



HDP100 Portable

VHF, UHF

The HDP100 portable is a multimode, software defined radio (SDR) that integrates a no-frills user interface with durable construction to support analog and digital communication requirements and applications.

Standards-based Technology

The HDP100 and the Momentum family of products use Digital Mobile Radio (DMR) standards-based technology to provide reliable, cost effective, open architecture communications solutions. DMR is one of the fastest growing LMR technologies in the world and was developed by the European Technical Standards Institute (ETSI).

FCC Narrowband Compliant

The HDP100 portable radio meets FCC and IC (Industry Canada) requirements for 12.5 kHz or 6.25 kHz equivalent spectrum efficiency. In analog mode the HDP100 operates on 12.5 kHz channels. While in digital, DMR, mode the HDP100 provides 2-slot TDMA on a 12.5 kHz channel. This allows two simultaneous voice and/or data transmissions on a 12.5 kHz channel.



Secure Communications

Communications security is ensured by the air interface encryption algorithms defined in the DMR standard and implemented in the radio. Advanced Encryption Standard (AES) options and the Scrambler/Encrypt features are available for increased communications security.

Durable Design

The HDP100 features large on/off/volume and channel selector knobs, a large speaker for superior audio, tri-colored LED to indicate transmit and receive status, and user-defined "softkeys".

Feature Rich

Integrated GPS, Voice Annunciation, Group and Individual Calls, Vibrate Alert, Remote Enable/Disable, Remote Monitor, and various analog signaling types make this radio a leader in performance and flexibility.



