



Portable Two Way Radio

# SMP 418

Compact Design & Loud Speaker

- RF TX Power: 4W
- Audio Output Power: 1W
- VOX / iVOX
- PC programmable
- Clone
- Frequency Range
  - UHF 330 ~ 400MHz
  - UHF 400 ~ 470MHz
  - UHF 435 ~ 480MHz
  - VHF 136 ~ 174MHz



Shanghai Motorola Telecom Products Co.,Ltd.

## Main Features

RF TX Power:  $\leq 5W$   
Metal Framework  
Audio Output Power: 1W  
Clone  
VOX/iVOX

## Other Features

9 Squelch Levels  
Repeater Compatible  
Programmable via PC  
Monitor  
Emergency Call  
Busy Channel Lock

## Accessory

1200mAh Li-ion Battery



Charger Base



Power Adapter



Belt Clip



Antenna



(For reference only)

## Technical Specification

### General Specification

### SMP418

Frequency Range*	UHF 330 ~ 400MHz UHF 400 ~ 470MHz UHF 435 ~ 480MHz VHF 136 ~ 174MHz
Storage Channel	16
CTCSS/CDCSS	38/83
Channel Space	12.5KHz/25KHz
Operation Temp. Range	-25°C~+55°C
Dimension(H×W×T)	113×55×32mm
Weight(include battery and antenna)	232g
Power Supply	7.4V
Battery Life(5/5/90 duty cycle)	10hours

### Receiver

Channel Spacing	12.5KHz/25KHz
Frequency Stability	$\pm 2.5PPm$
Audio Distortion	$\leq 5\%$

### Transmitter


TX Power Output	$\leq 5W$
Channel Spacing	12.5KHz/25KHz
Frequency Stability	$\pm 2.5PPm$
Audio Output Power	$\leq 1000mW@8\Omega$
TX Power Switch	Yes

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

For more information, please visit website: [www.smp.com.cn](http://www.smp.com.cn)

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