

## Ultralight Business DMR Portable Two-way Radio

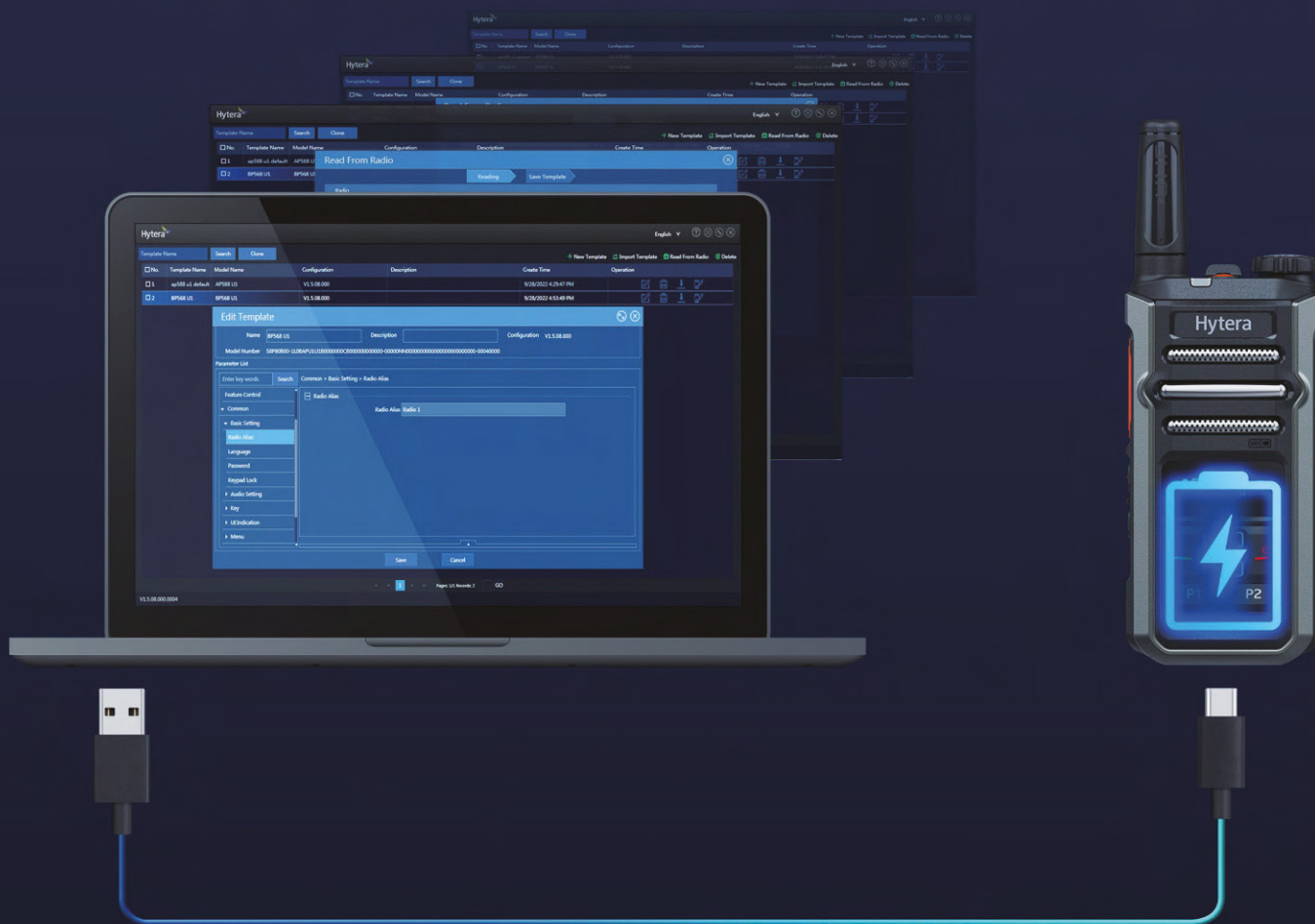
# BP365

STAY CONNECTED. STAY PRODUCTIVE.

- Analog-and-Digital compatibility
- Professional noise cancellation algorithm
- DMO Two-slot communication solution
- Compact body design
- 4.5cm ultra-stubby antenna
- All-in-one Type-C USB port



# STAY CONNECTED. STAY PRODUCTIVE.



## One port fits all

Users can program, upgrade and charge the BP365 through the same Type-C USB port on the bottom.



## 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.



## Save costs of frequency point

Two-slot TDMA technology allows two groups of users to communicate independently at the same time on the same frequency..



## Be informed throughout the workplace

Thanks to the 3W TX power and up to 0.18 $\mu$ V receiving sensitivity, the BP365 enables the users to communicate with each other wherever they are in the workspace.



## VOX

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



4.5cm ultra-stubby antenna facilitates carrying anywhere on the body.



The C-Earset delivers great audio and is comfortable to wear for long periods.



Compact body design and slim-form factor makes BP365 thinner and lighter.



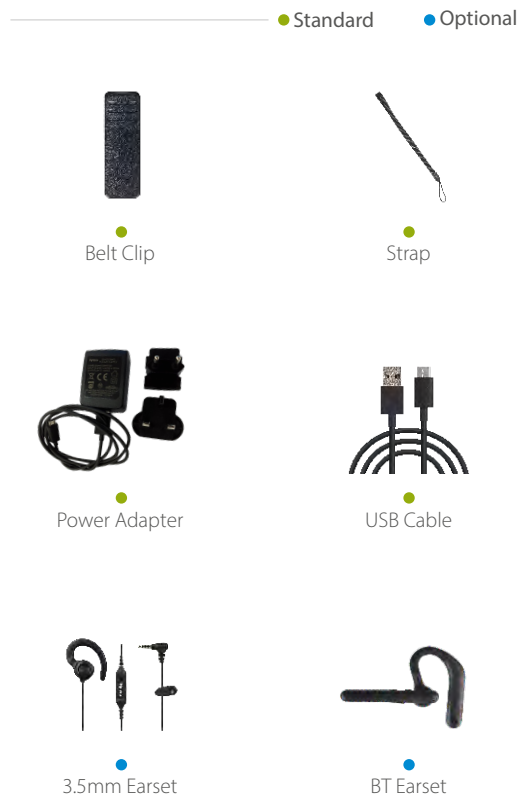
Professional noise cancellation algorithm delivers crystal clear audio.



## SPECIFICATIONS

General	
Frequency Range	400-440MHz, 430-470MHz
Channel Capacity	256
Zone Capacity	8
Channels per zone	16
Channel Spacing	12.5kHz/20kHz/25kHz
Operating Voltage	3.8V
Battery	2200 mAh Li-Polymer (built-in)
Battery Life	Analog: 10 hours (5/5/90 Duty Cycle, High TX Power) Digital: 14 hours
Frequency Stability	±0.5ppm
Antenna Impedance	50Ω
Dimensions (HxWxD)	158x55x24mm (with antenna) 118x55x24mm (device housing without antenna)
Weight	135g
Display	0.9 inch OLED
BT (Optional)	BT 5.0 BLE+EDR
Receiver	
Sensitivity	Analog: 0.18μV Digital: 0.18μV
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
4FSK Digital Modulation	12.5 kHz data only: 7K60FXD 12.5 kHz data and voice: 7K60FXW
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%
Digital Protocol	ETSI-TS102 361-1,-2,-3
Digital Vocoder Type	AMBE+2™
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



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