

SGS10L-dPMR

Digital License Free Walkie Talkie

DIGITAL FEATURES

- Double spectrum efficiency with TDMA
- Multiple calling mode, Single call/Group call
- Analog + Digital dual mode
- Multiple emergency alarming modes
- Battery power detection
- Remote kill/revive
- Scrambler
- Dual mode(Auto switch between Analog & Digital)
- Analog + Digital mixed-scanning
- One-button call



Specifications

General

Frequency Range	446-446.2 MHz
Operating Temperature	-25°C~+65°C
Operating Voltage	7.2V
Channel	16*2
Antenna Impedance	50Ω
Channel Spacing	25 / 12.5KHz
Frequency Stability	±2.5ppm
Battery	3000mAh Polymer Li-ion Battery
Weight (g)	300g
Size (mm)	140*61*40mm

Transmit

Output	0.5W
Modulation	11K0FE3, FSE
4FSK Digital Modulation	12.5KHz only data 12.5KHz data and voice: 7K60FXW;
Conduction/radiated emission	-36dBm<1GHz; -30dBm> 1GHz
Audio Response	+1~-3dB
Audio Distortion	≤10%
Adjacent Channel Power	60dB@12.5KHz; 70dB@20/25KHz
Digital Voice Encoder	AMBE+3000
Digital Protocol	ETSI-TS102 361-,-2,-3

Receiver

Sensitivity	-123dBm(12dB SINAD) / -121dBm
Adjacent channel	60dB@12.5KHz/70dB@20/25KHz
Intermodulation	TIA-603 70dB @ 12.5/20/25KHz ETSI 65dB @ 12.5/20/25KHz
Spurious Response Rejection	TIA-603 70dB @ 12.5/20/25KHz ETSI 65dB @ 12.5/20/25KHz
Blocking	TIA-603 80dB ETSI 84dB
Rated Audio Power Output	1W
Rated audio Distortion	≤10%
Audio Response	+1~-3dB
Conduction / Transmission stray	<-57dBm

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Accessory List

Standard Accessories:

Hand Set, Battery,
Charger, Belt Clip,
Hand Strap,
User Marker

Optional Accessories:

USB Programming Kit,
Speaker,
Headset,
Leather Case



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