



HDM150 Mobile

VHF, UHF



The HDM150 mobile is a multimode, software defined radio (SDR) that integrates impressive performance with durable construction to support a wide range of user requirements and applications.

Standards-based Technology

The HDM150 and the Momentum family of products use Digital Mobile Radio (DMR) standards-based technology to provide reliable, cost effective, open architecture communications solutions.

Intuitive Ergonomic Design

The HDM150 features a large full-color thin film transistor (TFT) LCD display for superior contrast in bright light, large multifunction volume and channel selector knob, a large internal speaker or optional external speaker and user-defined “softkeys” to allow easy operation.

FCC Narrowband Compliant

The HDM150 mobile radio meets FCC and IC (Industry Canada) requirements for 12.5 kHz or 6.25 kHz equivalent spectrum efficiency. In analog mode the HDM150 operates on 12.5 kHz channels. While in digital, DMR, mode the HDM150 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 HDM150 is designed to withstand day-to-day operation when and where you need to work. The radio meets Military Standards for rain, sand and dust, shock and vibration. When configured with an optional desktop microphone and power supply the HDM150 can operate as a desktop control station.

Feature Rich

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



