



**Ultralight Analogue
Business Two-way Radio
AP325**

STAY CONNECTED. STAY PRODUCTIVE.





DESIGNED FOR YOUR BUSINESS

- Outstanding sound through the design of a large acoustic cavity
- Easy to carry thanks to the integration of a compact body and an extremely compact antenna
- Longer communication distance by brand-new RF solution
- Charge, program and update with just one Type-C USB port





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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 AP325 on the waist.



Loud and clear audio

The 3W speaker outputs up to 90dB audio. With the professional noise cancellation algorithm adopted, the AP325 delivers crystal-clear audio in any noisy environments.



One port fits all

Users can program, upgrade and charge the AP325 through the same Type-C USB port on the bottom.



Voice Announcement

The AP325 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 0.18 μ V receiving sensitivity, the AP325 enables the users to communicate with each other wherever they are in the workspace.



Fast charging on the go

The built-in battery can be fully charged in just 2.5 hours, and a one-hour charge provides 8 hours of 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 (built-in)
Battery Life (5/5/90 Duty Cycle,High TX Power)	10 hours
Frequency Stability	±0.5ppm
Antenna Impedance	50Ω
Dimensions (HxWxD)	158x55x24mm (with antenna) 118x55x24mm (device housing without antenna)
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



● Standard

Belt Clip



● Standard

Strap



● Standard

Power Adapter



● Standard

USB Cable



● Optional

3.5mm Earset

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