



ENHANCED BUSINESS TWO-WAY RADIO

AP588 VHF

STAY CONNECTED, STAY PRODUCTIVE.



AP588 VHF

www.hytera.com

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.





Deliver Crystal-Clear Audio

From the 3-watt speaker to the advanced noise cancellation algorithm, AP5 Series eliminates unwanted ambient noise, reduces distortion, and suppresses howling caused by radios close to each other. So AP5 Series delivers loud and clear audios, helping the users get business-essential information to be more productive at any time.



Communicate Throughout the Workplace

AP5 Series comes with the high-sensitivity RX module and high-efficiency monopole antenna for stronger signal penetration. Thus, the users can communicate smoothly even with low battery or in weak signal areas. Additionally, the antenna has the unique thickened thread design for great flexibility, better radiation efficiency, prolonged service life, and extended communication range.



Outlast Your Shift

Long-lasting battery life keeps the users connected throughout an extended shift. With the low-power consumption design and AP588 can be fully charged in just 1.8 hours.



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



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
- Vote scan
- Priority channel hunt
- Squelch
- Clear audio
- H/L power switching
- HDC1200 signaling/2-Tone signaling/
5-Tone signaling (optional)
- CTCSS/CDCSS
- Talk around
- Timeout timer
- BT (optional)
- Type-C Charge



SPECIFICATIONS

General	AP588 VHF
Frequency Range	136-174MHZ
Channel Capacity	128
Zone Capacity	8
Zone Channel	16
Channel Spacing	12.5kHz
Operating Voltage	7.2V (rated)
Battery	Li-ion 1500mAh(Standard); Li-ion 2200mAh(Optional)
Battery Life (5/5/90 Duty Cycle,High TX Power)	12h(1500mAh) 16h(2200mAh)
Frequency Stability	±0.5ppm
Antenna Impedance	50Ω
Dimensions (H x W x D)	115 x 55 x 29.5mm
Weight(with antenna&battery)	230g
Display	1.44 inch monochrome LCD, 128X32pixel
BT (optional)	BT 5.0 BLE+EDR
Receiver	
Sensitivity	0.18μV (12dB SINAD)
Adjacent Channel Selectivity	TIA-603: 60dB@12.5kHz ETSI: 60dB@12.5kHz
Intermodulation	TIA-603: 70dB@12.5kHz ETSI: 65dB@12.5kHz
Spurious Response Rejection	TIA-603: 70dB@12.5kHz ETSI: 70dB@12.5kHz
Blocking	TIA-603: 80dB; ETSI: 84dB
Hum and Noise	40dB@12.5kHz
Rated Audio Power Output	1W
Rated Audio Distortion	≤3%
Audio Response	+1~-3dB
Conducted Spurious Emission	<-57dBm
Transmitter	
RF Power Output	VHF: 5W / 1W
FM Modulation	11K0F3E@12.5kHz
Conducted/Radiated Emission	-36dBm < 1GHz; -30dBm > 1GHz
Modulation Limiting	±2.5kHz@12.5kHz
FM Hum&Noise	40dB@12.5kHz
Adjacent Channel Power	60dB@12.5kHz
Audio Response	+1 to -3dB
Audio Distortion	≤3%
Environmental	
Operating Temperature	-30°C * to +60°C
Storage Temperature	-40°C to +85°C
ESD	IEC 61000-4-2 (Level 4) ±8kV (contact); ±15kV (air)
Dust and Water Intrusion	IEC60529-IP54
Humidity	MIL-STD-810 H
Shock and Vibration	MIL-STD-810 H

*Radio only - Battery -20°C

ACCESSORIES

STANDARD ACCESSORIES: ☐

OPTIONAL ACCESSORIES: ☐



Li-ion Battery
1500mAh (AP588)



Rapid-rate Charger
(AP588)



Power Adapter
12V/1A (AP588)



Belt Clip



Strap



Antenna



Li-ion Battery
2200mAh (AP588)



Type-C Cable
(AP588)



Power Adapter (USB)
(AP588)



C-Earset



Programming Cable



Carrying Case
(Nylon)



Chest Pack



D-Earset



Earpiece with Transparent
Acoustic Tube



Multi-unit charger



Speaker Microphone



Waterproof Bag



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