

General

Frequency Range	VHF:66-88MHz	
Channel Capacity	128	
Channel Spacing	25KHz(wide band) 20KHz(middle band) 12.5KHz(narrow band)	
Operated Voltage	DC 7.4V	
Battery	1800MAh Li-ion MAX	
Battery Life	(5-5-90 duty cycle) About 16 hours	
Frequency Stability	±2.5ppm	
Operated Temperature	-20°c-+55°c	
Antenna Impedance	50Ω	
Dimensions (L×W×H) (with battery and antenna)	120×60×34 mm	
Weight (with battery/antenna)	222g	
Communication Range	about 1-7km(Note: Talk Range Depend on your specific using environment)	
Receiver	Wide band	Narrow band
Sensitivity (12dB SINAD)	≤0.25 uV	≤0.35 uV
Adjacent Channel Selectivity	≥70dB	≥60dB
Intermodulation	≥65dB	≥60dB
Spurious Response	≥70dB	≥70dB
Audio Response	+1-3dB(0.3-3KHz)	+1-3dB(0.3-2.55KHz)
FM Noise	≥45dB	≥40dB
Audio Distortion	≤5%	≤5%
Audio Power Output	1000mW	1000mW
Transmitter	Wide band	Narrow band
RF Power Output	<5W MAX	
Modulation	16K/F3E	11K/F3E
Adjacent Channel Selectivity	≥70dB	≥62dB
FM Noise	≥40dB	≤36dB
Spurious Emission	≤-36dB	≤-36dB
Audio Response	+1-3dB(0.3-3KHz)	+1-3dB(0.3-2.55KHz)
Audio Distortion	≤5%	≤5%



TS-M588

UNLIMITED COMMUNICATION

TWO-WAY RADIO

