

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 core narrowband 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 provide 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.

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

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

**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 SINCGARS Frequency Hopping, 56 kbps High Throughput Waveform, Project 25, SATCOM IW, and Over-the-Air-Cloning (OTAC) for wireless cloning, reducing mission planning time by providing faster programming of multiple radios without additional equipment.

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

