



F2P DMR
5W UHF DIGITAL HANDHELD

INFORMATION SHEET

F2P DMR

5W UHF Digital Handheld Transceiver with Analogue

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DMR
DIGITAL MOBILE RADIO ASSOCIATION
plus Analogue

TDMA
DUAL Slots

PTT
PTT ID

USB
USB Program Cable

Encryption option

Digital & Analogue

Features and Functions

- DMR Mototrbo compatible
- TDMA Dual Slots - Teir II Digital
- Analogue Intergration 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
- Voice encryption option on digital
- Compact and light weight
- Voice prompt
- Large colour LCD Screen
- Compliant to ETSI and AS/NZS

• Antenna

• Li-ion Battery

• Smart Charger

• Belt Clip

• Earpiece Mike

• 12V Car Adaptor

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 (5/5/30)	20 hours - digital 14 hours - analogue
Frequency Stability	+/- 1.5ppm
Antenna Impedance	50 ohm
Dimension	56(L) 32(W) 109(H) mm
Weight	235g (including battery pack)
Transmitting	
Power output	H: 5W L: 1W
4FSK modulation	7K60FXD 7K60FXE & 10K1F3E
Spurious Emission	-36dBm <= 1GHz / -30dBm >= 1GHz
Adjacent Channel Power	<= -60dB
Vocoder	AMBE+2
Receiving	
Sensitivity	5% BER<= 0.25uV - digital 0.25uV (12dB SINAD) - analogue
Audio output power	500mW
Audio Distortion	0.03
Conduction Radiation	-57dBm
Environmental Indicators	
Operating Temperature	-20C - +60C
Storage Temperature	-30C - +85C
Damp proof	IP55