

AnyTone®

DMR

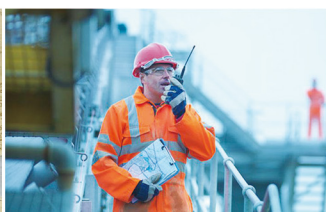
DIGITAL MOBILE RADIO ASSOCIATION



AT-D168UV

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
- Roaming function
- Talkie Alias function
- Digital/Analog Voice Recording 4 hours
- AES256 Encryption and ARC4 Encryption
- Type C charge



Specification

General		Transmitting Part		Receiving Part	
Frequency Range	European: 144-146MHz, 430-440MHz US: 144-148MHz, 420-450MHz	Power Output	VHF: 5/2.5/1W/0.2W UHF: 4.5/2.5/0.5W/0.2W	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	0.3uV/-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	≥ 65dB (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%	Spurious Emission	≤ -60dBc (Wide Band) ≤ -60dBc (Narrow Band)	Spurious Rejection	≥ 65dB (Wide Band) ≥ 60dB (Narrow Band)
Frequency Stability	± 1.5ppm	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	103.5 × 53.5 × 35.5mm (with battery pack)	Error rate	≤ 3%	Audio Distortion	≤ 5%
Weight	220g (with battery pack)			Audio Power Output	1000mW/16Ω

Standard Accessories



12cm Antenna
TX-0311



38cm Antenna
TX-0313



Li-ion Battery Pack
QB-56L(1800mAh)



Li-ion Battery Pack
QB-56HL(2500mAh)



Charger
QBC-56L



AC Adaptor
NA01(5V/2A)



TYPE C Cable
QT-0046
(Program and Charge)



Belt Clip
WWZZ-0029

Optional Accessories



Multi-charger
BC-158-4



Speaker Microphone
QHM-024



Earpiece



Hand Strap

A1.240827



ISO 9001:14001

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