

# Free446 PMR Licence Free Radio

- Case protective performance increase 30%
- Battery life increase 30%
- PTT working life increase 30%



PC  
Programming



VOX



Voice  
Announcement



Long  
Standby  
Time

- VOX
- Monitor
- Channel scan
- PC programming
- Selectable squelch level 0-9
- Voice prompt
- Time out timer (TOT)
- Wide/narrow band switch
- CTCSS/CDCSS and STE
- Busy channel lockout (BCL)

Compact rough design PC+ABS case withstand 1.5 meters follow test, this durable performance greatly enhanced its service life. Plus, special battery protection board, increasing 30% battery life; High performance and communication efficiency satisfy your communication requirement, is a very professional free licenced radio for construction, factory and security industrial.

General	
Frequency range	446.000 - 446.100 MHz
Channels	16
Channel spacing	25KHz(width)/12.5KHz(narrow)
Working temperature	-20 to +60
Antenna impedance	50Ω
Operating voltage	7.4V DC (±20%)
Battery capacity	Real 2200mAh
Frequency stability	±2.5ppm
Dimension	60(L)×33(W)×120(H)mm
Weight	225g(including battery pack)
Transmitter	
Output power	0.5W
Modulation	16K Ç F3E(width) 8K Ç F3E(narrow)
Noise and harmonic	≤-36dBm
FM noise	≤-40 Db
Rated audio distortion	0.05
Adjacent power	≥65 Db(wide)/55 Db(narrow)
Modulation limitation	≤5KHz(wide) /2.5KHz(narrow)
Receiver	
Sensitivity	≤0.165uV(width)/ 0.2uV(narrow)
Adjacent selectivity	≥60dB(width)/ 50dB(narrow)
Intermodulation rejection ratio	≥60dB(width)/ 50dB(narrow)
Spurious suppression	≥60dB(width)/ 50dB(narrow)
SNR	≥45dB(width)/ 40dB(narrow)
Rated audio output power	500 mW
Rated audio distortion	≤5%

### Standard Accessory



Antenna



Belt Clip



Battery



Charger



Hand Strap

### Optional Accessory



Long antenna



Car charger



PC cables



Earpiece



Remote speaker