

Technical Specification

Model No.	FD-A280	FD-A380
General		
Frequency Band	VHF	UHF
Frequency Range	136-174MHz	450-470MHz 403-420MHz
Channel Capacity	15+1	
Operating Voltage	7.2V DC \pm 10%	
Antenna Impedance	50 Ω	
Channel Spacing	12.5KHz/25KHz	
Working Temperature	-30°C ~ +60°C	
Frequency Stability	\pm 2.5ppm	
Size (Without Antenna)	54(W)x125(L)x34mm(D)	
Weight(With Battery)	About 320g	
Battery	1, 300mAh (Ni-Mh) / 1, 100mAh (Li-Ion) Battery	
Compatible With American Military Standard(MIL-STD-810C/D/E)		
Transmitter (EIA-RS 316B STANDARD)		
RF Power Output	5W/4W	
Modulation Type	F3E	
Modulation Distortion	<5%(300-3000Hz)	
Max Freq Deviation	<5KHz(1000KHz When 100%)	
FM Noise	<=-45 dB	
Receiver		
Sensitivity(12Db SINAD)	0.16 μ V	
Selectivity	55dB	
Adjacent Channel Selectivity	>=70dB	
Noise Respond	>=60dB	
Communication Range	3-5km(Downtown),6-20km(In The Open Area)	
FM Noise	45dB/40dB	
Modulation Type	16KOF3E	
Audio Power Output	500mW When Distortion Less Than 10%	
Audio Distortion	<5%	
Operating Bandwidth	\pm 7KHz/ \pm 3.5KHz	

Due to technology advancements the technical of real products maybe slightly different from the above data