



## D57

- Full Keypad Digital Portable Radio
- DMO Dual-slot Direct Mode
- Powerful Digital Audio
- 1.8 inch Resolution Color LED Display
- Man Down (Optional)
- Voice Record up to 100 Hours
- Transmit Interrupt

## PRODUCT DESCRIPTIONS



## PRODUCT ACCESSORIES

### Standard Accessories



TBL01



TBC02



TCA01



TAT01



TCL01



TST01

### Optional Accessories



TBL02



TBC01



TCA08



TCC01



TBL02E



TMC02



TCA03



TPC01



TCL05



TEM10

# PRODUCT SPECIFICATIONS



Transmitter	
Channel spacing	12.5/25kHz
4FSK digital modulation	12.5kHz data only: 7K60FXD 12.5kHz data & voice: 7K60FXW
Digital protocol	ETSI-TS102 361-1, 2&3
Conducted / radiated emission	-36dBm <1GHz -30dBm >1GHz
Modulation limit	±2.5KHz @ 12.5KHz ±5.0KHz @ 25KHz
FM modulation(Analog emissions designator)	11K0F3E @ 12.5kHz 16K0F3E @ 25kHz
Adjacent channel power	60dB @ 12.5KHz 70dB @ 25KHz
Frequency stability	±1.5ppm
FM hum & Noise	40dB @ 12.5KHz

General Specifications	
Battery	7.4V/1650(Standard)/3000(Optional)mAh
Battery Life	1650mAh Battery: Stand by: 48hrs; Talk (5-5-90): 10hrs 3000mAh Battery: Stand by: 84hrs; Talk (5-5-90): 15hrs
Zone capacity	250
Channel spacing	12.5/12.5 KHz
Channel capacity	1000
Dimensions	115x55x30(mm) /4.52x2.16x1.18(in)
Weight	277g/9.77oz
Frequency Stability	±1.5ppm
Frequency Stability	50Ω
Increased Capacity	2-slot time division multiple access in 12.5kHz channel

Model Information	
Model number	D57
Output Power	5W
Frequency Range	136-174MHz
Band	VHF

MIL-STD	Environmental Index				
	810C	810D	810E	810F	810G
Low Pressure	500.1/ I	500.2/ I, II	500.3/ I, II	500.4/ I, II	500.5/ I, II
High Temperature	501.1/ I, II	501.2/ I, II	501.3/ I, II	501.4/ I, II	501.5/ I, II
Low Temperature	502.1/ I	502.2/ I, II	502.3/ I, II	502.4/ I, II	502.5/ I, II
Temperature Shock	503.1/ I	503.2/ I	503.3/ I	503.4/ I, II	503.5/ I, II
Solar Radiation	505.1/ I	505.2/ I	505.3/ I	505.4/ I	505.5/ I
Rain	506.1/ I, II	506.2/ I, II	506.3/ I, II	506.4/ I, III	506.5/ I, III
Humidity	507.1/ I, II	507.2/ II, III	507.3/ II, III	507.4	507.5/ II
Salt Fog	509.1/ I	509.2/ I	509.3/ I	509.4	509.5
Dust	510.1/ I	510.2/ I	510.3/ I	510.4/ I, III	510.5/ I
Vibration	514.2/ VIII, X	514.3/ I	514.4/ I	514.5/ I	514.6/ I
Shock	516.2/ I, II, V	516.3/ I, IV	516.4/ I, IV	516.5/ I, IV	516.6/ I, IV

Receiving Part	
Sensitivity (digital)	0.3µV/-117dBm(BER 5%)
Sensitivity (analog)	0.35µV/-116dBm(SINAD)
Adjacent channel selectivity 1T	60dB (12.5KHz channel) 70dB (25KHz channel)
Adjacent channel selectivity 2T	60dB (12.5KH channel) 70dB (25KHz channel)
Inter modulation	70dB
Spurious rejection	70dB

General Specifications	
Battery	1650/3000mAh

Audio	
Digital vocoder type	AMBE++ or AMBE + 2TM
Speaker	FST ND3882
Audio IC	ST TDA2822
Audio response	+1~-3dB
Rated audio output	1W
Rated audio distortion	<3%
Conducted spurious	< -57dBm

Certification	
CE FCC & IC ID	FCC 2ADQZTPD5X
Dustproof and waterproof	IP54 (Standard) /IP66 (Optional)

The above specifications are tested according to applicable standards. Due to the continuous development of technology, the above index data is subject to change without notice.

## DEALER

จัดจำหน่ายโดย

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