

Rugged-Reliable Two-way Radio



Heavy-duty, Cost-effective and Easy Operation

- Powerful Output 5 Watt
- Double Protection Structure for Speaker
- Rainproof and Dustproof IP54
- Emergency Alert and Remote Emergency Alert
- CE and R&TTE Approved

S580

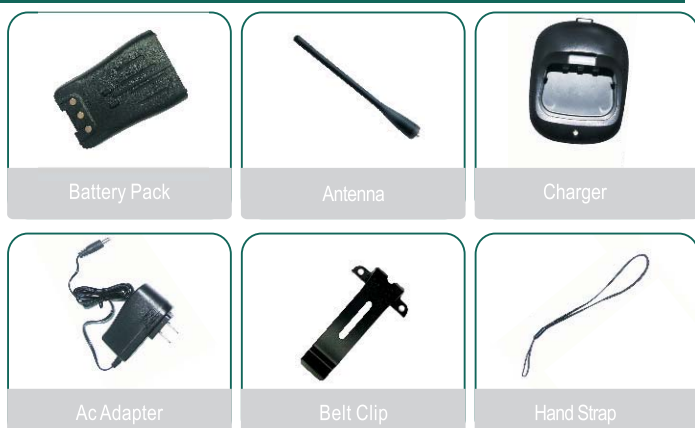
Professional Two-way Radio

<http://www.dhdz.com.cn>

Main Features

- 16 channels
- PC Programming
- Powerful Output 5W
- 50 Groups CTCSS, 104 Groups DQT
- High/Low Power Selective
- VOX Function
- Emergency Alert
- Voice Guide/Prompt
- Busy Channel Lockout
- Scan and Priority Scan
- Auto Battery Save/Low Battery Alert
- Time Out Timer (TOT)
- Wide/Narrow Bandwidth Selective
- Squelch Level Programming
- PTT ID PC Programming
- CE and R&TTE Type Approved

Accessories



General

Frequency Range	UHF:400-470MHz VHF:136-174MHz
Channel Capacity	16 CH
Channel Spacing	25 / 12.5 KHz
Operating Voltage	DC: 7.2V
Battery Capacity	1300mAh (Li-Ion)
Battery Life (5-5-90 Duty Cycle)	About 12 Hours
Operating Temperature	-30 °C - + 60 °C
Frequency Stability	± 2.5ppm
Antenna Impedance	50 Ω
Dimension (H * W * D) (Antenna Excluded)	52 X 28 X 100mm
Weight (Antenna & Battery Included)	210g

Transmitter

Frequency Error	≤ 5 X 10 ⁻⁶
RF Power Output	UHF: 4W/1W VHF: 5W/1W;
Modulation Limiting	±5.0KHz
Spurious Emission	≥ 65dB
Modulation Distortion	Less than 5%

Receiver

Sensitivity	0.25uV
Adjacent Channel Selectivity	≥ 55dB
Spurious Response Rejection	≥ 55dB
Intermodulation (Wide/Narrow)	≥ 55dB
Audio output	≥ 250mW
Audio distortion	≤ 5%

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