L3HARRIS FALCON III®
AN/PRC-117G(V)1(C)

Multiband Networking Manpack Radio

The L3Harris AN/PRC-117G delivers breakthrough wideband data speed and legacy narrowband performance. Equipped with MUOS-ready hardware, this manpack is 30% smaller and 35% lighter than any other currently in field. The AN/PRC-117G is also the industry’s first and only tactical radio with NINE Suite B encryption, allowing sovereign nations to securely interoperate with the U.S., NATO and regional tactical partners. This eliminates the time and expense of maintenance, training and logistical support for two separate radio systems.

Software defined, with a JTEL-certified Software Communications Architecture (SCA), the fully JTRS-compliant Multiband Networking Manpack supports in-field upgrades as new capabilities emerge. The AN/PRC-117G is MUOS-ready, extending critical communications Beyond-Line-Of-Sight (BLOS) with abilities for simultaneous SATCOM voice and data transmission. When paired with L3Harris RF-7800B Broadband Global Area Network terminals, the manpack delivers automatic range extension of SATCOM BLOS communications along with Internet and remote private network access.

Situational Awareness is enhanced with friendly force position locations delivered by an embedded SAASM GPS receiver. Voice and data are secure up to TOP SECRET through the Sierra™II encryption module, which also supports all JTRS COMSEC and TRANSEC requirements.

KEY BENEFITS

- Expands mission effectiveness with wideband, SATCOM and legacy narrowband
- 30% smaller and 35% lighter than any similar manpack currently in field
- MUOS-ready hardware
- Industry’s only radio with NINE Suite B encryption
- Future-proof with SCA v2.2.2 compliance (no waivers)
- L3Harris Sierra II encryption for secure voice and data up to TOP SECRET
L3Harris Falcon III® AN/PRC-117G(V)1(C)

© 2019 L3Harris Technologies, Inc. | 08/2019 DS357Q L3Harris

Non-Export Controlled Information

L3Harris Technologies is an agile global aerospace and defense technology innovator, delivering end-to-end solutions that meet customers’ mission-critical needs. The company provides advanced defense and commercial technologies across air, land, sea, space and cyber domains.