

Axiom

DMR



AXP560UT/VT

- The thinnest 1" DMR portable
- 4W RF power
- Superior audio quality



Application



Shopping Mall



School



Property



Hotel



Supermarket



Restaurant

Products Features

Trendy and compact body: Ultra-thin to 26.3mm, light enough to 200g.

Quality standard: Comply with MIL-STD810,CE AND FCC.

Digital/Analog dual mode: Easy to migrate from analog to digital.

High-tier materials: Strength of the high quality PC housing.

Voice announcements: Voice announcement for channel. battery, zone.

Multiple complementary applications: Remote monitor, alarm, kill,revive

Technical Highlights

- ◆ 32 channels in 2 zones, digital/analog dual mode
- ◆ DMR Dual Capacity Direct Mode
- ◆ IP54 dustproof and waterproof
- ◆ One key call/message to single& group
- ◆ Super audio power 1000mW
- ◆ 1600mAh Li-ion battery, enough for daily tasks
- ◆ Multi-port power supply is optional for convenient charging
- ◆ Voice& scramble encryption provides much safer communications anywhere.



Standard Accessories



Charger
AXBC-780



Li-ion battery
AXB-L1656 1600mAh



Belt clip
AXC-560



Antenna
AXA-D07-W01



Hand strap
AXR-255

Optional Accessories



Multi-power Supply
AXPS-CA6



Earphone
NCM-PHYT6-EH



Programming cable
PC AXP560

General Specification

Model	AXP560UT/VT
Frequency Range	UHF: 400-470MHz; 440-480MHz; 470-512MHz
Channel Capacity	2 Zone 32CH (16CH Zone)
Channel Spacing	12.5 kHz
Operation Temperature	-25°C~+60 °C
Operation Voltage	7.4VDC
Antenna Impedance	50Ω
Microphone Impedance	2.2KΩ
Battery Life (5-5-90 duty cycle)	1600mAh Li-ion: 15.0 hours (Analog); 20.4 hours (Digital)
Dimension (height*width*thickness)	105.8 mm×51.3 mm×26.3 mm
Weight	200g (with battery and antenna)

Receiver

Sensitivity	Analog	$\leq 0.22\mu\text{V}(12\text{dB SINAD})@25\text{kHz}$
		$\leq 0.25\mu\text{V}(12\text{dB SINAD})@12.5\text{kHz}$
	Digital	0.22uV (BER 5%)
SNR (Signal-To-Noise Ratio)	$\geq 45\text{ dB @}25\text{kHz}$	$\geq 40\text{ dB@}12.5\text{kHz}$
Adjacent Channel Selectivity	$\geq 70\text{ dB @}25\text{kHz}$	$\geq 65\text{ dB@}12.5\text{kHz}$
Intermodulation	$\geq 65\text{ dB @}25\text{kHz}$	$\geq 60\text{ dB@}12.5\text{kHz}$
Spurious Response Rejection	$\geq 70\text{ dB}$	
Audio Output Power	$\geq 1000\text{ mW}$	
Rated Audio Distortion	$\leq 5\%$	

Transmitter

RF Power	H: UHF 4 W
	L: 1.5W
FM Modulation	25kHz: 16KΦF3E 12.5KkHz: 8KΦF3E
4FSK Digital Modulation	12.5kHz data 7K60FXD
	12.5 kHz data and voice 7K60FXW
Digital Vocoder Type	AMBE++
Digital Protocol	ETSI-TS102 361-1,-2
Harmonic	$\geq 70\text{ dB}$
SNR (Signal-To-Noise Ratio)	$\leq -45\text{ dB@}25\text{kHz}$ $\leq -40\text{ dB @}12.5\text{kHz}$
Rated Audio Distortion	$\leq 5\%$
Frequency Stability	$\pm 2.5\text{ ppm}$
Max. Frequency Deviation	$\leq 5\text{ kHz@}25\text{kHz}$ $\leq 2.5\text{ kHz @}12.5\text{kHz}$

- All specifications are subject to change without notice due to continuous development.



Axiom Authorized Dealer



ISO 9001:14001



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