



Specifications(BF-990)

General	
Frequency Range	VHF:136-174MHz; UHF:350-390MHz,UHF:400-470MH
Channels	128
Channel Spacing	25KHz/12.5KHz
Operating Temperature	-20℃~+60℃
Antenna Impedance	50Ω
Working Voltage	13.8V (±15%)
Working Current	TX<8A,RX<1A,Standby<0.4A
Frequency Stability	≤±2.5ppm
Dimensions	145(L)*135(W)*40(H) mm
Weight	1.16kg
Transmitter	
Power Output	30W
Modulated Mode	16K0F3E(width) 8K5F3E(narrow)
Noise and Harmonic	-36dBm<1GHz -30dBm>1GHz
FM Noise	45dB(width)/40dB(narrow)
Audio Distortion	≤3%
Modulated Limitation	≤±5KHz(width)/±2.5KHz(narrow)
Receiver	
Sensitivity	≤0.25uV(width)/0.28uV(narrow)
Adjacent Channel Selectively	≥75dB(width)/70dB(narrow)
Intermodulation Rejection	≥75dB
Spurious Response	≥75 dB
Audio Power Output	2W(inter) 4W(outside)
Audio Distortion	≤3%

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