

CB capable Digital Radio **BP562**

STAY CONNECTED, STAY PRODUCTIVE.



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.

 $\hbox{* For this function, you need to enable the CB channel in programming.}$



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.









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.



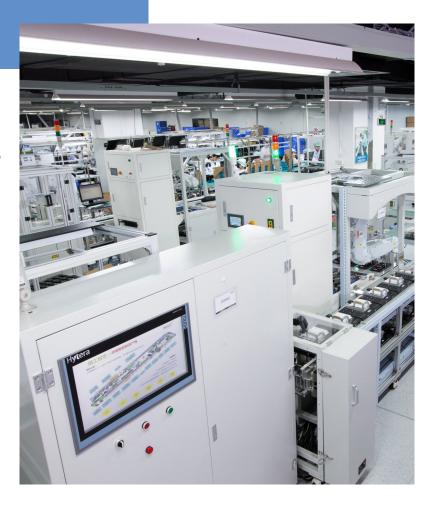
Purpose-built Design

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	DDC CO
	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)	230q
Dimensions (H x W x D)	250g 115×55×29.5mm
Display	1.77 inch TFT, 160X128pixel
Receiver	The meaning to overlapsed
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	5W/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; 43db@20x12; 43db@25xHz
Audio Response	+1 to -3dB
Audio Nesponse Audio Distortion	—————————————————————————————————————
Digital Vocoder Type	MBE+2™
	AMDE+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:





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



Hytera Communications Corporation Limited

Stock Code: 002583.SZ

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