



SMP 818

Portable Two Way Radio with the Most Functions



Efficient communication
Changing to Meet Your Demand

Shanghai Motorola Telecom Products Co.,Ltd.

Main Features

Ch/Freq/Mem Mode	VOX/Sensitive/Delay
Numeric Keypad	Remote Stun/Disable
5 Programmable Keys	9 Squelch Levels
Voice Comander/Scrambler	Frequency Step/Offset
PTT ID Display	Frequency Reverse
DTMF Encode & Decode	Baudwidth Selectable
Primary/Group ID	FM Radio
DTMF Auto Dial List	LED Flashlight

Technical Specification

General Specification

SMP818

Frequency Range*	U01: 400~470MHz U03: 435~480MHz U04: 330~400MHz V01: 136~174MHz
Channel Capacity	128
CTCSS/CDCSS	51/107
Channel Space	25KHz/12.5KHz
Operation Temp. Range	-20°C~+55°C
Dimension(H×W×T)	98×53×30mm
Weight(include battery and antenna)	205g
Power Supply	DC 7.4V
Battery Life(5/5/90 duty cycle)	≥8hours

Receiver

Sensitivity(12 dB SINAD)	-119dBm(0.25μV)
Adjacent Ch Selectivity	65dB@25KHz
Intermodulation	≥60dB
Hum and Noise	≥40dB@25KHz
Spurious Response Rejection	60dB
Blocking	≥85dB
Audio Distortion	≤5%
Audio Power Output	430mW@8Ω

Transmitter

RF Power Output	H:4-5W / L:1W
Frequency Stability	±2.5 PPM
FM hum and Noise	≥40dB@25KHz
Modulation Limited	≤±5.0KHz@25KHz
Adjacent Ch Power	65dBc
Modulation Character	±3dB
Spurious and Harmonics	≤7.5μW
Audio Distortion	≤5%

Frequency Availability is limited by National laws and regulations.
Above specifications are all typical configuration values,
they may be subject to variations without notice

Standard Accessory

1100mAh Li-ion Battery Charger Base



Power Adapter
(EU/UK/US/3C)



Antenna



Hand Strap



Belt Clip



Optional Accessory

1500mAh Li-ion Battery PTT Earpiece



PC Encoder Cable



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