

AnyTone®

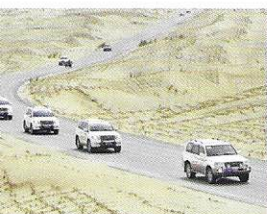
DMR

DIGITAL MOBILE RADIO ASSOCIATION



AT-D578UV DMR and Analog UHF/VHF Radio

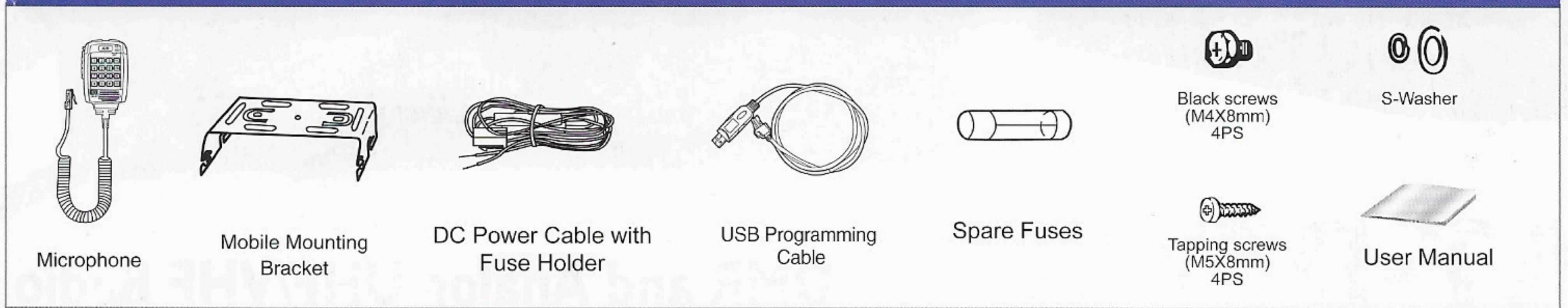
- Dual-mode(Digital+Analog)
- 1.77 inch color TFT screen
- 4000channels
- 10,000Talk Groups with 150,000 digital contacts
- ETSI DMR Tier I and II Compliant
- Auto-senses digital or analog reception
- Ranging function between radios with GPS
- Roaming function
- GPS with Analog APRS Location Reporting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



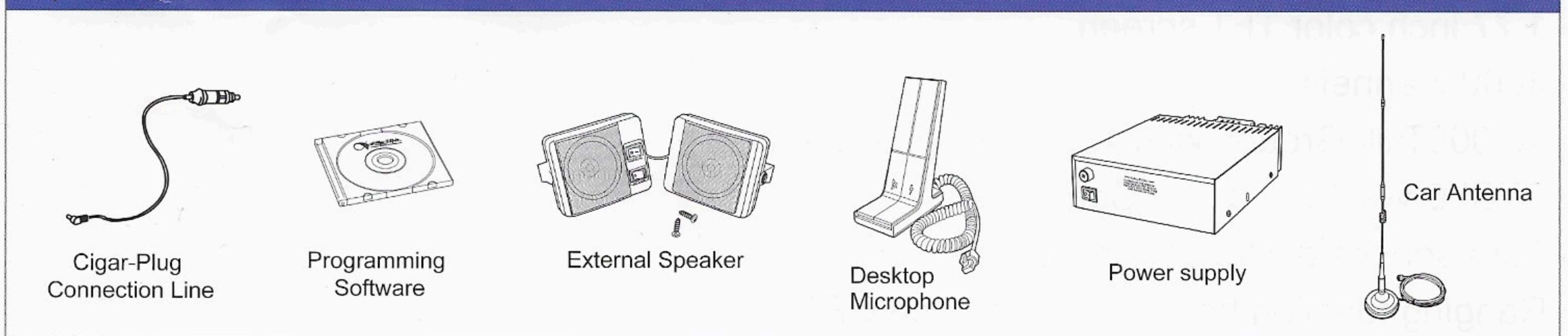
Specification

General		Transmitting Part		Receiving Part	
Frequency Range	136-174MHz (V) , 400-490MHz (U)	Power Output	VHF: 50/25/10/5W UHF: 45/25/10/5W	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	≥ 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	13.8V DC ±20%	Spurious Emission	≥ 70dBc (Wide Band) ≥ 70dBc (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)
		Error rate	≤ 3%	Audio Distortion	≤ 5%
				Audio Power Output	≥ 2W

Standard Accessories



Optional Accessories



MOONRAKER