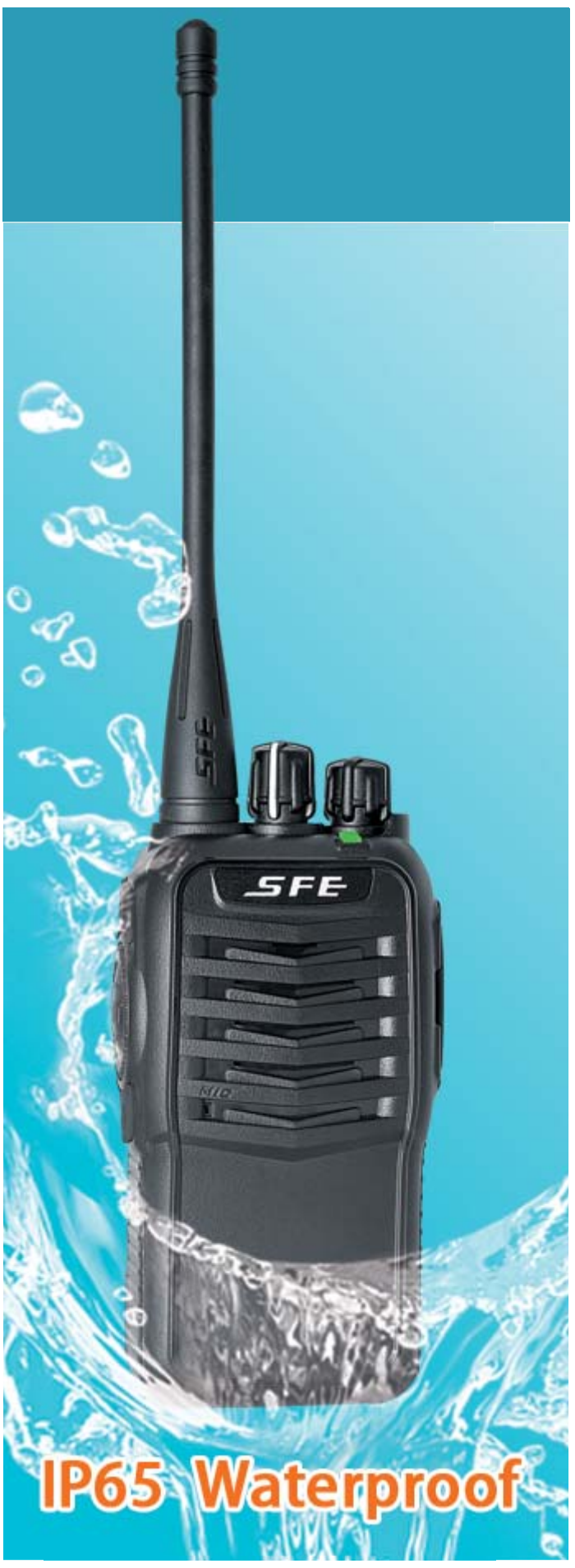
S780H

Rugged–Reliable Two–way Radio



Reliable & Durable Two–way Radio

- Compact and Tough Design
- Powerful Output: 5W
- CTCSS/DCS/DTMF Encode & Decode
- IP65 Waterproof & Dustproof（optional）
- FM Radio 76-108MHz（optional）

S780H

Handheld Two-way Radio

http://www.sfecom.cn

Main Features

- 16 Channels
- Powerful Output: 5W
- CTCSS/DCS/DTMF Encode & Decode
- Side Key Assignment Programmable
- Various Scan Modes
- Wide/Narrow Bandwidth
  25KHz/20KHz/12.5KHz(selective)
- VOX Programmable (10 levels selective)
- FM Radio (optional)
- Squelch Tail Elimination
- Auto Battery Save
- Emergency Alert
- TOT(Time Out Timer)
- Busy Channel lockout(BCL)

Accessories


Battery Pack


Antenna


Charger


AC Adapter


Belt Clip


Hand Strap

General

Frequency Range:	UHF:400-470MHz
Channel Capacity	16 Channels
Operation Voltage	7.2V DC ± 15%
Channel Spacing	25KHz(Wide)/20KHz(Middle)/12.5KHz(Narrow)
Antenna Impedance	50 Ω
Battery Capacity	1650mAH/2200mAH(Li-Ion Battery)
Battery Life (5-5-90 Duty Cycle)	About 11-17 Hours
Operating Temperature	-30°C - +60°C
Frequency Stability	± 2.5ppm
Dimension(W*H*D)(Projections excluded)	53*28*104mm
Weight(Antenna & Battery Included)	227g

Transmitter (ETSI EN 300 086 Testing Standard)

Bandwidth	Wide Band 25KHz	Narrow Band 12.5KHz
RF Power Output(High/Low)	4W/2W/0.5W	
Modulation	16KΦF3E	11KΦF3E
Spurious Emission	≥ 36dB	≥ 36dB
Adjacent Channel Power	≥ 70dB	≥ 60dB
Hum & Noise	≥ 40dB	≥ 36dB
Audio Response	+1~-3dB(0.3~3KHz)	+1~-3dB(0.3~2.25KHz)
Modulation Limiting	±5.0KHz ±2.5KHz	±2.5KHz
Modulation Distortion	Less than 5%	
Frequency Stability	+/-5ppm	

Receiver (ETSI EN 300 086 Testing Standard)

Bandwidth	Wide Band 25KHz	Narrow Band 12.5KHz
Sensitivity(12dB SINAD)	≤ 0.25μV	≤ 0.35μV
Adjacent Channel Selectivity	≥ 70dB	≥ 60dB
Intermodulation	≥ 65	≥ 60dB
Spurious Response Rejection	≥ 70dB	≥ 70dB
Audio Response	+1~-3dB(0.3~3KHz)	+1~-3dB(0.3~2.25KHz)
Hum & Noise	≥ 45dB	≥ 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.

Quanzhou SFE Electronic Technology Co.,Ltd
Address:16 Daping Rd., Daping Industrial Area, Fengze, Quanzhou, Fujian 362000, China

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