

Respond & Achieve

## Hytera on Fast Track

# DMR Product Portfolio

## Hytera America

Hytera 

[www.hytera.us](http://www.hytera.us)

# 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/<br>CH10A04 | CH10A07/<br>CH10A04 | CH10A07/<br>CH10A04 | CH10L15      |
|                              | Multi-Unit   | NA       | MCA08               | MCA08               | MCA08               | MCA10        |

# Portable Feature Comparison



| Features                            |                                      | PD3       | PD5       | PD6       | PD7       | X1        |
|-------------------------------------|--------------------------------------|-----------|-----------|-----------|-----------|-----------|
| Digital<br>Conventional<br>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<br>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 |

# 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<br>No TX Message Decode/Display | 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 &<br>Remote Monitor & Radio Enable / Disable<br>for PD5 Series    |
| SW00017   | Advanced Digital Encryption<br>License for Subscribers<br>PD7, PD6, MD6, & X1 Series |
| SW00052   | Priority Interrupt for PD6 & MD6 Series  |

# 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      |



**Questions? Please Contact  
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