios

NOTE: Some features indicated by specifications listed are prohibited by FCC rule and are not available on models sold in the U.S. or its territories.

Specifications

General

SM-5102	VHF (148-174 MHz)
SM-5402	UHF (440-470 MHz)
Channels	208, Max 13 Groups
Channel Spacing	12.5/15 kHz (U.S. only) 12.5/25 kHz (outside the U.S.)
Dimension (H/W/L)	1.9 x 6.2 x 6.9"
Weight	50.8 oz (3.2 lbs)
Operating Voltage	13.8 V DC
PLL Channel Step	2.5 kHz, 5 kHz, 6.25 kHz
Frequency Stability	± 1.5 ppm (1.1 Kg to 140F°)
Current Drain	0 W Tx-9A, 25 W Tx-6.5A Rx @ Max Audio 600 mA Standby 110 mA
Operating Temperature	-22° to 140° F, (-30° to +60° C)
External Audio Jack	3.5 mm 8 µ
Data Port	15 pin Hi-Density D
Environment	Meets Mil Std 810F

Approvals	FCC	Industry Canada
SM-5102	RXUSM5102 /	153-SM5102
SM-5402	RXUSM5402 /	153-SM5402



Manufactured to ISO-9001:2000 standard.

Transmitter

Output Power	VHF 50 W, UHF 45 W
Spurious and Harmonic	60dB
FM Hum & Noise	36dB (12.5 kHz), 42dB (25 kHz)
Audio Distortion	< 2% Int., < 10% Ext.

Receiver

Sensitivity	.25 uV 12dB SINAD
Adjacent Ch Reject.	60dB (12.5 kHz), 70dB (25 kHz)
Spurious and Harmonic	70dB
Intermodulation	-65 dB
Audio Output Power	4W Int. 8W Ext.

Specifications are subject to change.

Standard Package

Radio, heavy duty microphone, mounting hardware and 12V fused power cable

Accessories

- Heavy Duty Microphone
- Power Supply 110/220V AC
- PC Programming Cable
- PC Programming Software
- Desktop Base Station Microphone
- External Speaker
- Bluetooth Mobile Dongle TBM-500BTD

Contact Information



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