

DMR Portable Radio Model: RL-D880K

Main features:

- Full Duplex Communications
- 2" HD Color - LCD
- IP67 and MIL-STD-810 Standards Compliance
- DMR Tier II Conventional & Tier III Trunked
- Built-in GPS, Bluetooth, ManDown (optional)



Specifications:

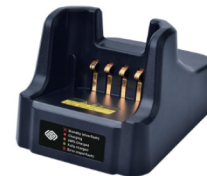
General	
Frequency Bands	VHF1:136-174 UHF1:400-470MHz UHF3:350-400MHz
Channel Capacity	1024
Channel Space	12.5KHz/25KHz
Dimensions(H*W*D)	125*54*35mm
Weight	320g (With standard battery and antenna)
LCD	2.0 inch trans reflective color LCD 240*320 pixels, 262K colors
Operating Voltage	DC 7.4V
Battery	2400mAh
Battery Life	Analog: 13H(No GPS) 11.5H(With GPS)
(5-5-90 Duty Cycle, High TX Power)	Digital: 15H(No GPS) 13H(With GPS)
Operating Temperature	-30 ~ +60℃
Storage Temperature	-40 ~ +85℃
IP Rating/Humidity	IP67 (IEC60529)
Shock& Vibration	Per MIL-STD-810 C/D/E/F/G standard
ESD	IEC 61000-4-2(level 4) ±8KV (Contact) ±15KV (Air)
Receiver	
Digital Sensitivity	-120dBm/BER 5% / -116dBm/BER 1%
Digital Dynamic Faded Sensitivity (100KMH& 8KMH Rayleigh Fading)	-104dBm
Analog Sensitivity	-120dBm/12dB SINAD
Intermediation	70dB (TIA603) 65dB (ETSI)
Blocking	90dB (TIA603 & ETSI)
Spurious Response Rejection	75dB (TIA603 & ETSI)
Adjacent Channel Selectivity	75dB@25 KHz(TIA603&ETSI) / 65dB@12.5KHz(TIA603&ETSI)
Conducted Spurious Emission	-57dBm
Rated Audio Power Output	1W
Rated Audio Distortion	3%
Hum and Noise	45dB @25KHz / 40dB@12.5KHz
Audio Response	+1dB ~ -3dB
Digital Vocoder Type	AMBE++/NVOC
Digital Protocol	ETSI-TS102 361-1,-2,-3,-4
Transmitter	
Frequency Stability	0.5ppm
RF Power Output	VHF : High:5W Low:1W
	UHF : High:4W Low:1W
Digital Modulation	7K60FXD (Data Only) / 7K60FXW (Data and Voice)
Analog Modulation	16K ♂ F3E @ 25KHz / 11K ♂ F3E @ 12.5KHz
4FSK Modulation Accuracy	5%
4FSK TX BER	0%
4FSK and Magnitude Error	5%/1%
Adjacent Channel Power	70dB @ 25 KHz / 60dB @12.5 KHz
Conducted and Radiated Emission	-36dBm <1GHz / -30dBm >1GHz
Transmission Deviation limits	5KHz@25KHz / 2.5KHz@12.5KHz
Audio Distortion	3%
Hum& Noise	45dB @ 25KHz/40dB @ 12.5KHz
Audio Response	+1dB ~ -3dB
GPS&GLOANSS	
TIFF Cold Start	60s
TIFF Hot Start	10s
Horizontal Positioning Accuracy	10meters

Remarks: All Specifications are subject to change without notice due to continuous development.

Standard accessories



Battery



Charger pod



AC adaptor



Antenna



Belt Clip