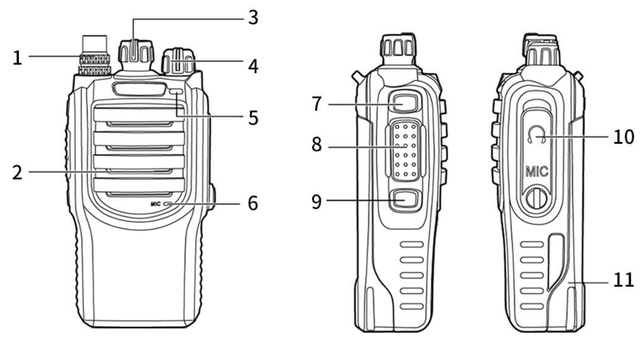


- USB Type-C Charger
- AES256 Encryption
- Lone Worker
- VOX
- Single Call/Group Call/All Call
- Emergency Alert
- Voice Announcement
- Busy Channel Lock-out
- Auto Power Off (APO)
- Side Keys Programmable
- Output Power Selective
- Tail Tone Elimination
- CTCSS/DCS
- DTMF PTT ID
- Frequency Hopping
- Talk Around
- Scanning
- Contacts List
- Call Prompt
- Remote Monitoring
- Remote Disable/Activate/Detect
- Quick SMS

Lisheng

Professional Portable DMR Radio **D550**

Radio Overview



NO	NAME
1	Antenna
2	Speaker
3	Channel Knob
4	Power /Volume Knob
5	LED Indicator
6	Microphone
7	Side Key 1
8	PTT Key
9	Side Key 2
10	Programing Port/ Earphone Jack
11	Battery

Specification

Transmitter		Receiver		General	
RF Power	1W (Low) ≤5W (High)	Analog Sensitivity	0.2 μV(FM @ 12dB SINAD)	Frequency Range	136~174MHz, 350~400MHz 400~470MHz
Power Margin Variation	+2/-3dB(Under extreme conditions)	Digital Sensitivity	0.22μV(typ.) (@ 5% BER)	Channel Spacing	12.5KHz / 25KHz
Frequency Error	±1.0ppm	Adjacent Channel Selectivity	60dB @ 12.5KHz 65dB @ 25KHz	Channel Capacity	48
FSK Error	<5%	Intermodulation Rejection	60dB @ 12.5KHz 60dB @ 25KHz	Zone Capacity	3
4FSK Transmission Bit Error Rate	≤1×10^{-4}	Blocking	84dB @ 12.5KHz 84dB @ 25KHz	Operating Voltage	7.4V
4FSK Modulation Frequency Deviation Error	≤10.0%	Co-Channel Rejection	-12dB @ 12.5KHz -8dB @ 25KHz	Battery Capacity	1200mAh
Occupied Bandwidth (DMR)	≤8.5kHz	Spurious Response Rejection	65dB @ 12.5KHz 65dB @ 25KHz	Battery Life (5/5/90)	Analog Mode: 8.5 Hours; DMR Mode: 12 Hours
TX Attack/ Release Time	≤1.5ms	Rated Audio Output Power	1.0W / 16Ω	Vocoder Type	AMBE+2
Adjacent Channel Power	≤-50dB @12.5KHz ≤-60dB @25KHz	Conducted Spurious Emission	<-57dBm (9KHz~1GHz) <-47dBm (1GHz~12.75GHz)	Frequency Stability	±1.0ppm
Transient Adjacent Channel Power	≤-50dB @12.5KHz ≤-60dB @25KHz			Antenna Impedance	50Ω
FM Modulation	16K0F3E @25kHz 11K0F3E @12.5kHz			Dimensions (without Antenna)	113mm*58m*35mm
4FSK Digital Modulation	12.5KHz (data only) : 7K60FXD 12.5KHz (data+voice) : 7K60FXE			Weight	6.98 oz (198g)
Audio Distortion	≤3% @ 40% deviation				
Audio Response	+1 ~ -3dB				
FM Hum and Noise	40dB @12.5KHz 45dB @25KHz				
Spurious Emission	≤-36dBm (9kHz~1GHz) ≤-30dBm (1GHz~12.75GHz)				

*The above specifications are tested in accordance with applicable standards.
Due to the continuous development of technology,
the above index data are subject to change without notice.

Standard Accessories



Antenna | Battery | Belt Clip | AC Adaptor | Hand strap

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