

Rugged-Reliable Two-way Radio



Reliable&Durable Digital Mobile Radio (DMR/TDMA)

- Dual Mode(Analog & Digital)
- Digital Voice Encryption
- Remote Kill/Activation/Detection
- Waterproof & Dustproof IP66 (Optional)



SD600 DMR

Handheld Two-way Radio

<http://www.sfecom.cn>

Main Features

- TOT(Time Out Timer)
- Auto Battery Save
- BCL(Busy Channel Lockout)
- Side Key Assignment Programmable
- VOX Programmable (10 Levels Selective)
- High/Low Power Output
- Talk Around
- PC Programming

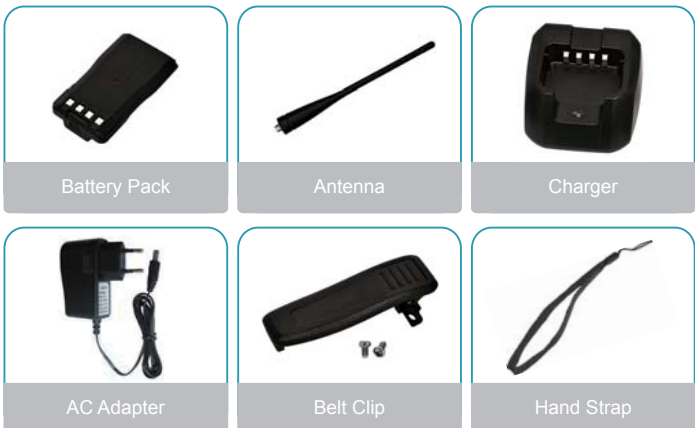
Main Features(Digital)

- Individual Call, Group Call, All Call
- Voice Encryption
- Remote Kill/Activation/Detection
- Remote Emergency Alert/ ENI

Main Features(Alalog)

- CTCSS/DCS Code
- DTMF Encode&Decode

Accessories



General

Frequency Range:	UHF:136-174MHz/400-470MHz
Channel Capacity	32 Channels
Operation Voltage	7.4V DC ± 10%
Channel Spacing	Alalog: 25KHz/20KHz/12.5KHz Digital: 12.5KHz
Antenna Impedance	50 Ω
Battery Capacity	1500mAH/2000mAH(Li-Ion Battery)
Battery Life (5-5-90 Duty Cycle)	About 15-20 Hours
Operating Temperature	-30°C - +60°C
Frequency Stability	± 2.5ppm
Dimension(W*H*D)(Projections excluded)	53*28*116mm
Weight(Antenna & Battery Included)	265g

Transmitter (ETSI EN 300 086 Testing Standard)

Bandwidth	12.5KHz	
RF Power Output(High/Low)	7W/5W/1W	
Modulation(4FSK)	7K60FXD (Data Only)	7K60FXW(Data & Voice)
Spurious Emission	-36dB ≤ 1GHz	-30dB ≥ 1GHz
Adjacent Channel Power	≥ 65dB	
Hum & Noise	≥ 45dB	
Audio Response	+1~-3dB(0.3~3KHz)	+1~-3dB(0.3~2.25KHz)
Digital Vocorder	AMBE +2 TM	
Modulation Distortion	Less than 5%	
Frequency Stability	+/-5ppm	

Receiver (ETSI EN 300 086 Testing Standard)

Sensitivity(12dB SINAD)	5% BER: 0.25μV
Adjacent Channel Selectivity	≥ 65dB
Intermodulation	≥ 60dB
Spurious Response Rejection	≥ 70dB
Audio Response	+1~-3dB(0.3~3KHz)
Hum & Noise	≥ 36dB
Audio Distortion	≤ 5%
Audio Output	500mW with less than 10% distortion

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

