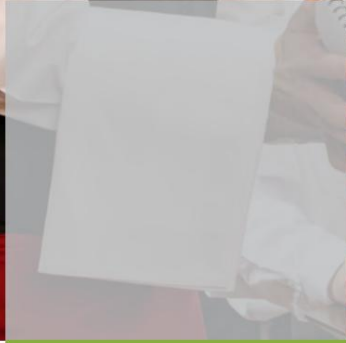




Pocket-Size Digital Portable Radio

PD362 *i* SERIES

- Pocket-Sized Design with Easy Charging Through Micro-USB
- Analog / Digital Dual Mode Operation for Easy Transition to Digital



The Hytera PD362 is an open-

standard DMR radio capable of providing quality voice communication in a small pocket-sized

Apps

Retail

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Education

Executives



Product Features

- PocketSizeDesign** The monochrome display allows good visibility even under extremely strong light. The compact antenna design and light weight PC & Metal frame design. The PD362i is 4.84 x 2.17 x 0.91 inches weighing 5.64oz.
- MicroUSB Port** The Micro USB port allows you to use a standard USB to Micro USB to charge the radio
- CompactAntenna** The creative and compact antenna design makes the PD362i sleek and gives it a cellular phone feel
- MonochromeDisplay** Two line display with monochrome color and supports messaging with up to 64 characters.
- DualMode:Analog&Digital** Dual mode (analog & digital) operation ensures a smooth analog to digital migration.
- Scan** Capable of scanning of pure analog voice and signaling, pure Digital voice and data.
- Mixed Mode RX** Allows the radio to monitor both analog and digital calls on a single frequency.
- VersatileVoiceCalls** The intelligent signaling supports various voice call types, including Private Call, Group Call , and All Call.
- VariousAnalogSignalingTypes** Various analog signaling types various squelch control types (CTCSS / CDCSS), thus providing higher function expansion capacity to the analog world.
- Additional Features**
 - Voice Calls - Private, Group Call and ALL CALL
 - Pre-programmed text messages
 - Pseudo Trunk operation & Basic Encryption (via license)
 - Remote Monitor, Radio enable / disable and Priority Interrupt (via license)
 - Radio Registration Service (RRS)
 - Emergency call
 - Roaming
- Wireless Charging** Wireless charging (requires new battery cover and wireless charging dock) for ease of use



Pocket Size Design



Superior Audio

Single Pin Accessory Port



Micro-USB Charging



Accessories

Included

- Li-Ion Battery
- Micro-USB Power Adapter
- Antenna (attached)
- belt clip
- Nylon Strap

See website for full list



Wireless Charging Kit
POA113



Rapid Rate
Load
CH10L20



Programming Cable
(Micro USB / USB Port)
PC69



Earset C-Type
In-line Speaker / MIC
EHS16

Specifications

Frequency Range	UHF: 430-470Mz	
Channel Capacity	256	
Channel Spacing	25/12.5KHz	
Operating Voltage	3.7V	
Battery	2000mAh (Li-Ion)	
Battery Life (5-5-90 Duty Cycle)	analog	Approx. 10 a.m.
	Digital	Approx. 12 hrs
Frequency Stability	± 0.5ppm	
Antenna Impedance	50 Ω	
Dimensions (HxWxD)	4.84 x 2.17 x 0.91 inches	
Weight	5.64oz	
FCC-ID	See Website for Full List	
Industry Canada ID	See Website for Full List	

Operating Temperature	-22O F ~ +140O F
Storage temperature	-40O F~ +185O F
ESD	IEC 61000 - 4 - 2 (level 4) ± 8kV(contact); 15kV (air)
American Military Standard	MIL-STD-810 C/D/E/F/G
Dust & Water Intrusion	Standard IP54
Humidity	Per MIL-STD-810 C/D/E/F/G Standard
Shock & Vibration	Per MIL-STD-810 C/D/E/F/G Standard

RF Power Output	1.5 - 3W
FM Modulation (Analog Emissions Designer)	11K F3E@12.5KHz 16K F3E@25KHz
4FSK Digital Modulation (Digital Emissions Designer)	12.5KHz Data Only: 7K6 FXD 12.5KHz Data & Voice: 7K6 FXW
Conducted/Radiated Emission	-36dBm<1GHz -30dBm>1GHz
Modulation Limiting	± 2.5KHz@12.5KHz ± 5.0KHz@25KHz
FM Hum & Noise	40dB @ 12.5KHz 45dB @ 25KHz
Adjacent Channel Power	60dB @ 12.5KHz 70dB @ 25KHz
Audio Response	+1~-3dB
Audio Distortion	≤ 3%
Digital Vocoder Type	AMBE+2 TM
Digital-Protocol	ETSI-TS102 361-1, 2&3

Sensitivity	analog	0.22 μ V (12dB SINAD); 0.22 μ V (Typical) (12dB SINAD); 0.4 μ V (20dB SINAD)
	Digital	0.22 μ 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



Hytera America

3315 Commerce Parkway, Miramar, FL 33025, United States
Telephone: +1(954)846-1011

8 Whatney, Suite 200, Irvine, CA 92618, United States
Telephone: +1(949)326-5740

1916 Wright Boulevard, Schaumburg, IL 60193, United States
Telephone: +1 (213) 262-3578



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