

AnyTone®

DMR

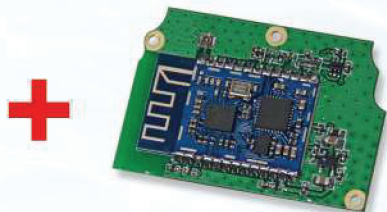
DIGITAL MOBILE RADIO ASSOCIATION



AT-D878UVII PLUS

DMR and Analog UHF/VHF Radio

- Dual-mode(Digital+Analog)
- 1.77 inch color TFT screen
- 4000channels
- 10,000Talk Groups with 500,000 digital contacts
- ETSI DMR Tier I and II Compliant
- Auto-senses digital or analog reception
- Ranging function between radios with GPS
- Roaming function
- Talkie Alias function
- GPS with Analog APRS Location Reporting/Receiving and Digital APRS Location Reporting/Receiving
- Analog APRS RX
- Digital Voice Recording for 14 hours
- Bluetooth



Built-in BT



Specification

General		Transmitting Part		Receiving Part	
Frequency Range	144-146MHz (V) , 430-440MHz (U)	Power Output	VHF: 5/2.5/0.2W, UHF: 5/2.5/0.2W	Sensitivity (12dB SINAD)	≤0.25μV (Wide Band) ≤0.35μV (Narrow Band)
Channel Capacity	4000 channels	Modulation limit	±5.0KHz@25KHz (Wide Band) ±2.5KHz@12.5KHz (Narrow Band)	Digital Sensitivity	0.3uV/-117.4dBm (BER 5%) 0.7uV/-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% (3100mAh)	Spurious Emission	≤-36dB (Wide Band) ≤-36dB (Narrow Band)	Spurious Rejection	≥70dB (Wide Band) ≥70dB (Narrow Band)
Frequency Stability	±2.5ppm	4FSK Digital Modulation	12.5KHz (data) 7K60FXD 12.5KHz (data+voice) 7K60FXE	Blocking	84db
Operating Temperature	-20℃~ +55℃	Audio Distortion	≤5%	Hum & Noise	≥45dB (Wide Band) ≥40dB (Narrow Band)
Size	129×61×42mm (with battery pack)	Error rate	≤3%	Audio Distortion	≤5%
Weight	293g (with battery pack)			Audio Power Output	1000mW/16Ω

Standard Accessories



Charger



AC Adaptor



Battery (3100mAh)



Belt Clip



Antenna



USB Programming Cable PC05(K)



BT PTT button



USB charging cable (One out of two)



Velcro

Optional Accessories



Battery (2100mAh)



Earphone HS05(K)



Programming Software



Car Charger



Battery Eliminator

A1.210320



ISO 9001:14001



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