

BFDX Model: BF-770 Dual Band VHF/UHF Two-Way Radio Handheld Transceiver



BFDX Model No.	BF-770 Distributed by JACC
	General
	Dual-Band
Frequency Range	136-174MHz, 400-470MHz
Channels	16
Channel Spacing	25 kHz (Wide) / 12.5 kHz (Narrow)
Operating Temperature	-4°F to 140°F / -20°C to 60°C
Antenna Impedance	50 Ohms
Working Voltage	7.4V DC (+/-20%)
Battery Capacity	1800 mAh (Li-ion)
Frequency Stability	+/- 2.5 ppm
Dimensions	2.4" x 1.5" x 4.1" / 60 x 39 x 103 mm
Weight	0.515 lbs / 234g (including battery pack)
	Transmitter
Power Output	≤ 5 Watts
Modulation Mode	16K ϕ F3E (Wide) / 8K ϕ F3E (Narrow)
Clutter and Harmonic	≤ -36 dBm
FM Noise	≤ -40 dB
Audio Distortion	≤ 5%
Adjacent Channel Power	≤ 65dB (Wide) / ≤ 55dB (Narrow)
Modulation Limit	≤ 5 kHz (Wide) / ≤ 2.5 kHz (Narrow)
	Receiver
Sensitivity (at 12dB SINARD)	≤ 0.165uV (Wide) / ≤ 0.2uV (Narrow)
Adjacent Channel Selectivity	≥ 60dB (Wide) / ≥ 50dB (Narrow)
Intermodulation Rejection	≥ 60dB (Wide) / ≥ 50dB (Narrow)
Spurious Rejection	≥ 60dB (Wide) / ≥ 50dB (Narrow)
Signal to Noise Ratio	≥ 45dB (Wide) / ≥ 40dB (Narrow)
Audio Output Power	500 mW
Audio Distortion	≤ 5%

