



Respond & Achieve

Hytera on Fast Track

DMR Product Portfolio

Hytera America



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Hytera DMR Product Overview

PD3 Series



PD362 Overview



Item	Specifications
Frequency Bands	430-470 MHz
Dimensions	4.84 x 2.17 x 0.91 in. (2000mAh Li-ion Battery)
Weight	about 5.64 oz. (2000 mAh Li-ion Battery)
RF Output Power	Low: 1W; High: 3W(UHF)
Battery Life	Digital: about 12 Hours (2000mAh Li-ion Battery)
Channel Capacity	256 Channels; 16 Zones
Dust & Water Intrusion	IP54 Standard

- **Dual Modes (Analog & Digital)**
- **Individual Call, Group Call & All Call**
- **No Alert Call**
- **32 Contacts**
- **No Customized Tones**
- **No Control Services**
- **Has Scan but Not Dual Mode Scan & No Priority Sweep**



PD5 Series



PD502 Overview



Item	Specifications
Frequency Bands	136-174 MHz; 400-470 MHz
Dimensions	4.53 x 2.13 x 1.06 in. (1500mAh Li-ion Battery)
Weight	about 9.17 oz. (1500 mAh Li-ion Battery)
RF Output Power	Low: 1W; High: 5W(VHF) /4W(UHF)
Battery Life	Digital: about 16 Hours (1500mAh Li-ion Battery)
Channel Capacity	32 Channels; 3 Zones
Dust & Water Intrusion	IP54 Standard

- Dual Modes (Analog & Digital)
- Individual Call, Group Call & All Call
- MDC1200, 2-Tone & 5-Tone
- Remote Monitor (Decode) **Optional**
- Radio Kill & Revive (Decode) **Optional**
- Priority Interrupt **Optional**
- Rental Feature
- Basic Encryption (40bit,128bit,256bit)
- Site Roaming **Included Free**
- Pseudo Trunking
- **DMO True 2 Slot**



PD562 Overview



Item	Specifications
Frequency Bands	136-174 MHz; 400-470 MHz
Dimensions	4.53 x 2.13 x 1.18 in. (1500mAh Li-ion Battery)
Weight	about 9.87 oz. (1500 mAh Li-ion Battery)
RF Output Power	Low: 1W; High: 5W(VHF) /4W(UHF)
Battery Life	Digital: about 12 Hours (1500mAh Li-ion Battery)
Channel Capacity	512 Channels; 32 Zones
Dust & Water Intrusion	IP54 Standard

- Dual Modes (Analog & Digital)
- Individual Call, Group Call & All Call
- MDC1200, 2-Tone & 5-Tone
- Remote Monitor **Optional**
- Radio Kill & Revive **Optional**
- Priority Interrupt **Optional**
- Rental Feature
- Basic Encryption (40bit,128bit,256bit)
- Site Roaming **Included Free**
- Pseudo Trunking
- **DMO True 2 Slot**



PD6 Series



PD602 Overview



Item	Specifications
Frequency Bands	136-174 MHz; 400-527MHz
Dimensions	4.68 x 2.12 x 1.06 in. (1500mAh Li-ion Battery)
Weight	about 10.22 oz. (1500 mAh Li-ion Battery)
RF Output Power	Low: 1W; High: 5W(VHF) /4W(UHF)
Battery Life	Digital: about 16 Hours (1500mAh Li-ion Battery)
Channel Capacity	32 Channels; 3 Zones
Dust & Water Intrusion	IP67 Standard

- Dual Modes (Analog & Digital)
- Individual Call, Group Call & All Call
- GPS **Optional**
- Man Down **Optional**
- MDC1200, 2-Tone & 5-Tone
- Remote Monitor (Decode) **Included**
- Radio Kill & Revive (Decode) **Included**
- Priority Interrupt **Optional**
- Lone Worker
- Rental Feature
- Telemetry
- Emergency
- Open API for 3rd Party Partner
- Basic Encryption (40bit,128bit,256bit)
- Enhanced Encryption (ARC40bit, AES128 / 256bit) **Optional**
- Site Roaming **Included Free**
- Pseudo Trunking
- **DMO True 2 Slot**



PD662 Overview



Item	Specifications
Frequency Bands	136-174 MHz; 400-527MHz
Dimensions	4.80 x 2.16 x 1.06 in. (1500mAh Li-ion Battery)
Weight	about 10.93 oz. (1500 mAh Li-ion Battery)
RF Output Power	Low: 1W; High: 5W(VHF) /4W(UHF)
Battery Life	Digital: about 12 Hours (1500mAh Li-ion Battery)
Channel Capacity	1024 Channels; 64 Zones
Dust & Water Intrusion	IP67 Standard

- Dual Modes (Analog & Digital)
- Individual Call, Group Call & All Call
- GPS **Optional**
- Man Down **Optional**
- MDC1200, 2-Tone & 5-Tone
- Remote Monitor **Included**
- Radio Kill & Revive **Included**
- Priority Interrupt **Optional**
- Lone Worker
- Rental Feature
- Telemetry
- Emergency
- Open API for 3rd Party Partner
- Basic Encryption (40bit,128bit,256bit)
- Enhanced Encryption (ARC40bit, AES128 / 256bit) **Optional**
- Site Roaming **Included Free**
- Pseudo Trunking
- **DMO True 2 Slot**



PD682 Overview



Item	Specifications
Frequency Bands	136-174 MHz; 400-527MHz
Dimensions	4.80 x 2.16 x 1.06 in. (1500mAh Li-ion Battery)
Weight	about 10.93 oz. (1500 mAh Li-ion Battery)
RF Output Power	Low: 1W; High: 5W(VHF) /4W(UHF)
Battery Life	Digital: about 12 Hours (1500mAh Li-ion Battery)
Channel Capacity	1024 Channels; 64 Zones
Dust & Water Intrusion	IP67 Standard

- Dual Modes (Analog & Digital)
- Individual Call, Group Call & All Call
- GPS **Optional**
- Man Down **Optional**
- MDC1200, 2-Tone & 5-Tone
- Remote Monitor **Included**
- Radio Kill & Revive **Included**
- Priority Interrupt **Optional**
- Lone Worker
- Rental Feature
- Telemetry
- Emergency
- Open API for 3rd Party Partner
- Basic Encryption (40bit,128bit,256bit)
- Enhanced Encryption (ARC40bit, AES128 / 256bit) **Optional**
- Site Roaming **Included Free**
- Pseudo Trunking
- **DMO True 2 Slot**



PD7 Series



PD702 Overview



Item	Specifications
Frequency Bands	136-174 MHz; 400-470 MHz; 450-520MHz
Dimensions	4.9 x 2.17 x 1.38 in. (2000mAh Li-ion Battery)
Weight	about 11.82 oz. (2000 mAh Li-ion Battery)
RF Output Power	Low: 1W; High: 5W(VHF) /4W(UHF)
Battery Life	Digital: about 15 Hours (2000mAh Li-ion Battery)
Channel Capacity	32 Channels; 3 Zones
Dust & Water Intrusion	IP67 Standard

- Dual Modes (Analog & Digital)
- DMR Tier-III Trunking **Optional**
- Individual Call, Group Call & All Call
- GPS **Optional**
- Man Down **Optional**
- MDC1200, 2-Tone & 5-Tone
- Pseudo Trunking
- **Vibration**
- Priority Interrupt **Included**
- Lone Worker
- Rental Feature
- Telemetry
- Emergency & **Dedicated Top Key**
- Open API for 3rd Party Partner
- Basic Encryption (40bit,128bit,256bit)
- Enhanced Encryption (ARC40bit, AES128 / 256bit) **Optional**
- Site Roaming **Included Free**
- Remote Monitor (Decode) **Included**
- Radio Kill & Revive (Decode) **Included**



PD752 Overview



Item	Specifications
Frequency Bands	136-174 MHz; 400-470 MHz; 450-520MHz
Dimensions	4.9 x 2.17 x 1.46 in. (2000mAh Li-ion Battery)
Weight	about 12.52 oz. (2000 mAh Li-ion Battery)
RF Output Power	Low: 1W; High: 5W(VHF) /4W(UHF)
Battery Life	Digital: about 15 Hours (2000mAh Li-ion Battery)
Channel Capacity	1024 Channels; 64 Zones
Dust & Water Intrusion	IP67 Standard

- Dual Modes (Analog & Digital)
- DMR Tier-III Trunking **Optional**
- Individual Call, Group Call & All Call
- GPS **Optional**
- Man Down **Optional**
- MDC1200, 2-Tone & 5-Tone
- Pseudo Trunking
- Priority Interrupt **Included**
- **Vibration**
- Lone Worker
- Rental Feature
- Telemetry
- Emergency & **Dedicated Top Key**
- Open API for 3rd Party Partner
- Basic Encryption (40bit,128bit,256bit)
- Enhanced Encryption (ARC40bit, AES128 / 256bit) **Optional**
- Site Roaming **Included Free**
- Radio Kill & Revive (Encode & Decode) **Included**
- Remote Monitor (Encode & Decode) **Included**



PD782 Overview



Item	Specifications
Frequency Bands	136-174 MHz; 400-470 MHz; 450-520MHz
Dimensions	4.9 x 2.17 x 1.46 in. (2000mAh Li-ion Battery)
Weight	about 12.52 oz. (2000 mAh Li-ion Battery)
RF Output Power	Low: 1W; High: 5W(VHF) /4W(UHF)
Battery Life	Digital: about 15 Hours (2000mAh Li-ion Battery)
Channel Capacity	1024 Channels; 64 Zones
Dust & Water Intrusion	IP67 Standard

- Dual Modes (Analog & Digital)
- DMR Tier-III Trunking **Optional**
- Individual Call, Group Call & All Call
- GPS **Optional**
- Man Down **Optional**
- MDC1200, 2-Tone & 5-Tone
- Pseudo Trunking
- Priority Interrupt **Included**
- **Vibration**
- Lone Worker
- Rental Feature
- Telemetry
- Emergency & **Dedicated Top Key**
- Open API for 3rd Party Partner
- Basic Encryption (40bit,128bit,256bit)
- Enhanced Encryption (ARC40bit, AES128 / 256bit) **Optional**
- Site Roaming **Included Free**
- Radio Kill & Revive (Encode & Decode) **Included**
- Remote Monitor (Encode & Decode) **Included**



X1e Overview



Item	Specifications
Frequency Bands	136-174 MHz; 400-470 MHz; 450-520MHz
Dimensions	4.7 x 2.24 x 1.02 in. (1800mAh Li-ion Battery)
Weight	about 9.17 oz. (1800 mAh Li-ion Battery)
RF Output Power	Low: 1W; High: 5W(VHF) /4W(UHF)
Battery Life	Digital: about 15 Hours (1800mAh Li-ion Battery)
Channel Capacity	32 Channels; 3 Zones
Dust & Water Intrusion	IP67 Standard

- Dual Modes (Analog & Digital)
- DMR Tier-III Trunking **Optional**
- Individual Call, Group Call & All Call
- GPS **Included**
- Man Down **Included**
- MDC1200, 2-Tone & 5-Tone
- Pseudo Trunking
- **Vibration**
- Priority Interrupt **Included**
- Lone Worker
- Rental Feature
- Telemetry
- Emergency & **Dedicated Top Key**
- Open API for 3rd Party Partner
- Basic Encryption (40bit,128bit,256bit)
- Enhanced Encryption (ARC40bit, AES128 / 256bit) **Optional**
- Site Roaming **Included Free**
- Remote Monitor (Decode) **Included**
- Radio Kill & Revive (Decode) **Included**



X1p Overview



Item	Specifications
Frequency Bands	136-174 MHz; 400-470 MHz; 450-520MHz
Dimensions	4.7 x 2.24 x 0.91 in. (1800mAh Li-ion Battery)
Weight	about 9.88 oz. (1800 mAh Li-ion Battery)
RF Output Power	Low: 1W; High: 5W(VHF) /4W(UHF)
Battery Life	Digital: about 15 Hours (1800mAh Li-ion Battery)
Channel Capacity	1024 Channels; 64 Zones
Dust & Water Intrusion	IP67 Standard

- Dual Modes (Analog & Digital)
- DMR Tier-III Trunking **Optional**
- Individual Call, Group Call & All Call
- GPS **Included**
- Man Down **Included**
- MDC1200, 2-Tone & 5-Tone
- Pseudo Trunking
- **Vibration**
- Priority Interrupt **Included**
- Lone Worker
- Rental Feature
- Telemetry
- Emergency & **Dedicated Top Key**
- Open API for 3rd Party Partner
- Basic Encryption (40bit,128bit,256bit)
- Enhanced Encryption (ARC40bit, AES128 / 256bit) **Optional**
- Site Roaming **Included Free**
- Remote Monitor (Decode & Encode) **Included**
- Radio Kill & Revive (Decode & Encode) **Included**



Portable Feature Comparison



Features		PD3	PD5	PD6	PD7	X1
Optional Module	GPS	NA	N/A	Optional	Optional	Included
	Mandown	NA	N/A	Optional	Optional	Included
	Vibration	NA	N/A	N/A	Included	Included
Operating Mode	Analog Conventional	Included	Included	Included	Included	Included
	Digital Conventional	Included	Included	Included	Included	Included
	Analog Trunking	NA	N/A	N/A	Optional MPT	Optional MPT
	XPT Trunking	NA	NA	Included	Included	Included
	Digital Trunking	NA	N/A	N/A	Optional	Optional
Analog Conventional Features	Scrambler	NA	Included	Included	Included	Included
	2-Tone	NA	Included	Included	Included	Included
	5-Tone	NA	Included	Included	Included	Included
	MDC1200	NA	Included	Included	Included	Included
Hardware Interface	Accessories API	NA	N/A	Included	Included	Included
	GOB	NA	N/A	N/A	Optional	Optional
Software Interface	General API for OTAP, Work Order, Ctrl Services, GPS, etc.	NA	N/A	Included	Included	Included
	Encryption API Conventional	NA	N/A	N/A	Included	Included
	Encryption API Trunking	NA	N/A	N/A	Included	Included
Chargers	Single-Unit	CH10L20	CH10A07/ CH10A04	CH10A07/ CH10A04	CH10A07/ CH10A04	CH10L15
	Multi-Unit	NA	MCA08	MCA08	MCA08	MCA10

Portable Feature Comparison



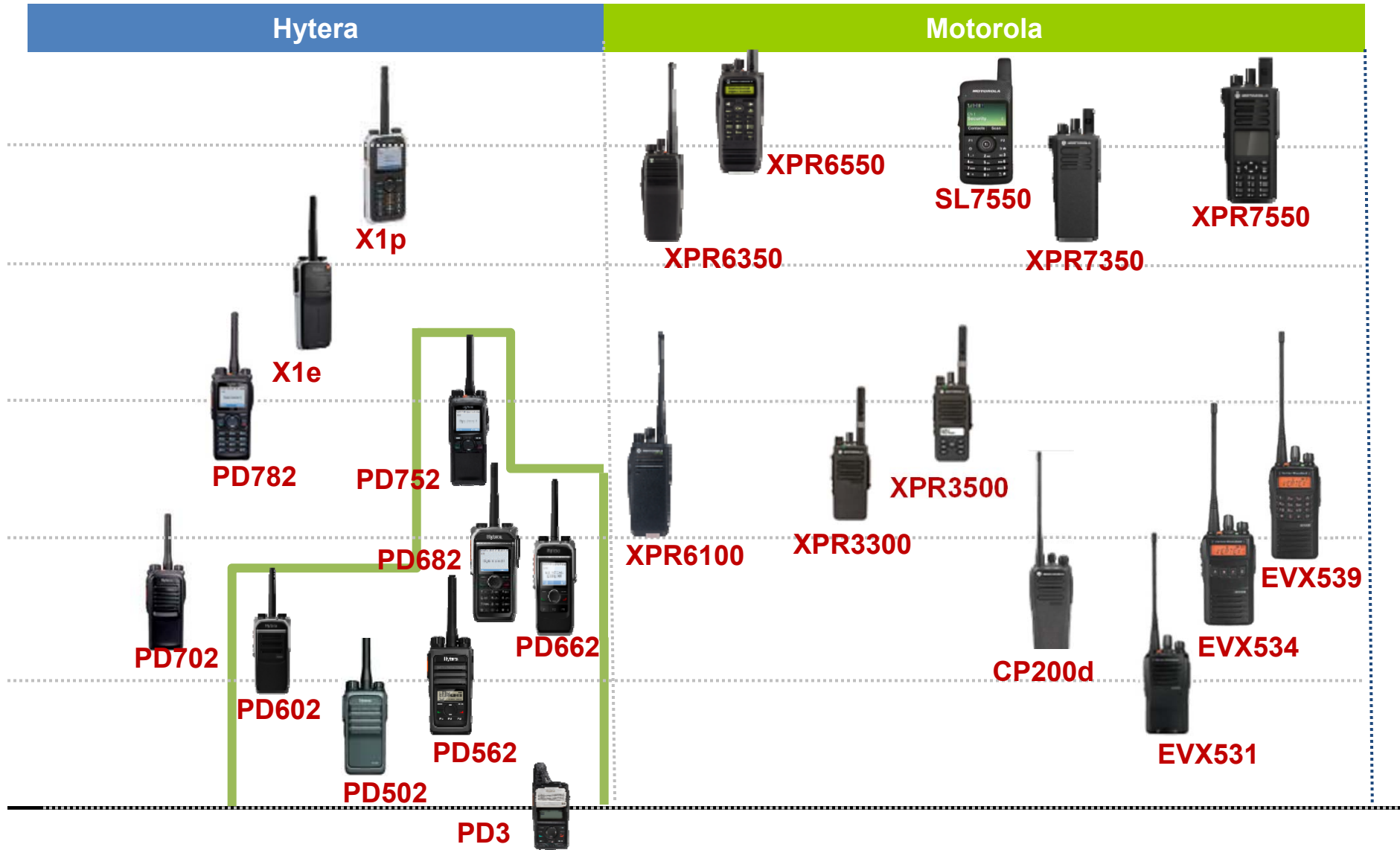
Features		PD3	PD5	PD6	PD7	X1
Digital Conventional Features	Basic Encryption	NA	Included	Included	Included	Included
	Enhanced Encryption (Hytera)	NA	N/A	Optional	Optional	Optional
	Enhanced Encryption (DMRA)	NA	N/A	Included	Included	Included
	Roaming	NA	Included	Included	Included	Included
	IP-Connected System Compatibility	Included	Included	Included	Included	Included
	Priority Interrupt	NA	Optional	Optional	Included	Included
	Remote Monitor Decode (RC)	NA	Optional	Included	Included	Included
	Programmable Top Key	NA	N/A	N/A	Included	Included
	Programmable Emergency Siren	NA	N/A	Included	Included	Included
	Channel Capacity (Zone/CH)	256	512	1024	1024	1024
	Text Message	Included	Included	Included	Included	Included
	Radio Enable/Disable	NA	Optional	Included	Included	Included
	OTAP	NA	N/A	Included	Included	Included
	Pseudo Trunk	NA	Included	Included	Included	Included
	DMO True 2-Slot	NA	Included	Included	N/A	N/A
PC Tools	Encryption Keyloader	NA	N/A	Optional	Optional	Optional
	CH Voice Customization	NA	Included	Included	Included	Included
Programming	Programming Cable	PC69	PC63	PC45	PC37	PC45
Ruggedness	IP Rating	IP54	IP54	IP67	IP67	IP67
	MIL-STD 810	C/D/E/F/G	C/D/E/F/G	C/D/E/F/G	C/D/E/F/G	C/D/E/F/G

License Upgrade for Subscribers



Item Code	Description
SW00051	Priority Interrupt & Remote Monitor & Radio Enable / Disable for PD5 Series
SW00017	Advanced Digital Encryption License for Subscribers PD7, PD6, MD6, & X1 Series
SW00052	Priority Interrupt for PD6 & MD6 Series

Competitive Cost Matrix



Applicable Markets



X1 Series

Security

Business

Public Safety

Police

Executive



PD7 Series

Campus Security

EMS

Fire

Manufacturing

Corrections



PD6 Series

Hotel

Maintenance

Manufacturing

Farming

Forestry



PD3 & PD5 Series

Events

Warehouse

Retail

Mall

Rentals

Intrinsically Safe Series



PD702 UL913 Overview



Item	Specifications
Frequency Bands	136-174 MHz; 400-470 MHz
Dimensions	4.92 x 2.16 x 1.69 in. (2400mAh Li-Ion Battery)
Weight	12.5 oz. (2400mAh Li-Ion Battery)
RF Output Power	L: 1W; H: 5W (VHF) / 4W (UHF) / 3W (800MHz)
Battery Life	Digital: about 17 hrs. (2400mAh Li-Ion Battery)
Channel Capacity	1024 Channels; 64 Zones
Dust & Water Intrusion	IP67 Standard



- Dual Modes (Analog & Digital)
- DMR Tier-III Trunking **Optional**
- Individual Call, Group Call & All Call
- GPS **Included Free**
- Man Down **Included Free**
- MDC1200, 2-Tone & 5-Tone
- Priority Interrupt **Included**
- Pseudo Trunking
- Lone Worker
- Rental Feature
- Telemetry
- Open API for 3rd Party Partner
- Basic Encryption (40bit,128bit,256bit)
- Enhanced Encryption (ARC40bit, AES128 / 256bit) **Optional**
- Remote Monitor (Decode & Encode) **Included**
- Radio Kill & Revive (Decode & Encode) **Included**
- Site Roaming **Included Free**
- Emergency & **Dedicated Top Key**

PD782 UL913 Overview



Item	Specifications
Frequency Bands	136-174 MHz; 400-470 MHz
Dimensions	4.92 x 2.16 x 1.69 in. (2400mAh Li-Ion Battery)
Weight	13.01 oz. (2400mAh Li-Ion Battery)
RF Output Power	L: 1W; H: 5W (VHF) / 4W (UHF) / 3W (800MHz)
Battery Life	Digital: about 17 hrs. (2400mAh Li-Ion Battery)
Channel Capacity	1024 Channels; 64 Zones
Dust & Water Intrusion	IP67 Standard

- Dual Modes (Analog & Digital)
- DMR Tier-III Trunking **Optional**
- Individual Call, Group Call & All Call
- GPS **Included Free**
- Man Down **Included Free**
- MDC1200, 2-Tone & 5-Tone
- Priority Interrupt **Included**
- Pseudo Trunking
- Lone Worker
- Rental Feature
- Telemetry
- Open API for 3rd Party Partner
- Basic Encryption (40bit,128bit,256bit)
- Enhanced Encryption (ARC40bit, AES128 / 256bit) **Optional**
- Remote Monitor (Decode & Encode) **Included**
- Radio Kill & Revive (Decode & Encode) **Included**
- Site Roaming **Included Free**
- Emergency & **Dedicated Top Key**



PD792Ex Overview



Item	Specifications
Frequency Bands	136-174 MHz; 400-470 MHz
Dimensions	5.55 x 2.16 x 1.53 inches
Weight	1.1 lbs.
RF Output Power	1W
Battery Life	Digital: about 17 hrs. (1800mAh Li-Ion Battery)
Channel Capacity	1024 Channels; 64 Zones
Dust & Water Intrusion	IP67 Standard



- Dual Modes (Analog & Digital)
- DMR Tier-III Trunking **Optional**
- Individual Call, Group Call & All Call
- GPS **Included Free**
- Man Down **Included Free**
- MDC1200, 2-Tone & 5-Tone
- Priority Interrupt **Included**
- Pseudo Trunking
- Lone Worker
- **Higher Certification Than FM Competition**
- Rental Feature
- Telemetry
- Open API for 3rd Party Partner
- Basic Encryption (40bit,128bit,256bit)
- Enhanced Encryption (ARC40bit, AES128 / 256bit) **Optional**
- Remote Monitor (Decode & Encode) **Included**
- Radio Kill & Revive (Decode & Encode) **Included**
- Site Roaming **Included Free**
- Emergency & **Dedicated Top Key**



DMR Mobiles



MD652 Overview



Item	Specifications
Frequency Bands	136-174 MHz; 400-470 MHz;
Dimensions	1.81 x 5.51 x 6.50 inches
Weight	3.31 lbs.
RF Output Power	Low: 1W; High: 25W
Power Supply	SEC1223 Not Included (DC Cables Included)
Channel Capacity	1024 Channels; 64 Zones



- Dual Modes (Analog & Digital)
- Individual Call, Group Call & All Call
- GPS **Optional**
- MDC1200, 2-Tone & 5-Tone
- Remote Monitor
- Radio Kill & Revive **Included**
- Priority Interrupt **Optional**
- Telemetry
- Emergency Siren
- Speaker Microphone with Keypad & Dedicated Top Key **Optional**
- Open API for 3rd Party Partner
- Basic Encryption (40bit,128bit,256bit)
- Enhanced Encryption (ARC40bit, AES128 / 256bit) **Optional**
- Site Roaming **Included Free**
- Pseudo Trunking
- **DMO True 2 Slot**

MD782 Overview



Item	Specifications
Frequency Bands	136-174 MHz; 400-470 MHz; 450-527 MHz
Dimensions	2.36 x 6.85 x 7.87 inches
Weight	3.75 lbs.
RF Output Power	Low: 5-25W; High: 5-50W (VHF) / 5-45W (UHF)
Power Supply	SEC1223 Not Included (DC Cables Included)
Channel Capacity	1024 Channels; 64 Zones



- Dual Modes (Analog & Digital)
- DMR Tier-III Trunking **Optional**
- Individual Call, Group Call & All Call
- GPS **Optional**
- MDC1200, 2-Tone & 5-Tone
- Remote Monitor
- Radio Kill & Revive **Included**
- Priority Interrupt **Included**
- Telemetry
- Emergency Siren
- Speaker Microphone with Keypad & Dedicated Top Key **Optional**
- Open API for 3rd Party Partner
- Basic Encryption (40bit,128bit,256bit)
- Enhanced Encryption (ARC40bit, AES128 / 256bit) **Optional**
- Site Roaming **Included Free**
- Pseudo Trunking

Mobile Feature Comparison



Features		MD6	MD7
Ports and Modules	GPS	Optional	Optional
	Port 1: UART, USB / 10-Pin	Included	Included
	Port 2: DB26	Yes, But Not for Prog.	Included
Operating Mode	Analog Conventional	Included	Included
	Digital Conventional	Included	Included
	Analog Trunking	N/A	Optional MPT
	XPT Trunking	Included	Included
	Digital Trunking	N/A	Optional
Analog Conventional Features	Scrambler	Included	Included
	2-Tone	Included	Included
	5-Tone	Included	Included
	MDC1200	Included	Included
Hardware Interface	Accessories API	N/A	Included
	GOB	N/A	Optional
Software Interface	General API for OTAP, Work Order, Ctrl Services, GPS, etc.	Included	Included
	Encryption API Conventional	N/A	Included
	Encryption API Trunking	N/A	Included

Mobile Feature Comparison



Features		MD6	MD7
Digital Conventional Features	Basic Encryption	Included	Included
	Enhanced Encryption (Hytera & AES)	Optional	Optional
	Enhanced Encryption (DMRA = 40-bit)	Included	Included
	Roaming	Included	Included
	IP-Connected System Compatibility	Included	Included
	Priority Interrupt	Optional	Included
	Remote Monitor Decode (RC)	Included	Included
	Programmable Top Key	N/A	Optional
	Programmable Emergency Siren	Included	Included
	Channel Capacity (Zone/CH)	1024	1024
	Text Message	Pre-Prog. Via One-Touch Call	Included
	Radio Enable/Disable	Decode Only	Included
	OTAP	Included	Included
	Pseudo Trunk	Included	Included
	DMO True 2-Slot	Included	N/A
PC Tools	Encryption Keyloader	Optional	Optional
	CH Voice Customization	Included	Included
Programming	Programming Cable	PC37	PC37 or PC45
Ruggedness	IP Rating	IP54	IP54
	MIL-STD 810	C/D/E/F/G	C/D/E/F/G

License Upgrade for Subscribers



Item Code	Description
SW00051	Priority Interrupt & Remote Monitor & Radio Enable / Disable for PD5 Series
SW00017	Advanced Digital Encryption License for Subscribers PD7, PD6, MD6, & X1 Series
SW00052	Priority Interrupt for PD6 & MD6 Series

DMR Repeater



RD622 Overview



Item	Specifications
Frequency Bands	136-174 MHz; 400-470 MHz
Dimensions	13.70 x 8.27 x 4.25 inches
Weight	11.02 lbs.
RF Output Power	25W
Power Supply	Included
Duplexer	Optional (Embedded)



- Dual Modes (Analog & Digital)
- Easy to Wall Mount for Indoor Coverage **Optional Accessory**
- AC/DC Seamless Switch (Battery Not Included)
- Can Connect via RJ45 Port to Other IP Connected Sites **Optional**
- RDAC Software **Free to Dealers**
- Can Also Integrate w. SmartDispatch and Other Applications **Optional**



RD962 Overview



Item	Specifications
Frequency Bands	136-174 MHz; 400-470 MHz
Dimensions	11.85 x 7.24 x 2 inches
Weight	6.61 lbs.
RF Output Power	1-10W Adjustable
Power Supply	Not Included (DC Cables Included)
Duplexer	Optional (Embedded)
Dust & Water Intrusion	IP67 Standard

- Dual Modes (Analog & Digital)
- AC/DC Seamless Switch (Battery Not Included)
- 10Ah Li-Ion Battery Available
- RDAC Software **Free to Dealers**
- Connect Multiple Sites via IP **Optional**



RD982 Overview



Item	Specifications
Frequency Bands	136-174 MHz; 400-470 MHz; 450-520 MHz
Dimensions	3.46 x 19 x 14.4 inches
Weight	18.74 lbs.
RF Output Power	Low: 5W High: 50W(VHF) /45W(UHF)
Power Supply	SEC1223R1 Not Included (DC Cables Included)
Duplexer	Optional (Embedded)



- Dual Modes (Analog & Digital)
- RDAC Software **Free to Dealers**
- Connect Multiple Sites via IP **Optional**
- **100% Duty Cycle**
- **Outstanding Heat Dissipation w. Built-in Heat Pipe**
- **Temperature Controlled Fan**
- **Access Management Feature for Controlling Privacy & Accessibility to Repeater**

RD982S Overview



Item	Specifications
Frequency Bands	136-174 MHz; 400-470 MHz; 450-520 MHz
Dimensions	3.46 x 19 x 14.4 inches
Weight	18.74 lbs.
RF Output Power	Low: 5W High: 50W(VHF) /45W(UHF)
Power Supply	SEC1223R1 Not Included (DC Cables Included)
Duplexer	Optional (Embedded)



- Dual Modes (Analog & Digital)
- Upgradeable to Tier-III Trunking **Optional**
- RDAC Software **Free to Dealers**
- Connect Multiple Sites via IP **Optional**
- **100% Duty Cycle**
- **Outstanding Heat Dissipation w. Built-in Heat Pipe**
- **Temperature Controlled Fan**
- **Access Management Feature for Controlling Privacy & Accessibility to Repeater**
- **Capable of Expanded Pseudo Trunking (Upgradeable Option)**

Repeater Feature Comparisons



Features		RD622	RD962	RD982	RD982S
Ports & Modules	Port 1: UART, USB / 10-Pin	N/A	Included	Included	Included
	Port 2: DB26	Included	Included	Included	Included
	Port 3: DB9	N/A	N/A	Included	Included
	Port 4: Ethernet	Included	Included	Included	Included
	GPS Module	N/A	Included	N/A	N/A
Operation Modes	Pure Analog Mode	N/A	N/A	Optional	N/A
	Analog Conventional	Included	Included	Included	Included
	Digital Conventional	Included	Included	Included	Included
	Analog Digital Dual Mode	Included	Included	Included	Included
	Digital Simulcast Conventional	N/A	N/A	N/A	Optional
	Expanded Pseudo Trunking	N/A	N/A	N/A	Optional
	Analog Trunking	N/A	N/A	N/A	N/A
	Digital Trunking	N/A	N/A	N/A	Optional
	Digital Simulcast Trunking	N/A	N/A	N/A	N/A
Front Panel	Color LCD	N/A	N/A	Included	Included
	LED: Red / Green Indicators	Included	Included	Included	Included
	Menu	N/A	N/A	Included	Included
	Channel Knob	N/A	Included	Included	Included
	Volume Knob	N/A	N/A	Included	Included
	Local Speaker	N/A	N/A	Included	Included
Mechanical Features	Fan	Included	N/A	Included	Included
	Battery	Floating	Optional	Floating	Floating
	AC Input	Included	N/A	N/A	N/A

Contents



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Analog Portfolio

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DMR Technology

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DMR Portfolio

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Accessories Portfolio

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Applications Portfolio



PD6 & PD5 SERIES



Power

- 1500mAh /2000mAh Li-ion battery



- MCU rapid charger /Dual Pocket Charger/ Multi charger / Battery Optimizing System



Audio

- Ear microphone / Surveillance Earpiece with Transparent Acoustic Tube/Bluetooth earphone



- Speaker microphone



Carry & Antenna

- Belt Clip and Lanyard



- Leather case



- Antenna





PD7 SERIES



Power

- 2000mAh /2500mAh Li-ion battery



- MCU rapid charger /Dual Pocket Charger/ Multi charger /Battery Optimizing System



Audio

- Remote swivel ear set / earpiece /Bluetooth earphone



- Remote speaker microphone /Bluetooth speaker microphone



Carry & Antenna

- Belt Clip and Lanyard



- Leather case



- Antenna





X1 SERIES



Power

- High Cap battery and slim battery options



- Dual-slot \ belt \ multi charger options



Audio

- Bluetooth PTT and earphone



- Surveillance earpiece



- Wireless earpiece

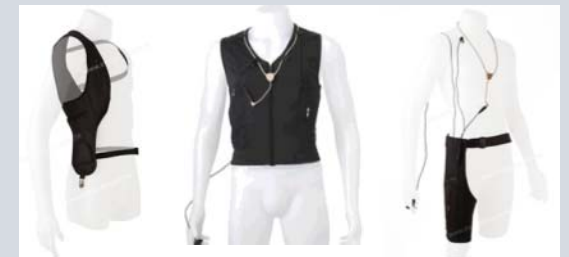


Carry & Antenna

- Belt Clip and Lanyard



- Vest\Shoulder harness\Leg harness



- Stubby, 9cm



- NiTi antenna



PD792Ex SERIES



Power

- ATEX-certified 1800mAh Li-ion battery



- MCU rapid charger / Multi charger

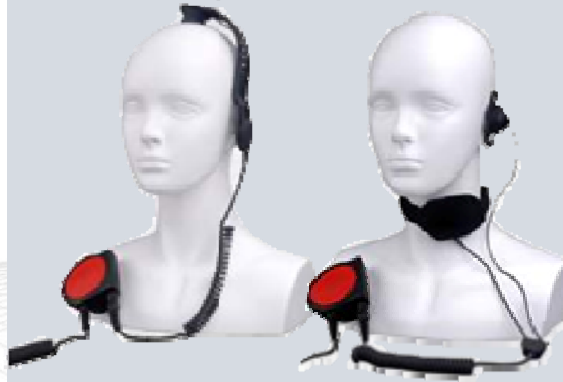


Audio

- Remote speaker microphone/Remote swivel ear set/earpiece



- ATEX-certified bone conduction ear microphone
- ATEX-certified Throat microphone headset



Carry & Antenna

- Belt Clip and Lanyard



- Leather case



- Antenna



Mobile Solution



Microphone



• Standard microphone (MD780/MT680)

• Standard microphone (MD650)



• Optional microphone



• Microphone with keypad



• Telephone style microphone (with /without keypad)



MD780



MD650



MT680

Speaker & Earpiece



• Extended speaker (20W)



• Noise-canceling earphone



• Foot-PTT

• Bluetooth adapter for mobile

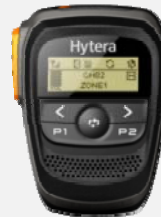


• Bluetooth PTT



• Bluetooth earphone with PTT

• Bluetooth remote speaker microphone



Power





Questions? Please Contact
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