

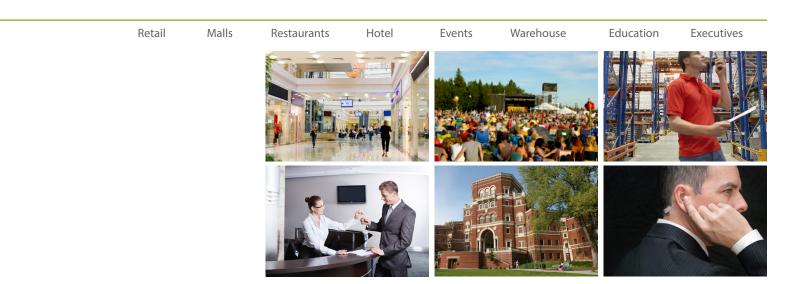




# PD362

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
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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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