

Axiom

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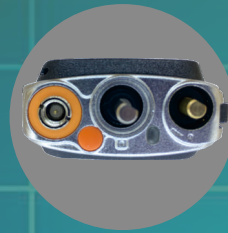


AXP720UT/VT Perfect Combination of Sci-tech and Art

- ▶ Sturdy and durable by full Al-alloy chassis
- ▶ High quality speaker, 1W audio power, louder and clearer
- ▶ Strong anti-interference by independent VCO and AFC solution
- ▶ Battery: Li-ion 1800 mAh standard/ Li-ion 2200 mAh optional
- ▶ IP67 dustproof and waterproof
- ▶ Optional: **Intrinsically Safe**



External bluetooth compatible
IP67 dustproof and waterproof



Double waterproof
layers on antenna base
and knobs

40mm high quality speaker,
louder and clearer voice

Remote emergency alarm

4 programmable keys

Ultra-slim

26.3 mm
(1 inch)

Full Al-alloy chassis, shock and
drop protection, heat eliminable

Application



Construction



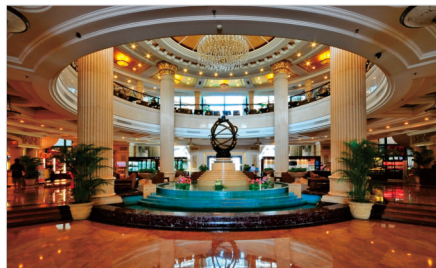
Education



Hospital



Security



Hotel



Shopping Mall

Products Features

Elegant face

Ultra-slim design

Standard of quality

Compliance with international standards CE and FCC

Solution and performance

Independent VCO for RX narrow-band and sophisticated AFC (Auto Frequency Control) circuit design, ensure high anti-interference and excellent talking experience both in analog and digital mode.

Material

High quality PC material from GE PLASTIC, integrated with elegant and robust Al-alloy chassis.

Product details

We are the first manufacturer to adopt the double layer waterproof structure on antenna base and knobs. All current contact pads are gold plated

Technical Highlights

- ◆ Dual mode (digital&analog)
- ◆ TDMA 2 slots
- ◆ Diversified remote emergency alarm
- ◆ IP67 dustproof and waterproof, Complies with MIL-STD-810 C/D/E/F/G standards reliable for using in harsh environment
- ◆ One touch call, including single call group call, emergency call
- ◆ Up to 4 programmable keys, convenient to program
- ◆ Full Al-alloy chassis, rugged and durable
- ◆ High quality 40MM 1W speaker with louder and Clearer voice
- ◆ Standard lithium battery 1800mAh high capacity, Optional 2200mAh for longer usage time

Standard Accessories



Charger
AXBC-780



Li-ion battery
AXB-L1878 1800mAh



Belt clip
AXC-720



Antenna
AXA-D07-W01



Hand strap
AXR-255

Optional Accessories



Multi-power Supply
AXPS-CA6



Programming cable
PC AXP720



Li-ion battery
AXB-L2278 2200mAh

General Specification

Model	AXP720UT/VT
Frequency Range	UHF: 400-470MHz; 450-520MHz; VHF: 136-174MHz
Channel Capacity	2 zone 32CH (16CH/zone)
Channel Spacing	12.5 kHz
Operation Temperature	-25°C~+60 °C
Frequency Stability	±2.5ppm
Operation Voltage	7.4VDC
Antenna Impedance	50Ω
Microphone Impedance	2.2KΩ
Battery Life (5-5-90 duty cycle)	1800mAh: Analog 13.9 hours Digital 17.5 hours 2200mAh: Analog 16.9 hours Digital 21.4 hours
Dimension (height*width*thickness)	126 mm * 53mm * 26.5mm
Weight	280g (with battery and antenna)

Receiver

Sensitivity	Analog	≤ 0.22uV(12dB SINAD)@25kHz
		≤ 0.25uV(12dB SINAD)@12.5kHz
	Digital	0.22uV (BER 5%)
SNR (Signal-To-Noise Ratio)	≥45 dB @25kHz	≥ 40 dB@12.5kHz
Adjacent Channel Selectivity	≥70 dB @25kHz	≥ 65 dB@12.5kHz
Intermodulation	≥65 dB @25kHz	≥ 60 dB@12.5kHz
Spurious Response Rejection	≥ 70 dB	
Audio Output Power	≥ 1000 mW	
Rated Audio Distortion	≤ 5%	

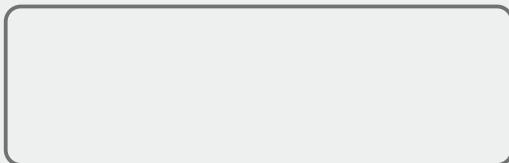
Transmitter

RF Power	H: UHF 4 W , VHF 5 W
	L: 1.5W
FM Modulation	25kHz: 16KΦF3E 12.5kHz: 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	≥ 70 dB
SNR (Signal-To-Noise Ratio)	≤ -45 dB@25kHz ≤ -40 dB @12.5kHz
Rated Audio Distortion	≤ 5%
Frequency Stability	±2.5 ppm
Max. Frequency Deviation	≤ 5 kHz@25kHz ≤ 2.5 kHz @12.5kHz

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



Axiom Authorized Dealer



ISO 9001:14001

Axiom



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