



Hytera PD702G Digital
Portable Radio

PD702G Features

- * VHF or Extended UHF Frequency Ranges
- * 1024 Channels
- * Secure Communications
- * Software Upgradeable
- * Superior Voice Performance
- * IP67 Rating for Dust and Moisture Protection
- * Size: 4.9 x 2.2 x 1.4" (H x W x D)
- * Weight: 11.8 oz.

The **Hytera PD702G Digital Portable Radio** carries an Intrinsically Safe UL913 designation and is designed for those professionals working in environments with explosive gas and combustible dusts where standard portable radios would be unsafe. The PD702G complies with some of the world's strictest safety standards. The portable radio also has a rich set of features for both voice and data communications. Channel usage can be optimized by using the Hytera-patented pseudo-trunking feature. The PD702G has GPS capability that allows it to work in the Hytera Dispatch System or with other 3rd party GPS-Dispatching software programs.

User Friendly Design

The large-size color display allows good visibility even under extremely strong light. The globally patented industrial design and antenna design ensure convenient operation and remarkable GPS performance.

Rugged & Reliable

Complies with MIL-STD-810 C/D/E/F/G standards. The Ingress Protection reaches IP67 (6: Totally protected against dust; 7: Protected against the effects of immersion up to 1m for 30 minutes). It's the highest IP level for land-based wireless radio applications.

Superior Voice

With the adoption of the AGC technology in combination with the application of narrowband codec and digital error correction technologies, The PD7 Series radios are capable of ensuring your voice is clear and crisp even in noisy environments or at the edge of the coverage area.

Higher Spectrum Efficiency, Higher Channel Capacity

The TDMA technology allows twice the channels based on the same spectrum resource.

Secure Communication

Besides the encryption inherent to digital technology, The PD7 Series radios provide enhanced encryption capabilities (such as 256-bit encryption algorithm). It has analog scrambling, and digital encryption using Advanced Encryption Standard (AES) and ARCFOUR (ARC4) encryption methodology for both voice and data.)

Roaming

Automatic roaming of all sites in an IP Multi-site Connect system.

Vibration

Vibration alerts the user to voice calls and text messages.

Scan

Capable of scanning pure Analog voice and signaling, pure Digital voice and data, and also mixed mode scan that is comprised of Analog and Digital activities.

GPS Positioning

The PD702G supports viewing of GPS positioning information and sending of GPS text messages.

Dual Mode: Analog & Digital

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

Various Analog Signaling Types

Supports various analog signaling types (HDC1200, DTMF phone, 2-Tone, and 5-Tone) and squelch control types (CTCSS / CDCSS), thus providing greater function ability to the analog world.

Versatile Voice Calls

The intelligent signaling of the PD7 Series radios support various voice call types including Private Call, Group Call, All Call and Emergency Call.

Multifaceted Features

In addition to conventional communication services, the PD7 Series radios are capable of Text Message, Scan, Emergency, Man Down (optional), vibration Auto Registration, High-speed Data Transmission, Lone Worker, Radio Check, Remote Monitor, Call Alert, Radio Enable, and Radio Disable.

Software Upgradeable

Upgradeable software enables new features without buying a new radio; The PD7 Series radios can also be switched into DMR trunking modes with corresponding trunking license applied in the same hardware.

Expansion Ports

This allows third parties to develop accessory and applications via front and rear ports of the mobile. (Features such as voice recording, encryption).

One Touch Call/Text

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

Pseudo Trunk

This virtual trunking feature allocates a free timeslot for urgent communications. This effectively enhances frequency efficiency and allows you to communicate in a timely manner in emergency situations.

Data Features

The PD702G supports data capabilities for sending Private and Group text messages. It also supports controlling the radio via Third party API's (GPS, Radio Registration Services, Radio Call Control, Telemetry, Data Transfer), using Telemetry control to the radio.