Hytera

ENHANCED BUSINESS LICENCE-FREE ANALOGUE TWO-WAY RADIO

AP515LF

COMPACT, RELIABLE AND READY TO USE STRAIGHT OUT THE BOX



www.hytera-europe.com

The AP515 Licence-Free Business Radio is the perfect choice for instant communication. With a 3W speaker, the compact and light AP515LF can deliver loud and clear audio that allows you to hear and be heard in background noise. It has an incredibly long 25-hour battery life in its most minimal form. The Type-C USB charge plug allows users to charge the radio with a power bank anywhere. With the extended range and a bunch of productivity and efficiency enhancing features, the AP515LF will ensure you stay connected and productive.





HEAR AND BE HEARD ANYWHERE

You might lose key information due to the unclear audio mixed with heavy background noise, or spend much extra time delivering your information to your partners. The AP515LF has a 3W speaker and advanced noise cancellation algorithm to eliminate unwanted background noise, reduce distortion, and suppress howling caused by other devices when in close proximity of each other, delivering louder and clearer audio. The background noise will no longer slow down your communication, and you can hear and be heard wherever you are.

COMMUNICATE THROUGHOUT THE WORKPLACE

The AP515LF has a high-sensitivity receiving module and high-efficiency monopole antenna to enhance signal penetration and achieve better call effects even in weak signal rooms. In addition, the monopole antenna has a unique stable design and is not easy to break and bend, it helps enhance the lifetime of the antenna and also increase the radiation efficiency compared to traditional antennas by 11% to extend radio communication distance.





DO MORE WHILE CARRYING LESS

With a 4000mAh Li-polymer battery, plus the low consumption design, the AP515LF has an incredibly long 25-hour battery life in its most minimal form to supply your increasing need, without compromising in style or performance. With the 10W USB Type C Charger, the radio can be fully charged in just 1.8 hours. With just 1 hours' worth of charge the analogue device is able to allow 8 hours of talk time. The long life battery also helps your teams power through extended shifts. So you can do more, while carrying less.



WORK SMARTLY AND EFFECTIVELY

The AP515LF is coupled with a package of features to make it easy to get your work done. Voice notification confirms the operation for programming buttons or changing the channel.

TRUSTWORTHY QUALITY

Hytera has one of the world's largest professional communication production lines. Each device is manufactured in accordance with strict supplier management system certification, each component meets the quality control requirements to ensure the consistency of product quality.

KEY FEATURES

- 32 channels
- Auto scan
- Vote scan
- Squelch
- Clear audio
- CTCSS/CDCSS
- Timeout timer
- Voice notification
- Type-C USB charge plug

TARGETED INDUSTRIES









SPECIFICATIONS

General	AP515 Licence-Free Analogue Radio
Frequency Range	446.0 to 446.2 MHz
Channel Capacity	32
Zone Capacity	2
Zone Channel	16
Channel Spacing	12.5kHz
Operating Voltage	3.7V (rated)
Battery	4000mAh 3.7V
Battery Life (5/5/90 Duty Cycle, High TX Power)	25h
Frequency Stability	±0.5ppm
Antenna Impedance	50Ω
Dimensions (H x W x D)	105 x 55 x 29.5mm
Weight (with antenna&battery)	200g

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	0.5W
Rated Audio Distortion	≤3%
Audio Response	+1~-3dB
Conducted Spurious Emission	<-57dBm

Transmitter	
RF Power Output	0.5W
FM Modulation	11K0F3E@12.5kHz
Conducted/Radiated Emision	-36dBm < 1GHz; -30dBm > 1GHz
Modulation Limiting	± 2.5kHz@12.kHz
FM Hum and Noise	40dB@12.5kHz
Adjacent Channel Power	60dB@12.5kHz
Audio Response	+1 to -3dB
Audio Distortion	≤3%

Environmental	
Operating Temperature	-30℃* to +60℃
Storage Temperature	-40℃ to +85℃
ESD	IEC 61000-4-2 (Level 4) ±8kV (contact);±15kV (air)
Dust and Water Intrusion	IEC 60529-IP54
Humidity	MIL-STD-810 G
Shock and Vibration	MIL-STD-810 G

*Radio only - Battery -20℃

ACCESSORIES

STANDARD ACCESSORIES:


Li-polymer Battery 4000mAh


Belt Clip


Strap


Type-C Cable


Power Adapter (USB)

OPTIONAL ACCESSORIES:


C-Earset


Programming cable PC155



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