

AnyTone®

DMR

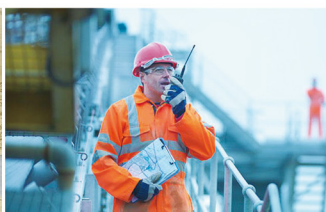
DIGITAL MOBILE RADIO ASSOCIATION



AT-D168

DMR DIGITAL RADIO

- AT-D168 Digital DMR and Analog Two Way Radio
- Auto-senses digital or analog
- 256 channels; Voice prompting
- 10,000Talk Groups
- CTCSS/DCS
- DTMF/2TONE/5TONE
- AES256 Encryption and ARC4 Encryption
- Voice Message Of The Last Digital Call
- Type C charge



Specification

General		Transmitting Part		Receiving Part	
Frequency Range	136–174MHz (V) , 400–480MHz (U) (Single band only)	Power Output	VHF: 5/2.5/0.5W, UHF: 4.5/2.5/0.5W	Sensitivity (12dB SINAD)	≤0.25 μ V (Wide Band) ≤0.35 μ V (Narrow Band)
Channel Capacity	256 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℃~ +55℃	Audio Distortion	≤ 5%	Hum & Noise	≥ 45dB (Wide Band) ≥ 40dB (Narrow Band)
Size	118 × 59 × 36mm (with battery pack)	Error rate	≤ 3%	Audio Distortion	≤ 5%
Weight	203g (with battery pack)			Audio Power Output	1000mW/16 Ω

Standard Accessories



Antenna



Battery
(1800mAh)



AC Adaptor



Charger



TYPE C cable



Belt Clip

Optional Accessories



Hand Strap



Earpiece



Li-Ion Battery Pack
(2600mAh)



4-Way Charger



10cm Antenna



40cm Antenna

A2.240320



Qixiang Electron Science & Technology Co., Ltd.

Contact person: KEN XU (General Manager)

Address: Qixiang Building, Tangxi Industrial Zone, Luojiang District, Quanzhou 362011, Fujian Province, China.

Tel: 86-595-22656925/6

Fax: 86-595-22656927

E-mail: ken6833@qxdz.cn xqlx5555@126.com

Website: <http://www.qxdz.cn> <http://www.anytone.net>