

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
- 2 Time Slot

### Main Features(Analog)

- CTCSS/DCS Code
- DTMF Encode&Decode

### Accessories



Battery Pack



Antenna



Charger



AC Adapter



Belt Clip



Hand Strap

### General

Frequency Range:	VHF136-174MHz / UHF400-470MHz
Channel Capacity	32 Channels
Operation Voltage	7.2V DC $\pm$ 10%
Channel Spacing	Alalog: 25KHz/20KHz/12.5KHz Digital: 12.5KHz
Antenna Impedance	50 $\Omega$
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	$\pm$ 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)	5W	
Modulation(4FSK)	7K60FXD (Data Only)	7K60FXW(Data & Voice)
Spurious Emission	-36dB $\leq$ 1GHz	-30dB $\geq$ 1GHz
Adjacent Channel Power	$\geq$ 65dB	
Hum & Noise	$\geq$ 45dB	
Audio Response	+1~-3dB(0.3~3KHz)	+1~-3dB(0.3~2.25KHz)
Digital Vocoder	AMBE +2 TM	
Modulation Distortion	Less than 5%	
Frequency Stability	+/-5ppm	

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

Sensitivity(12dB SINAD)	5% BER: 0.25 $\mu$ V
Adjacent Channel Selectivity	$\geq$ 65dB
Intermodulation	$\geq$ 60dB
Spurious Response Rejection	$\geq$ 70dB
Audio Response	+1~-3dB(0.3~3KHz)
Hum & Noise	$\geq$ 36dB
Audio Distortion	$\leq$ 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.

 **SFE**® Quanzhou SFE Electronic Technology Co.,Ltd

Address:16 Daping Rd., Daping Industrial Area, Fengze, Quanzhou,  
Fujian 362000, China

SFE retains the right to change the product design and specifications without notices. If any printing mistake occurs, SFE will not bear any relevant responsibility.

© 2016 SFE Electronic Technology Co.,Ltd.All Rights Reserved.

Your Local Dealer