



FAST. FORWARD.

Wideband HF/VHF Tactical Radio System

The L3Harris Falcon III AN/PRC-160(V) is the smallest, lightest, fastest, High Assurance certified HF manpack available today. Engineered for advanced security and performance, the Wideband HF/VHF Tactical Radio System features industry-leading encryption, breakthrough data performance and interoperability with fielded Falcon II® and international HF radios, including the L3Harris AN/PRC-150(C) and RF-7800H manpack radios.



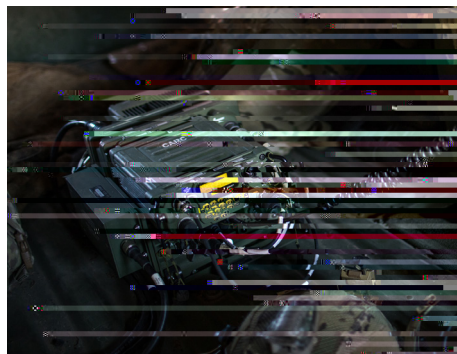
This SWaP-optimized manpack delivers continuous coverage from 1.5 to 60 MHz with a single battery while providing 20 watts HF and 10 watts VHF power. With its high-speed wideband waveform, the AN/PRC-160(V) transmits data in bandwidths from 3 kHz to 24 kHz (48 kHz capable). Data rates of up to 120 kbps are supported through technology that optimizes channel selection and adapts the selected channel to real-time conditions.

programmable encryption.

This wideband manpack supports secure interoperability with Coalition and Partnership for Peace forces through modern algorithms, including the L3Harris proprietary Citadel® and AES encryption.

The AN/PRC-160 also offers current and legacy automatic link establishment (ALE) MIL-STD and NATO Standards, including 2G, 3G and 4G ALE, providing interoperability and ease of use with high performance and reliability. The embedded SAASM or commercial GPS receiver ensures accurate position location information for enhanced situational awareness.

for Peace forces



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|-------------|---|
| a | RT-2060(C)/U part of AN/PRC-160(V)1 (SAASM GPS version) RT-2061(C)/U part of AN/PRC-160(V)2 (Commercial GPS version) |
| a | 1.5-59.999 MHz |
| | 99, fully programmable |
| / a | 50 ohm nominal, unbalanced |
| | Serial tone ECCM Falcon II interoperable |
| a () ab | STANAG 4538, MIL-STD-461, MIL-STD-188-141D, 2G/3G/4G ALE compliant |
| ab | $\pm 1 \times 10^{-6}$ |
| | 26 VDC (21.5-35 VDC) |

| | |
|--------|---|
| | HF: 1, 5, 20 watts PEP, -1/+1 dB VHF: 1, 5, 10 watts FM |
| | 1.5 mV at 150 ohm or 0 dBm at 600 ohm for full rated output |
| a | > 60 dB below PEP output (J3E mode) |
| ba | > 60 dB below PEP output |
| a a ab | OE-505 10-foBy |
| | |

Falcon III® AN/PRC-160(V) Wideband HF Tactical Radio System

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L3Harris Technologies is the Trusted Disruptor in the defense industry. With customers' mission-critical needs always in mind, our 50,000 employees deliver end-to-end technology solutions connecting the space, air, land, sea and cyber domains in the interest of national security.