

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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