Specifications

General	
Frequency Range	VHF:136-150, 150-174MHz UHF:340-370, 370-400, 400-430, 420-450, 440-470, 490-520
Channel Capacity	99
Channel Spacing	25KHz/12.5KHz
Antenna Impedance	50Ω
Voltage	13.8V DC cathode grounded
Current	≤11A
Operating Temperature	-30℃~+60℃
Dimensions/Weight	483(L)*88(W)*340(H) mm/ 9.7kg
Transmitter	
Power Output	50W
Frequency Stability	≤ ±2.5 ppm
Modulation Mode	16K ¢F3E(Wide) 8K¢F3E(Narrow)
Max Frequency Deviation	≤5KHz(Wide)/2.5KHz(Narrow)
Audio Distortion	≤3%
Audio Response	+1/-3dB
Adjacent Channel Selectivity	70dB at 25KHz, 60db at 12.5KHz
Spurious RF components	-36dBm(<1GHz) -30dBm(>1GHz)
Receiver	
Sensitivity (at 12dB SINARD)	Better than 0.25μV(Wide) Better than 0.28μV(Narrow)
Frequency Stability	≤ ±2.5 ppm
Co-channel Suppression	≥-7 dB
Adjacent Channel Selectivity	≥70 dB
Intermodulation Rejection	≥65dB
Spurious Response Rejection	≥65 dB
Block	≥90 dB
Audio Output Power	1W (8Ω)
Audio Response	+1/-3dB
Audio Distortion @ Rated Audio	≤3%
Bandwidth	20M
Environmental Specifications	
Operating Temperature	-20℃~ +60℃
Storage Temperature	-30℃~ +85℃
Dust& Water Proof	IP67
Humidity&Shock & Vibration	Per MIL-STD-810 C/D/E/F Standard

Accessories

- **Standard Accessories**

Fuse Power Supply Cord

- **Optional Accessories**

Programming Cable Remote Speaker

BelFone
Communications for Effciency and Safety

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BF-5000

Analog Repeater

Our versatile BF-5000 meets a variety of communication needs. Besides the conventional repeater mode, BF-5000 can also work as a base station and support such dispatching features as remote kill/stun/revive. The built-in CTCSS/CDCSS helps to filter out unwanted signals and increase repeating efficiency.

Main Features

- Kill/Stun/Revive
- PC Programming
- CTCSS/CDCSS
- High Repeating Power
- Time-out-timer(TOT)
- Base Station /Repeater Dual Modes

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