

Specifications(BR688)

General	
Frequency Range	VHF:136-174MHz UHF:350-400MHz UHF:400-480MHz
Channel Capacity	1024
Channel Spacing	12.5KHz/25KHz
Antenna Impedance	50Ω
Working Voltage	Mobile: DC13.8V (± 15%) Negative Grounding Backpack: 10.8-12.6V
Current Consumption	< 4A
Weight	Host+ Battery ≤2.5Kg
Transmitter	
Output Power	External Power Supply: 5-15W (Transmitting Continuous) Battery Power Supply: 3-10W (Transmitting Continuous)
Frequency Stability	≤0.5ppm
4FSK Modulation	12.5KHz(data only): 7K60FXD ;12.5KHz(data and voice): 7K60FXW
Adjacent Channel Power	≤-60dB
Conducted Emission	-36dBm<1GHz ; -30dBm>1GHz
Digital Voice Decoder	AMBE or NVOIC (PDT only)
Receiver	
Sensitivity	3%BER≤0.35μV
Frequency Stability	≤0.5ppm
Adjacent Channel Selectivity	≥60dB
Intermodulation Immunity	≥65dB
Spurious Response	≥70dB
Blocking	≥90dB
Rated Audio Output Power	This device has no speaker, but can be connected to microphone
Environmental Specifications	
Operation Temperature	-20°C~ +60°C
Storage Temperature	-30°C~ +70°C
Waterproof& Dustproof	IP68