



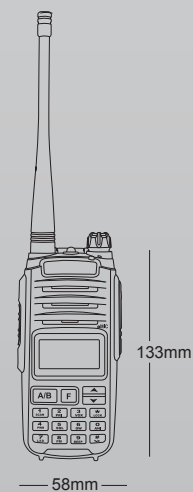
PL-810

ON-SITE TWO-WAY RADIO

FEATURES

- IP54 rating dust and splash protection
- Robust, rugged and heavy-duty design
- Crisp, clear and high quality sound
- 7.4V, 3500mAh high quality Li-on battery
- 2 multi-functional buttons
- 10 watts power output
- Wide frequency range UHF: 400-480MHz
VHF: 136-174MHz
- 128 programmable channel
- CTCSS tone & DCs code on each channel
- Voice annunciator
- Time-out timer (TOT)

DIMENSION





Specification

ITEM	PL-810
General	
Frequency Range	136-174 / 350-390, 400-480 / 465-520MHz
Channel Spacing	12.5KHz / 25KHz
Channel Capacity	128
Antenna Impedance	50Ω
Battery Type	7.4V 3500mAh Lithium-ion
Power Voltage Range	7.4V DC ± 20%
Temperature Range	-20 ~ +60 C
Weights	280g
Dimensions (H x W x D)	133 x 58 x 38mm
Transmitter	
RF Power	≤10W (High) / 5w (Low)
Frequency Stability	± 1.5ppm
Modulation Deviation	< 5KHz (Wide) / <2.5 KHz (Narrow)
Spurious Emissions	-36dBm < 1GHz, - 30dBm > 1GHz
Audio Response	+1 ~ -3dB
Audio Distortion	<3%
FM Noise	65dB (Wide) / 55db (Narrow)
Receiver	
Sensitivity (12dB SINAD)	0.25μv (Wide) / 0.35 μv (Narrow)
Hum and Noise	40dB
Adjacent Channel Selectivity	70dB (Wide) / 60dB (Narrow)
Intermodulation	60dB
Spurious & Image Rejection	70dB
Audio Output Power	750mW @ 8Ω for 10% distortion

(*) Must use regulated & specified power supply.



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