

AN/PRC-148F

Capabilities

AN/PRC-148F is a small, lightweight, rugged 2-channel radio that equips operators with simultaneous narrowband and wideband communications, as well as tactical command and control communications in a variety of challenging environments. Both narrowband and wideband communications are Type-1 protected. The narrowband channel operates legacy tactical waveforms to include Satcom and also supports commercial Satcom. The wideband channel operates the WREN-TSM™ waveform from TrellisWare® Technologies, Inc., delivering superior voice and data communications across unpredictable areas of operation, such as subterranean, maritime, and urban environments.



Operational Advantages:

- Established modes of reliable communication are retained and enhanced. The NSA compliance of Type-1 capabilities complements narrowband waveforms in the latest version of a superior handheld radio.
- Offering the versatility of SAB (Secret and Below) or SBU (Sensitive but Unclassified) empowers users with varying needs access to the best-in-class options of waveform.
- GPS features are built into the device, providing users and command consistent insights to the latest location status.
- Meets next generation requirements by meeting Cryptographic Modernization (CryptoMod) compliance.
- Developed with an appreciation for the toughest environments, with a focus on the growing threat from near-peer conflict and other settings that may be less favorable for traditional radio frequency.
- Interoperable with integrated waveform (IW), dedicated Satcom, and commercial Satcom capabilities.
- Satellite connection is made easier with greater range using double the wattage.
- Ready to operate within the outlined requirements of the Army Leader Radio Program.
- Fits seamlessly into the convenience of ATAK, enabling additional situational awareness for users and support teams.
- Operates on the U.S. Army program of record TSM wideband waveform, the chosen mesh network across U.S. DoD and NATO.
- Previous investments are safeguarded for continued use as this updated version maintains interoperability with legacy radios.

Specifications are subject to change without notice.

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