

AnyTone®

DMR
DIGITAL MOBILE RADIO ASSOCIATION



AT-D878UV

DMR and Analog UHF/VHF Radio

- Dual-mode(Digital+Analog)
- 1.77 inch color TFT screen
- 4000channels
- 10,000Talk Groups with 150,000 digital contacts
- ETSI DMR Tier I and II Compliant
- Auto-senses digital or analog reception
- Ranging function between radios with GPS
- Roaming function
- Voice Recording more than 500 hours(option)
- GPS with Analog APRS Location Reporting and Digital APRS Location Reporting (Option)
- Bluetooth (option)



Specification

General		Transmitting Part		Receiving Part	
Frequency Range	136–174MHz (V), 400–480MHz (U)	Power Output	VHF: 7.5/2.5/1W, UHF: 6/5/2.5/1W	Sensitivity (12dB SINAD)	≤0.25 μV (Wide Band) ≤0.35 μV (Narrow Band)
Channel Capacity	4000 channels	Modulation limit	± 5.0KHz @ 25KHz (Wide Band) ± 2.5KHz @ 12.5KHz (Narrow Band)	Digital Sensitivity	0.3μV/-117.4dBm (BER 5%) 0.7μV/-110dBm (BER 1%)
Channel Spacing	25KHz (Wide Band) 12.5KHz (Narrow Band)	Adjacent Channel Power	≥ 70dB (Wide Band) ≥ 60dB (Narrow Band)	Adjacent Channel Selectivity	≥ 70dB (Wide Band) ≥ 60dB (Narrow Band)
Phase-locked Step	5KHz, 6.25KHz	Hum & Noise	≥ 40dB (Wide Band) ≥ 36dB (Narrow Band)	Spurious Emission	≤ -57dB (Wide Band) ≤ -57dB (Narrow Band)
Operating Voltage	7.4V DC ± 20% (2100mAh)	Spurious Emission	≤ -36dB (Wide Band) ≤ -36dB (Narrow Band)	Spurious Rejection	≥ 70dB (Wide Band) ≥ 70dB (Narrow Band)
Frequency Stability	± 2.0ppm	4FSK Digital Modulation	12.5KHz (data) 7K60FXD 12.5KHz (data+voice) 7K60FXE	Blocking	84db
Operating Temperature	-20°C - +55°C	Audio Distortion	≤ 5%	Hum & Noise	≥ 45dB (Wide Band) ≥ 40dB (Narrow Band)
Size	129 × 61 × 39mm (with battery pack)	Error rate	≤ 3%	Audio Distortion	≤ 5%
Weight	262g (with battery pack, antenna)			Audio Power Output	1000mW/16Ω

Standard Accessories



Charger



AC Adaptor

Battery
(3100mAh)

Belt Clip



Antenna

USB Programming
Cable PC05(K)

Optional Accessories

Battery
(2100mAh)Earphone
HS05(K)

Programming Software



Car Charger



Battery Eliminator

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