

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

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

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

COMPATIBILITY	
<b>Profile Supported ECUs*</b>	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
<b>Key Fill Protocols</b>	DS-101 DS-102 RS-232 USB
<b>Interoperability</b>	SINCGARS loadset data EKMS Tier 2/3 devices Modern Key

\*Other existing and future ECUs supported through software maintenance releases

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