



Specifications(BF-TR900)

General	
Model	TR900 TR900M
Frequency Range	VHF: 136-174MHz; UHF: 350-390/400-470/450-
Zone	128 Zone 1: 4; Zone 2: 3000; Zone 3: 3000
Channel Capacity	2048 3776
Channel Spacing	12.5KHz
Antenna Impedance	50Ω
Operating Voltage	DC13.8V(±15%), negative ground
Current	<9A
Size	330mm(L)*218mm(W)*88mm(H) mm
Weight	6kg
Transmitter	
Output Power	5-50W (continuous)
Frequency Stability	≤±0.5ppm (without GPS); ≤±0.2ppm (with GPS)
4FSK Modulation	12.5KHz (data only): 7K60FXD; 12.5KHz (data and voice): 7K60FXW
Adjacent Channel Power Ratio	≤60dB
Spurious Radiation	-36dBm<1GHz; -30dBm>1GHz
Vocoder	AMBE
Receiver	
Digital Sensitivity	3%BER≤0.35μV
Frequency Stability	≤±0.5ppm (without GPS); ≤±0.2ppm (with GPS)
Adjacent Channel Selectivity	≥60dB
Intermodulation Immunity	≥70dB
Spurious Response	≥70dB
Blocking	≥95dB
Rated Audio Power Output	2W(8Ω)
Max. Audio Power Output	10W(8Ω) External
Environmental	
Working Temperature	-30℃~+70℃
Storage Temperature	-40℃~+85℃
Humidity Protection	MIL-STD-810C/D/E/F
Shock and Vibration	MIL-STD-810C/D/E/F