

KIK-11™

Tactical Key Loader (TKL)

The KIK-11 Tactical Key Loader (TKL) is a software-programmable solution, supporting flexible upgrades to add existing and new radio profile releases. This includes compatibility with all L3Harris Falcon II®, Falcon III® and Falcon® IV radios and many other manufacturers' devices employing NSA High Grade cryptography.



The small, lightweight, rugged TKL features instant-on start-up and a simplified key fill process, requiring just the push of a single button. Engineered for gloved-hand operation, this small and lightweight solution is ruggedized to withstand demanding conditions faced by forward-deployed teams.

The KIK-11 TKL includes storage for 40 keys with 12 quick-load slots for easy loading of most frequently used keys.

Data and Key material up to TOP SECRET is protected by the battle-proven L3Harris Sierra II™ ASIC cryptographic module. Unauthorized operation is prevented by the L3Harris Cryptographic Ignition Key (CIK) power-on requirement and CIK segregated user functions.

The TKL is backwards compatible with EKMS Tier 2 and 3 devices and supports SINCGARS loadset data as well as modern key lengths and key types.

Mission plans can be loaded over USB by the TKL for radio configuration. This enables simple loading of a radio with mission and keys from one device.

EASY-TO-USE, LOW-PROFILE DATA SECURITY

KEY BENEFITS

- > Software-programmable and radio-agnostic
- > Simplified single-button key fill
- > NSA certified up to TOP SECRET
- > Easy to use, with rapid startup
- > Secure, tiered-user functionality
- > Three commercial AA batteries power at least 40 hours of operation

GENERAL	
User Functions	Receive key Load key Zeroize Profile management
Supervisor Functions	All user functions Audit management CIK/user management Time management Software updates
Storage	Up to 40 keys 12 data storage slots
Login/Logout	CIK insertion activates unit for use Remove CIK to power off Password protected Strategic mode
Auto Shut-off/Sleep Mode	Programmable activity timer powers down unit
HMI	Easy-to-use interface Optimized for forward deployment"

PHYSICAL	
Dimensions	2.5 H x 5.9 W x 1.5 D in (6.4 H x 15.1 W x 3.8 D cm)
Weight	Approx. 1 lb (0.45 kg) with batteries
Color	CARC Green 383
Battery	Prime: Type AA (3), COTS HUB: 1/2 AA (1) COTS

ENVIRONMENTAL	
Test Methods	MIL-STD-810F TEMPEST MIL-STD-461E
Operating Temperature	-20°F to +140°F (-29°C to +60°C)
Storage Temperature	-40°F to +140°F (-40°C to +60°C)
Altitude	Up to 40,000 ft (12,192 m)
Submersion	6 ft (1.8 m) of saltwater

COMPATIBILITY	
Profile Supported ECUs*	AN/ARC-231 AN/PRC-117D AN/PRC-117G AN/PRC-117F AN/PRC-137 AN/PRC-148 AN/PRC-150 AN/PRC-152 AN/PRC-152A AN/PRC-158 AN/PRC-163 AN/PRC-167 AN/PRC-210 AN/PRC-210M AN/PRC-5D AN/PSN-11 AN/PSN-13 KG-250 KGV-72 RT-1794 Generic ECU Profile
Key Fill Protocols	DS-101 DS-102 RS-232 USB
Interoperability	SINCGARS loadset data EKMS Tier 2/3 devices Modern Key

*Other existing and future ECUs supported through software maintenance releases

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1025 W. NASA Boulevard
Melbourne, FL 32919