

Technical Specification

Model No.	FD-3108
General	
Frequency Band	UHF
Frequency Range	450-470MHz 400-420MHz
Channel Capacity	16
Operating Voltage	6V DC \pm 15%
Antenna Impedance	50 Ω
Channel Spacing	25KHz
Working Temperature	-30 $^{\circ}$ C - +60 $^{\circ}$ C
Frequency Stability	\pm 2.5ppm
Size (Without Antenna)	53(W) \times 103(L) \times 29mm(D)
Weight(With Battery)	About 245g
Battery	1200mAh(Ni-MH)
Compatible With American Military Standard(MIL-STD-810C/D/E)	
Transmitter (EIA-RS 316B STANDARD)	
RF Power Output	2.5W
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	1-3km(Downlow),4-10km(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

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