



AWR D6000™





DIGITAL TWO-WAY RADIO

The AWR-D6000 is packed with features and all of the benefits of digital radio technology. The AWR-D6000 utilizes TDMA technology to attain double-call capacity on a frequency. Low noise, crystal-clear sound, as well as confidential communication from advanced voice encoder technology. The AWR-D6000 supports both digital and analog.

Key Features:

- 4000 Channels
- 16 Zones, 250 Channels Per Zone
- 2-Slot Communication
- Supports Analog and Digital Modes
- Five Programmable Keys
- LCD Display Interface and Visible Icon Display
- Comfortable and Convenient to Read Display
- Built-in Antenna
- Voice-Prompt Support
- Set Menu Operation On or Off Via Software
- Smooth Transition from Analog to Digital
- 2000 mAh Large Battery Capacity
- Digital Voice Encryption
- Emergency Alarm
- Built-in 36mm Large Speakers for Crystal Clear Audio
- USB-C Connector for Battery Charging

Advantages of Digital Two-Way Radios:

Improved Range	Better Audio Quality	Increased Capacity	Improved Battery Life
			
Digital processing allows for extended range where analog would get noisy and drop out.	Audio is clear for an extended range. No background noise when speech pauses.	Two usable channels where there is generally one.	Battery life extended due to transmitter duty cycle.



Slim and Compact Design



AWR-D6000

Accessories:



Battery
221415



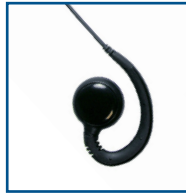
Six Unit Charger
221253-AW03



Single Cup Charger
221407-AW03



Swivel Holster
221398



Reversible Ear Hook
Headset 221041



Ear Hook Headset
210551



Ear Loop Headset
202808



Flexible Ear Loop
Headset 205441



Mini Speaker
Microphone 206882



Large Speaker
Microphone 221255

Additional accessories including wired headsets are available at:
www.advancedwireless.com

Specifications:

Housing Color	Black
Dimension (inches)	3.75" 2.2" 1.1"
Height (not including antenna)	3.75"
Width	2.2"
Depth	1.1"
Weight (w/battery & antenna)	4.5 oz
Antenna	Built-in, helical
Audio Accessory Jack	Two-pin, K1 Type
Power Supply - Battery	Li-Polymer
Power	H: 2W L: 0.5W
Channels	4000
Select Channels	250 CH per Zone
Frequency	400-480 MHz
Battery Status Indicator	Yes
Built-in VOX	Yes
Battery Save Mode	Yes
TOT	Yes

Compander	No
Scan	Yes
Priority Scan	Yes
Busy Channel Lock-Out	Yes
Proceed to Talk Tone	No
Roger Tone	No
Encryption	Yes
LCD	Monochrome Display
Vibration	Yes
Bluetooth	No
Voice Recorder	Yes
DTMF Encoding	No
CTCSS & DCS Coding	Yes
Adjustable Microphone Gain (Sensitivity)	Yes
Wireless Cloning	No
Channel Spacing	12.5kHz
Operating Voltage	3.75 VDC
Battery Life	2200mAh: Analog 10.6h, digital 14.3h

Frequency Stability	± 1.5ppm
Operating Temperature	-20°C~+60°C
Antenna Impedance	50Ω
FM Modulation	12.5kHz: 11K0F3E
4FSK Digital Modulation	12.5kHz audio: 7K60F1E/7K60FXE 12.5kHz data: 760F1D/7K60FDX 12.5kHz data & audio: 7K60F1W
Digital Vocoder Type	AMBE+2
Digital Protocol	ETSI-TS102361-1,-2, -3
Spurious	65dB
FM hum & noise	-40dB@12.5kHz
Audio Distortion	3%
Analog Sensitivity	0.3μV/0.25μV
Digital Sensitivity	0.25μV/0.2μV (BER5%)
Intermodulation	≥60dB@12.5Khz
Audio Response	+1, -3dB
Modulation restriction	±2.5dB@12.5kHz
Rated audio	500mw



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