

## THE AN/PRC-148 HANDHELD RADIO: BUILDING FOR THE FUTURE

Warfighters must meet today's critical battlefield communications needs and prepare for the net-centric future. With the AN/PRC-148 JTRS Enhanced Multiband Inter/Intra Team Radio, or JEM, the future of battlespace communications is in hand. The AN/PRC-148 is the smallest, lightest, and most power-efficient, tactical handheld radio in use today covering the 30 – 512 MHz frequency range. It is the most widely-fielded multiband handheld radio in the world.

The AN/PRC-148 JEM's Software Communications Architecture (SCA)-compliant platform hosts all of today's key waveforms and enables the integration of program enhancements, future waveforms, and additional modes of operation, all via simple software upgrades. Waveforms can be loaded onto the JEM's SCA platform, allowing the radio to be used for a wider variety of applications and providing maximum user flexibility and upgradeability.



Thales has fielded a full system of ancillary products built around the AN/PRC-148 that are providing warfighters with additional communications capabilities for mounted and dismounted operations in size-, weight-, and power-constrained environments.

Thales's vehicular systems offer flexible mobility for the JEM. The Thales Vehicle Adapters and Vehicle Adapter Amplifiers provide single and dual channel 50 Watt power amplification for range extension, recharge the radio's battery, and support a wide range of secure and anti-jamming voice and data applications. Thales's unique, cable free, rapid radio dismount capability enables warfighters to shift seamlessly from mounted to dismounted operation in less than two seconds with a fully-charged and immediately operational handheld radio.

The new Extended Band Manpack (EBMP) supplies 20 Watts of extended band operation from 1.6 – 512 MHz. With HF, VHF, and UHF in a single manpack, the

rugged EBMP reduces the warfighter's carry load by replacing two legacy radios at half of the combined weight, size, and cost with no loss of functionality.

Trusted on the battlefield for years, Thales is fielding technology today that is ready for tomorrow.

**Get more capability  
for your AN/PRC-148  
JEM with simple software  
downloads!**



Additional features for advanced functionality can be integrated into your AN/PRC-148 JEM as easily as adding more features to your computer. Keep current while preparing for the future with capabilities that can include ANDVT for narrowband SATCOM, MELP for enhanced ANDVT audio, HAVEQUICK I/II for ground-air coordination, enhanced SINGARS Frequency Hopping, 56 kbps High Throughput Waveform, Project 25, SATCOM IW (DAMA), Blue Force Tracking, and Over-the-Air-Cloning (OTAC) for wireless cloning, reducing mission planning time by providing faster programming of multiple radios without additional equipment.

For information on the complete product family, visit our website and download our AN/PRC-148 Product Catalog.

***Lives Depend On Our Products –  
We Will Always Act Accordingly***