



Ultralight Business Two-way Radio

AP32X

STAY CONNECTED. STAY PRODUCTIVE.

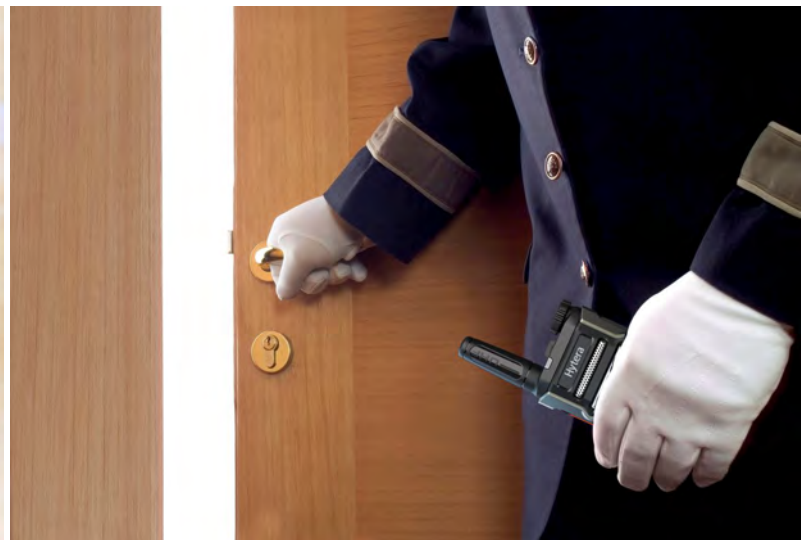




DESIGNED FOR YOUR BUSINESS

- Superb audio from the design of a large acoustic cavity
- Easy to carry with the integration of compact body and ultra-stubby antenna
- Longer communication distance by brand-new RF solution
- Charge, program, and upgrade, all in Type-C USB port





STAY CONNECTED. STAY PRODUCTIVE.



Easy to carry

With a slim form factor and a 4.5cm ultra-stubby antenna, the users can stand, sit or move freely even when they wear the AP32X around the waist.



Loud and clear audio

The 3W speaker outputs up to 90dB audio. With the professional noise cancellation algorithm adopted, the AP32X delivers crystal-clear audios in any noisy environments.



One port fits all

The users can program, upgrade, and charge the AP32X with the same Type-C USB port.



Voice Announcement

The AP32X audibly conveys information such as channel names, zones or battery level, so the users can immediately know the radio status.



Be informed throughout the workplace

Thanks to the 3W TX power and up to 0.18μV receiving sensitivity, the AP32X enables the users to communicate with each other wherever they are in the workspace.



Fast charging on the go

The battery could be fully charged in just 2.5 hours and 1-hour charging time will bring 8-hour communication.



VOX


Using the Voice Operated Transmit (VOX) feature, the users can make a hands-free call without pressing and holding the PTT key.

SPECIFICATIONS

General	
Frequency Range	400-440MHz,430-470MHz
Channel Capacity	32
Zone Capacity	2
Channel Capacity per Zone	16
Channel Spacing	12.5kHz/20kHz/25kHz
Operating Voltage	3.8V
Battery	2,200mAh Li-Polymer
Battery Life (5/5/90 Duty Cycle,High TX Power)	10 hours
Frequency Stability	±0.5ppm
Antenna Impedance	50Ω
Dimensions (HxWxD)	158x55x24mm
Weight	130g
Receiver	
Sensitivity	0.18μV (12dB 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&Noise	40dB@12.5kHz, 43dB@20kHz, 45dB@25kHz
Rated Audio Power Output	0.5W
Rated Audio Distortion	≤3%
Audio Response	+1 to -3dB
Conducted Spurious Emission	<-57dBm
Transmitter	
Power Output	3W/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 ~ +50°C
Storage Temperature	-40°C ~ +85°C
ESD	IEC 61000-4-2(Level 3) ; ±4kV (Contact), ±8kV (Air)


ACCESSORIES

● Standard ● Optional




●

Belt Clip




●

Strap




●

Power Adapter



●

USB Cable



●

3.5mm Earset

