Specifications

General	
Frequency Range	VHF: 136-174MHz/UHF: 400-480MHz
Channel Capacity	16
Channel Spacing	25KHz/12.5KHz/6.25KHz
Operating Voltage	7.4V DC (±20%)
Battery Capacity	2200mAh(Li-ion)
Frequency Stability	±2.5ppm
Antenna Impedance	50Ω
Operating Temperature	-20℃to +60℃
Weight	242g(including battery pack)
Dimensions	60(L)×36(W)×123(H)mm
Transmitter	
Power Output	5W
Modulation	16K ¢F3E/ 11K¢F3E /8K¢F3E
Noise and Harmonic	≤-36dBm
FM Noise	-40/-35 dB
Audio Distortion	0.05
Adjacent Channel Power	≥70 dB(wide)/60 dB(narrow)
Modulation Limitation	≤2.5KHz/12.5KHz(narrow)
Receiver	
Sensitivity	≤0.165uV(Wide)/ 0.2uV(Narrow)
Adjacent Channel Selectivity	≥70dB(width)/ 60dB(narrow)
Intermodulation	≥65dB(width)/ 50dB(narrow)
Spurious Suppression	≥70dB(width)/ 50dB(narrow)
SNR	≥45dB(Wide)/ 40dB(Narrow)
Rated Audio Output Power	500 mW
Rated Audio Distortion	≤5%

Accessories

• Standard Accessories

Short Antenna

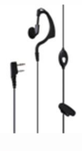
Belt Clip

Battery

Charger

Hand Strap

• Optional Accessories

Programming Cable

Earpiece

Car Charger

Remote Speaker

Long Antenna

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Communications for Effciency and Safety

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BF-S50

Analog Portable Radio

BF-S50 is a handheld two-way radio with a compact and rough design to guarantee durability of performance. With a comprehensive set of analog features and a long-lasting battery life, our BF-S50 is built to satisfy all the conventional communication needs for small businesses and amateur users.

Main Features

- VOX
- Monitor
- Channel Scan
- PC Programming
- Squelch Level (0-9)
- Voice Prompt
- Time-out-timer(TOT)
- Wide/narrow Band Switch
- CTCSS/CDCSS and STE
- Busy Channel Lockout(BCL)

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