

ANYTONE AT-D578UV PLUS

The AnyTone AT-D578UV Plus Mobile Radio offers both DMR digital and analog communication and introduces an innovative DMR digital processing system. It offers great stability, and reliability, together with long distance communication as well as fashionable design and compact exterior lines. The AT-D578UV has Text Messaging, Recording, Voice Message, AES256 Digital Encryption, Emergency Alarm, Work Alone, GPS, Roaming, Cross-band repeater function, Bluetooth, Analog DTMF, 2TONE, 5TONE, CTCSS/DCS encode/decode functions.



SPECIFICATIONS:

FEATURES:

General		
Frequency Range	Dual Band (US Part 90): 136-174MHz(V); 400-480MHz(U)	
Channel Capacity	4000 Channels	
Channel Spacing	25KHz (Wide Band) , 12.5KHz (Narrow Band)	
Phase-locked Step	5KHz, 6.25KHz	
Operating Voltage	13.8V DC ±15%	
Frequency Stability	±2.5ppm	
Power Supply Current Requirement (min)	15 Amps	
Operating Temperature	-20°C~ +60°C	
Size	188×141×40mm (radio only)	
Weight	1.04kg (without accessories)	
Receiving Part		
	Wide Band	Narrow Band
Sensitivity (12dB SINAD)	≤0.25μV	≤0.35μV
Digital Sensitivity	0.3uV/-117.4dBm (BER 5%) 0.7uV/-110dBm (BER 1%)	
Adjacent Channel Selectivity	≥70dB	≥60dB
Spurious Emission	≤-57dB	≤-57dB
Spurious Rejection	≥70dB	≥70dB
Blocking	84dB	
Hum & Noise	≥45dB	≥40dB
Audio Distortion	≤5%	
Audio Power Output	2W/8Ω	
Transmitting Part		
	Wide Band	Narrow Band
Power Output	Turbo	50W at 144-148MHz 40W at 430-440MHz
	High	UHF/VHF 25W
	Middle	UHF/VHF 10W
	Low	UHF/VHF 1W
Modulation	±5.0KHz@25KHz	
Adjacent Channel Power	≥70dB	≥60dB
Hum & Noise	≥40dB	≥36dB
Spurious Emission	≤-36dBm	≤-36dBm
4FSK Digital Modulation	12.5KHz (data) 7K60FXD 12.5KHz (data+voice) 7K60FXE	
Audio Distortion	≤5%	
Error Rate	≤3%	

- Built-In Roaming
- Dual-Band UHF/VHF
- High Power Output
- GPS Capabilities
- Digital DMR & Analog
- Bluetooth Capabilities
- Color TFT Display
- Two Tone/5 Tone
- Loud and Clear Speaker
- 4,000 Channels
- 10,000 Talkgroups
- 500,000 Digital Contacts
- 250 Zones
- 250 Channels per Zone
- Selectable Zones
- Cross-Band Repeat
- Programmable
- Part 90 Certified

BENEFITS

- Easy Migration from Analog to Digital
- Simple User Interface & Easy to Operate
- Clear Communications in Harsh Environments
- Plenty of Power for Longer Ranges
- Multiple Available Accessories
- Bluetooth Capabilities to Connect to Audio Devices
- Award-Winning Support for Your Mobile Radio
- Sturdy Construction Means its Built to Last
- Reliability You Can Count on in the Field

