

Axiom DMR



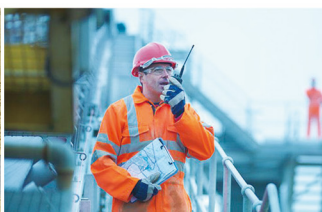
Axiom

AXP878UT

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DMR DIGITAL RADIO

- AXP878UT Digital DMR and Analog Two Way Radio
- Auto-senses digital or analog
- 256channels; Voice prompting
- 10,000Talk Groups
- CTCSS/DCS; DTMF/2TONE/5TONE
- Encryption function;
- Digital Voice Recording for 14 hours (standard);
Digital & Analog Voice Recording for 500 hours(option)
- Emergency alarm (with GPS data transmission)
- GPS with Analog APRS Location Reporting and
Digital APRS Location Reporting (option)
- Bluetooth(option)



Specification

General		Transmitter		Receiver	
Frequency Range	136–174MHz (V) , 400–480MHz (U)	Power Output	VHF: 10/5/2.5/1W, UHF: 9/5/2.5/1W	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	≥ 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	± 2.5ppm	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	128 × 61 × 40mm (with battery pack)	Error rate	≤ 3%	Audio Distortion	≤ 5%
Weight	260g (with battery pack)			Audio Power Output	1000mW/16 Ω

Standard Accessories



Charger
AXBC-45L



AC Adaptor
QPS-17



Li-ion Battery Pack
AXB-44HL(3100mAh)



Belt Clip
AXC-878



Antenna
AXA01V(VHF)
or AXA01U(UHF)

Optional Accessories



Li-ion Battery Pack
AXB-44L(2100mAh)



USB Programming
PCAXP878



Ear Hook Earpiece
NCM-PK1-EH



Programming
Software
(Dealers Only)



Car Charger
ABCC-878



Battery Eliminator
AXBE-878



Speaker Microphone
AXSM-878

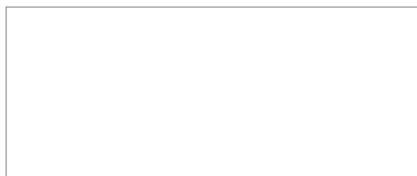


Multi Unit Charger
AXP-026BC

A1.190722



Axiom Authorized Dealer



ISO 9001:14001



Axiom

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