



FDP DMR800
5W UHF DIGITAL HANDHELD

INFORMATION SHEET

FDP DMR800
5W UHF Digital Handheld
Transceiver with Analogue



Features and Functions

- DMR (Digital Mobile Radio Standard)
- TDMA Dual Slots - Tier II Digital
- Analogue Integration including CTCSS/DCS
- Frequency Range 400 - 480Mhz
- 800 Channels, 50 Zones
16 channels per zone
- Hi/Lo Power Select (5W - 1W)
- Modulation 4FSK
7K60FXD 7K60FXE & 10K1F3E
- Private and group call or text messaging with individual call ID
- Four programmable side buttons
- Multiple Battery Save Options
- Voice encryption option on digital
- Compact and light weight
- Voice prompt
- Large colour LCD Screen



Supplied Accessories

Optional

Specifications

GENERAL	
Frequency Range	400 - 480Mhz
Channels	800
Zones	50 Zones - 16 channels per zone
Channel Spacing	12.5Khz
Working Voltage	7.4V nominal
Battery Capacity	2100mAh
Battery Average Working Time (5/5/90)	20 hours - digital 14 hours - analogue
Frequency Stability	+/- 1.5ppm
Antenna Impedance	50 ohm
Dimensions	56(L) 32(W) 109(H) mm
Weight	235g (including battery pack)
Transmitting	
Power Output	H: 5W L: 1W
4FSK Modulation	7K60FXD 7K60F3E 10K1F3E 16K0F3E (70cm)
Spurious Emissions	< -30dBm
Adjacent Channel Power	< -16dBm
Vocoder	AMBE+2
Receiving	
Sensitivity	5% BER<= 0.25uV - digital 0.25uV (12dB SINAD) - analogue
Audio Output Power	500mW
Audio Distortion	0.03
Spurious Response Immunity	>70 dB
Environmental Indicators	
Operating Temperature	-10C - +55C
Shock and Vibration	MIL-STD-810C/D/E/F
Ingress Protection	IP54 weatherproof / rainproof / splashproof