

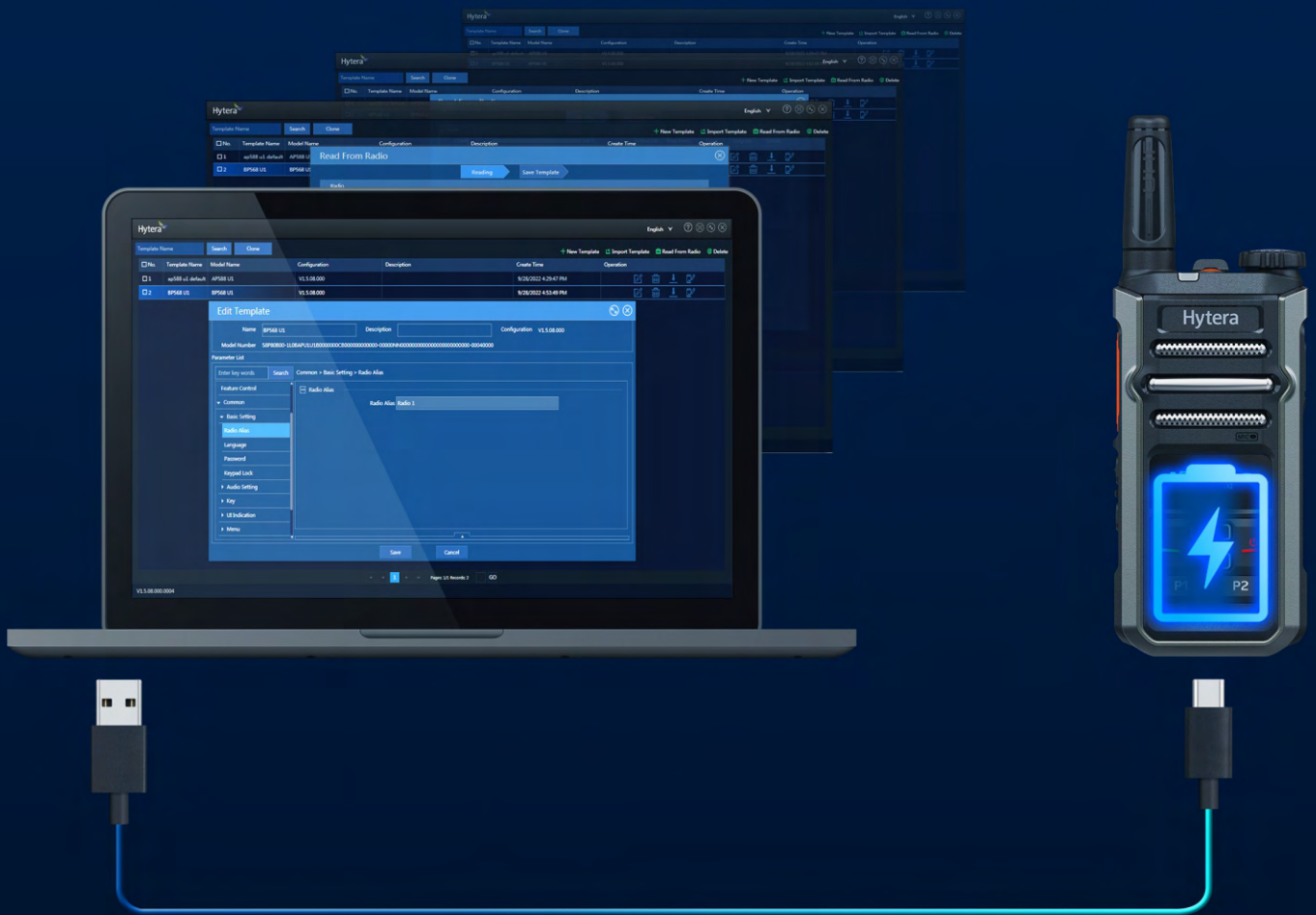
Ultralight Business DMR Portable Two-way Radio **BP36X**

STAY CONNECTED. STAY PRODUCTIVE.

- Analog-and-Digital compatibility
- Professional noise cancellation
- 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

The users can program, upgrade, and charge the BP36X with the same Type-C USB port.



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.



Save costs of frequency point

With the two-slot communication solution adopted, two of the users can transmit voice at the same frequency point simultaneously.



Be informed throughout the workplace

Thanks to the 3W TX power and up to 0.18μV receiving sensitivity, the BP36X enables the users to communicate with each other wherever they are in the workplace.



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 gives a great deal of carry-free.



C-Earset brings great sound and very comfort for long wear.



Compact body design and slim-form factor make BP36X thinner and lighter.



Professional noise cancellation algorithm takes crystal-clear audio.



SPECIFICATIONS

General	
Frequency Range	400-440MHz, 430-470MHz
Channel Capacity	256
Zone Capacity	8
mChannel Capacity per Zone	16
Channel Spacing	12.5kHz/20kHz/25kHz
Operating Voltage	3.8V
Battery	2,200mAh Li-Polymer
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
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

● Standard ● Optional



Belt Clip



Strap



Power Adapter



USB Cable



3.5mm Earset



BT Earset

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