

The M7300 mobile has

- Multi-Mode functionality
- Dual-band operation
- Secure Communications



The M7300 mobile is a state-of-the-art radio that trunks seamlessly between the 800 MHz frequency band and the newly available 700 MHz frequency band. The M7300 mobile is designed to meet the critical demands of its users.

Multiple Operating Modes

The M7300 mobile supports multiple operating modes, including OpenSky[®] digital trunked operation, Enhanced Digital Access Communications System (EDACS[®]) or ProVoice[™] trunked modes, P25 digital trunked mode, P25 digital conventional mode, and conventional analog mode.

Mutual Aid Operation

The M7300 also provides Project 25 conventional capabilities for interoperability with other users in the 700/800 MHz bands.

GPS Capability

The optional Global Positioning System (GPS) receiver module can provide standard GPS

formatted data over the air on OpenSky systems for vehicle tracking systems.

Secure Communications

The optional Advanced Encryption Standard (AES) is available for maximum communications security.

Over-the-Air Programming

OpenSky radios benefit from a flexible, software-based digital radio design. Features and user profiles are software-defined and can be reprogrammed over the air. The optional over-the-air programming feature allows communications protocols to be changed easily and added at any time.

CH-721 and HHC-731 Control Units

The M7300 radio uses the CH-721 Control Unit which is available in two models: System and Scan. The display is designed to maximize readability and ease of use. The CH-721 utilizes a 3-line 12-character alphanumeric display with large

buttons, volume knob, and channel knob, providing a user-friendly interface.

The HHC-731 is a rugged hand held controller providing an interface similar to the CH-721 in a compact, easy-to-use design. This compact design makes the HHC-731 ideal for special applications such as covert operations. The HHC-731 was also designed for special applications such as motorcycle, marine, and ATV mountings where space is at a premium.

About OpenSky

OpenSky is a secure integrated digital voice and data communication system. OpenSky leverages the power of Internet Protocol (IP) and packet technology for reliability and scalability to bring open data applications to the user. OpenSky uses a 19.2-kbps physical bit rate 4-slot Time Division Multiple Access (TDMA) airlink to achieve 6.25-kHz voice channel spectral efficiency and dynamic bandwidth allocation.

