

Specifications

General	
Frequency Range	UHF: 400-480MHz
Channel Capacity	16
Channel Spacing	25KHz(Wide)/12.5KHz(Narrow)
Operating Voltage	7.4V DC (± 20%)
Battery Capacity	2200mAh(Li-ion)
Frequency Stability	± 2.5ppm
Antenna Impedance	50 Ω
Operating Temperature	-20°C to +60°C
Weight	242g(including battery pack)
Dimensions	60(L) × 36(W) × 123(H)mm
Transmitter	
Power Output	≤ 5W
Modulation	16K φ F3E(Wide) 8K φ F3E(Narrow)
Noise and Harmonic	≤ -36dBm
FM Noise	≤ -40 dB
Audio Distortion	0.05
Adjacent Channel Power	≥ 65 dB(Wide)/55 dB(Narrow)
Modulation Limitation	≤ 5KHz(Wide) /2.5KHz(Narrow)
Receiver	
Sensitivity	≤ 0.165uV(Wide)/ 0.2uV(Narrow)
Adjacent Channel Selectivity	≥ 60dB(Wide)/ 50dB(Narrow)
Intermodulation	≥ 60dB(Wide)/ 50dB(Narrow)
Spurious Suppression	≥ 60dB(Wide)/ 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



BF-S50

Analog Portable Radio

BF-Free446 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)

