

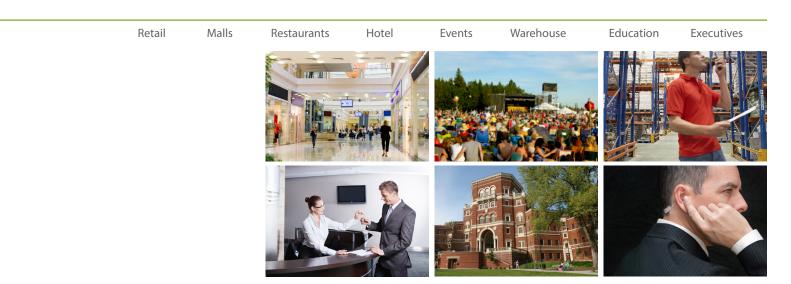




PD362

The Hytera PD362 is an open-standard DMR radio capable of providing quality voice communication in a small pocket-sized design approved to IP54 and MIL-STD 810 testing. The 2000 mAh long lasting battery yields approximately 12 hours under a 5-5-90 duty cycle in digital mode. This is the ideal radio solution for small organizations looking for a cost-effective way to migrate to clear digital communication.

Applications



Product Features

Pocket Size Design

The monochrome display allows good visibility even under extremely strong light. The compact antenna design and light weight PC & Metal frame design. The P362 is 4.84 x 2.17 x 0.91 inches weighing 5.64oz.

Micro USB Port

The Micro USB port allows you to use a standard USB to Micro USB to charge the radio.

Compact Antenna

The creative and compact antenna design makes the PD362 sleek and gives it a cellular phone feel.

• Dual Mode: Analog & Digital

Dual mode (analog & digital) operation ensures a smooth analog to digital migration.

One Touch Call/Text

Supports One Touch features that comprise of Preprogrammed Text Messages, Voice Calls and Supplementary Features.

Scan

Capable of scanning of pure analog voice and signaling, pure Digital voice and data, and also mix mode scan that comprise of Analog and Digital activities.

Versatile Voice Calls

The intelligent signaling supports various voice call types, including Private Call, Group Call, All Call and Emergency Call.

• Various Analog Signaling Types

Various analog signaling types various squelch control types (CTCSS / CDCSS), thus providing higher function expansion capacity to the analog world.

Monochrome Display

Two line display with monochrome color and supports messaging with up to 64 characters.

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Single Pin Accessory Port

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Pocket Size Design

Hytera



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Accessories

Included

- Li-Ion Battery
- Micro-USB Power Adapter
- Antenna (attached)
- Belt Clip

Nylon Strap

Optiona



Rapid Rate Charger CH10L20



Programming Cable (Micro USB / USB Port) PC69



Earset C-Type In-line Speaker / MIC EHS16



Specifications

General	Frequency Range	UHF: 430-470Mz	
	Channel Capacity	256	
	Channel Spacing	25 / 12.5KHz	
	Operating Voltage	3.7V	
	Battery	2000mAh (Li-lon)	
	Battery Life (5-5-90 Duty Cycle)	Analog	Approx. 10hrs
		Digital	Approx. 12hrs
	Frequency Stability	±0.5ppm	
	Antenna Impedance	50 Ω	
	Dimensions (HxWxD)	4.84 x 2.17 x 0.91 inches	
	Weight	5.64 oz	
	FCC ID	See Website for Full List	
	Industry Canada ID	See Website for Full List	
mental Specs	Operating Temperature	-22° F ~ +140° F	
	Storage Temperature	-40° F~ +185° F	
	ESD	IEC 61000 - 4 - 2 (level 4) ± 8kV(contact) ; ± 15kV (air)	
	American Military Standard	MIL-STD-810 C/D/E/F/G	
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IP54 Standard

Per MIL-STD-810 C/D/E/F/G Standard

Per MIL-STD-810 C/D/E/F/G Standard

1.5 - 3W
11K F3E @ 12.5KHz 16K F3E @ 25KHz
5KHz Data Only: 7K6 FXD KHz Data & Voice: 7K6 FXW
-36dBm<1GHz -30dBm>1GHz
± 2.5KHz @ 12.5KHz ± 5.0KHz @ 25KHz
40dB @ 12.5KHz 45dB @ 25KHz
60dB @ 12.5KHz 70dB @ 25KHz
+1 ~ -3dB
≤3%
AMBE++ or SELP
ETSI-TS102 361-1, 2&3
-

Receiver	Sensitivity	Analog	0.22µ V (12dB SINAD) ; 0.22µ V (Typical) (12dB SINAD); 0.4µ V (20dB SINAD)
		Digital	0.22µ V/BER5%
	Selectivity TIA-603 ETSI	60dB @ 12.5KHz / 75dB @ 25KHz 60dB @ 12.5KHz / 70dB @ 25KHz	
	Intermodulation TIA-603 ETSI	70dB @ 12.5 /25KHz 65dB @ 12.5 /25KHz	
	Spurious Response Rejection TIA-603 ETSI	70dB @ 12.5 / 25KHz 70dB @ 12.5 /25KHz	
	Blocking TIA-603 ETSI	80dB 84dB	
	S/N	40dB @ 12.5KHz ; 43dB @ 20KHz ; 45dB @ 25KHz	
	Rated Audio Power Output	0.4W	
	Rated Audio Distortion	≤5%	
	Audio Response	+1 ~ -3dB	
	Conducted Spurious Emission	< -57dBm	

Your Local Dealer

For more information, please contact

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 $20 \mbox{KHz}$ / $25 \mbox{KHz}$ will not be available on new equipment in the U.S. after January 1^{st} , 2011

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