

## Rugged-Reliable Two-way Radio



### Superb Clear and Strong Audio Output

- Compact and Tough Design
- Power Output: 0.5W
- Battery Save
- Emergency Alert
- Squelch Tail Elimination
- VOX Function

# S618PMR

## Handheld Two-way Radio

<http://www.sfecom.cn>

### Main Features

- 16 Channels
- Power Output: 0.5W
- Small Size and Light Weight
- Fixed Antenna
- CTCSS/DCS Encode & Decode
- Side Key Assignment Programmable
- With Torch Light
- Emergency Alert
- Compact and Fashionable Design
- Easy Operation
- Battery Save
- VOX Function
- Narrow Bandwidth 12.5KHz
- Squelch Tail Elimination
- Size: 46\*27\*99mm

### General

|  |                         |
|--|-------------------------|
| Frequency Range:                       | PMR446MHz               |
| Channel Capacity                       | 16 Channels             |
| Operation Voltage                      | 3.6V DC                 |
| Channel Spacing                        | 12.5KHz(Narrow)         |
| Antenna Impedance                      | 50 Ω                    |
| Battery Capacity                       | 1800mAH(Li-Ion Battery) |
| Battery Life (5-5-90 Duty Cycle)       | About 10 Hours          |
| Operating Temperature                  | -30°C - +60°C           |
| Frequency Stability                    | ± 2.5ppm                |
| Dimension(W*H*D)(Projections excluded) | 46*27*99mm              |
| Weight(Antenna & Battery Included)     | 135g                    |

### Transmitter (ETSI EN 300 086 Testing Standard)

|                           |                      |
|---------------------------|----------------------|
| Bandwidth                 | Narrow Band 12.5KHz  |
| RF Power Output(High/Low) | 0.5W                 |
| Modulation                | 11K Φ F3E            |
| Spurious Emission         | ≥ 36dB               |
| Adjacent Channel Power    | ≥ 60dB               |
| Hum & Noise               | ≥ 36dB               |
| Audio Response            | +1~-3dB(0.3~2.25KHz) |
| Modulation Limiting       | ±2.5KHz              |
| Modulation Distortion     | Less than 5%         |
| Frequency Stability       | +/-5ppm              |

### Receiver (ETSI EN 300 086 Testing Standard)

|                              |                                     |
|------------------------------|-------------------------------------|
| Bandwidth                    | Narrow Band 12.5KHz                 |
| Sensitivity(12dB SINAD)      | ≤ 0.35 μV                           |
| Adjacent Channel Selectivity | ≥60dB                               |
| Intermodulation              | ≥60dB                               |
| Spurious Response Rejection  | ≥70dB                               |
| Audio Response               | +1~-3dB(0.3~2.25KHz)                |
| Hum & Noise                  | ≥ 36dB                              |
| Audio Distortion             | ≤ 5%                                |
| Audio Output                 | 500mW with less than 10% distortion |

Above specifications are tested according to TIA/EIA-603.  
Above specifications are subject to change without any notice due to technology enhancement.

### Accessories

