





Hytera AP5 Series is the portable radio designed with business productivity in mind. It provides instant, always-available communications for those engaging in retail, hospitality, and manufacturing industries to collaborate seamlessly and work efficiently.

Slim and light, AP5 Series is easy to carry on the go. It delivers enhanced audio clarity and loudness even in noisy environment, thanks to a 3-watt speaker and noise cancellation algorithm. The Type-C USB port design allows AP5 Series to be charged with a power bank anywhere. Also its high-sensitivity RF module and high-performance antenna extend communication range to make the users stay connected in the workplace.









#### Easy to Use

Ap5 Series packs a wide range of innovative features into a form factor small enough to hold in your hand. It is remarkably intuitive to use. For example, even without screen, AP51X can give a customized voice announcement to confirm operation such as channel switch or programmable key settings, allowing the users to keep eyes on the job at hand.



#### **Trustworthy Quality**

AP5 Series is built with Hytera quality. At Hytera, quality is everywhere, from the world's largest professional mobile radio (PMR) production line, to strict supplier management system, to stringent quality control process. All of these contributes to the durability and reliability of each radio.

### **KEY FEATURES**

- 32/128 channels
- Auto scan
- MIC GAIN AGC
- · Priority channel
- Squelch
- Clear audio
- H/L power switching
- HDC1200 signaling/2-Tone signaling/
   5-Tone signaling (optional)
- CTCSS/CDCSS
- · Talk around
- Timeout timer
- Customized voice announcement (AP51X)
- BT(optional) audio/Android APP programming
- Type-C Charge



# **ACCESSORIES**

STANDARD ACCESSORIES:





Li-polymer Battery 4000mAh (AP51X)



Type-C Cable (AP51X)



Power Adapter (USB) (AP51X)



Li-ion Battery 1500mAh (AP58X)



Rapid-rate Charger (CH10A07, AP58X)



Power Adapter 12V/1A (AP58X)



Belt Clip



Strap



Antenna



Li-ion Battery 2400mAh (AP58X)



Type-C Cable (AP58X)



Power Adapter (USB) (AP58X)



Rapid-rate charger (CH10L32, AP51X)



Power Adapter 12V/1A(AP51X)



Multi-unit charger



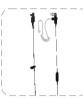
Programming Cable



C-Earset



D-Earset



Earpiece with Transparent Acoustic Tube



Speaker Microphone



Carrying Case (Nylon)



Chest Pack



Waterproof Bag

# **SPECIFICATIONS**

General	AP51X	AP58X
Frequency Range	136-174MHZ;400-470MHZ	136-174MHZ;350-400MHZ;400-470MHZ
Channel Capacity	32	128
Zone Capacity	2	8
Zone Channel	16	
Channel Spacing	12.5kHz/20kHz/25kHz	
Operating Voltage	3.7V (rated) 7.2V (rated)	
Battery	Li-Polymer 4000mAh	Li-ion 1500mAh(Standard); Li-ion 2400mAh(Optional);
Battery Life (5/5/90 Duty Cycle,High TX Power)	17h	12h(1500mAh) 18h(2400mAh)
Frequency Stability	±0.5ppm	
Antenna Impedance	50Ω	
Dimensions (H x W x D)	105 x 55 x 29.5mm	115 x 55 x 29.5mm
Weight(with antenna&battery)	200g	230g
Display	1	1.44 inch monochrome LCD, 128X32pixel
Pacaivar		
Receiver Sensitivity	0.18μV (12dB S	SINAD)
Adjacent Channel Selectivity	TIA-603: 60dB@12.5kHz; 70dB@20/25kHz ETSI: 60dB@12.5kHz; 70dB@20/25kHz	
Intermodulation	TIA-603: 70dB@12.5/20/25kHz ETSI: 65dB@12.5/20/25kHz	
Spurious Response Rejection	TIA-603: 70dB@12.5/20/25kHz ETSI: 70dB@12.5/20/25kHz	
Blocking	TIA-603: 80dB; ETSI: 84dB	
Hum and Noise	40dB@12.5kHz; 43dB@20k	:Hz; 45dB@25kHz
Rated Audio Power Output	0.5W	1W
Rated Audio Distortion	≪3%	
Audio Response	+1~-3dB	
Conducted Spurious Emission	<-57dBm	
Transmitter		
RF Power Output	VHF: 4-5W / 1W UHF: 3-4W / 1W	VHF: 5W / 1W UHF: 4W / 1W
FM Modulation	11K0F3E@12.5kHz; 14K0F3E@20kHz; 16K0F3E@25kHz	
Conducted/Radiated Emission	-36dBm < 1GHz; -30dBm > 1GHz	
Modulation Limiting	±2.5kHz@12.5kHz; ±4.0kHz@20kHz; ±5.0kHz@25kHz	
FM Hum&Noise	40dB@12.5kHz; 43dB@20kHz; 45dB@25kHz	
Adjacent Channel Power	60dB@12.5kHz; 70dB@20/25kHz	
Audio Response	+1 to -3dB	
Audio Distortion	≤3%	
Environmental		
Operating Temperature	20°C*+~+	60°C
Storage Temperature	-30°C* to +60°C -40°C to +85°C	
ESD ESD	IEC 61000-4-2 (Level 4) ±8kV (contact); ±15kV (air)	
Dust and Water Intrusion	IEC60529-IP54	
Dast and Hutter intrasion	MIL-STD-810 H	
Humidity	MII -STD-810	) H



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