

CB capable Digital Radio BP562

STAY CONNECTED, STAY PRODUCTIVE.



BP562

FEATURES TO KEEP YOU CONNECTED



80-channel CB

As the FreeTalk® 477 logo indicates, this radio requires no license for use of all narrowband 80 CB channels including 16 repeater channels.

* For this function, you need to enable the CB channel in programming.



Unrivaled Ruggedness

IP67 rated, BP562 stands up to a lot of wear and tear. BP562 has an anti-abrasive and anti-scratching housing and durable keys being tested with 400,000 presses. Therefore, the users can use BP562 in any harsh environment.



DESIGNS FOR EASE OF USE



Clear and Loud Audio

With the professional noise cancellation algorithm adopted, BP562 can filter out the ambient noise. The 3-watt speaker can deliver the audio with the loudness up to 90dB. So the users can hear the voice clearly from each other even in an uproarious environment. Plus, when multiple BP562 radios are used together in close proximity, no annoying howling occurs.



Rotary channel switch

Easy to switch between massive channels. It's configurable on channel switch cross Zones or within its current Zone.



Communicate Throughout the Workplace

BP562 comes with the high-sensitivity RX module and high-efficiency monopole antenna for stronger signal penetration. Thus, the users can communicate smoothly even with low battery or in weak signal areas. Additionally, the antenna has the unique thickened thread design for great flexibility, better radiation efficiency, prolonged service life, and extended communication range.





Outlast Your Shift

BP562 features an uncompromised, long-lasting battery which remains 80% capacity even after over 500 charges and discharges. Benefiting from powerful 10W charging, BP562 can be fully charged only in 1.8 hours; in other words, one-hour charging means 10-hour working time on a 5-5-90 duty cycle. The Type-C USB port on the radio allows the users to charge BP562 anywhere with a power bank. In addition, the battery is rugged enough to withstand extreme temperature.



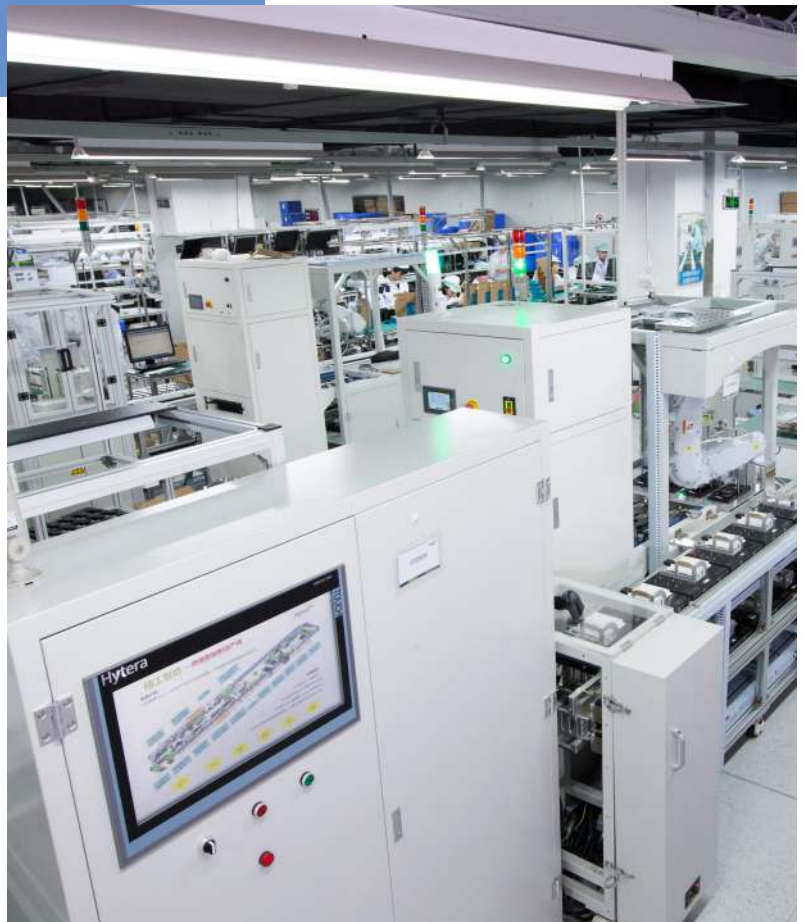
Purpose-built Design

The slim and lightweight design makes BP562 easy to hold and carry. Using the two-shot molding, the radio looks stunning and ensures better tactile feel. The color can be customized to match the working environment or uniforms.



Trustworthy Quality

BP562 is built with Hytera quality. At Hytera, quality is everywhere, from the world's largest professional mobile radio (PMR) production line, to strict supplier management system, to stringent quality control process. All of these contributes to the durability and reliability of each radio.



SPECIFICATIONS

General	
BP562	
Frequency Range	450-520MHZ
Channel Capacity	256
Zone Capacity	8
Zone Channel	16
Channel Spacing	12.5kHz/20kHz/25kHz
Operating Voltage	7.2V
Battery	1500mAh (Standard); 2200mAh (Optional)
Battery Life (5/5/90 Duty Cycle,High TX Power)	Analog: 12h(1500mAh), 16h(2200mAh) Digital: 17h(1500mAh), 23h(2200mAh)
Frequency Stability	±0.5ppm
Antenna Impedance	50Ω
Weight(with antenna&battery)	230g
Dimensions (H x W x D)	115 X 55 X 29.5mm
BT(optional)	BT 5.0 BLE+EDR
Display	1.77 inch TFT, 160X128pixel
Receiver	
Sensitivity	Digital: 0.18μV / BER5% Analog: 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 and Noise	40dB@12.5kHz; 43dB@20kHz; 45dB@25kHz
Rated Audio Power Output	1W
Rated Audio Distortion	≤3%
Audio Response	+1 to -3dB
Conducted Spurious Emission	<-57dBm
Transmitter	
RF Power Output	4W/1W
FM Modulation	11K0F3E@12.5kHz; 14K0F3E@20kHz; 16K0F3E@25kHz
4FSK Digital Modulation	12.5kHz Data Only: 7K60FXD 12.5kHz 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 Vocoder Type	AMBE+2™
Environmental	
Operating Temperature	-30°C* ~ +60°C
Storage Temperature	-40°C ~ +85°C
ESD	IEC 61000-4-2 (Level 4) ±8kV (contact); ±15kV (air)
Dust and Water Intrusion	IEC60529-IP67
Humidity	MIL-STD-810 H
Shock and Vibration	MIL-STD-810 H

*Radio only - Battery -20°C

ACCESSORIES

STANDARD ACCESSORIES: ☐

OPTIONAL ACCESSORIES: ☐



Li-ion Battery
1500mAh



Rapid-rate
Charger



Power Adapter
12V/1A



Belt Clip



Strap



Antenna



Li-ion Battery
2200mAh



Power Adapter(USB)



Type-C Cable



C-Earset



Programming Cable



D-Earset



Earpiece with Transparent
Acoustic Tube



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