ENABLEPROTECT
KEY FILL DEVICE
STREAMLINED IN-FIELD ENCRYPTION

Harris EnableProtect Key Fill Device (KFD) is a ruggedized and easy-to-use in-field radio encryption tool. This handheld, versatile solution increases productivity while reducing keying errors to ensure fleet communications and data are always secure.

KEY BENEFITS

Supports in-field and OTAR radio updates

Ruggedized handheld with Android OS system

Simplified interface and shortcuts speed keying tasks

Includes Standard and Fast Key Fill capabilities

Protects sensitive information with standards-compliant software and AES 256-bit key encryption

The KFD works with EnableProtect Key Management Facility (KMF) for updates in-field or remotely via Over-the-Air-Rekeying (OTAR). Managers can use the KMF to load encryption keys onto the device and send them to field technicians for hard-wired transfer onto radios. Or, the KMF can load provisional keys onto the KFD which activate OTAR capabilities once moved over to mobile devices.

Engineered for operation in harsh environments, the handheld device features an easy-to-learn Android™ Operating System (OS). An intuitive interface with simplified commands, shortcuts for frequently used functions, and automatic radio connection allow users to speed through routine tasks to quickly and accurately store, deploy, generate, modify and erase keys. The device easily connects to laptop and desktop computer via a USB cord and comes with cables for quick connectivity to Harris portables, mobiles and gateways.

EnableProtect KFD supports Standard Key Fill and Fast Key Fill. Using the Standard option, users create AES and DES keys for manual or automatic distribution. They also have the ability to inventory radio keys and switch between active and inactive. Fast Key Fill allows a pre-configured KFD to be loaded onto a radio, ideal for fast, error-free deployment throughout large radio fleets.

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SPECIFICATIONS FOR: **HARRIS ENABLE**PROTECT **KEY FILL DEVICE**

GENERAL

Software	Android 4.1 Preloaded with Harris standard application and license
Processor	Texas Instruments OMAP3 DM3730 Sitara™ ARM® Cortex™-A8
Display	480 x 800 pixel (WVGA) Color Multi-Touch user interface with projected-capacitive type touch panel with AR coating
Memory	512 Mobile DDR RAM
Power	International power adaptor
Ports	Port 1 Custom 8 pin connector
Included in box:	USB cable, Juno serial cable, Radio Programming Lead - Serial PC to RJ12, TP9100 Programming Adaptor Lead - RJ12 to Radio, TP9400 Programming Adaptor Lead - RJ12 to Radio, TM91/94 Programming Adaptor Lead - RJ12 to Radio, International AC Charging Kit, screen protectors and hand strap
Device	TE1002-BA00-0000-AAAA IP65 (device/yellow) with standard key fill (1 year maintenance) TE1002-BB00-0000-AAAA IP68 (device/gray) with standard key fill (1 year maintenance) TE1002-BA00-0000-ABAA IP65 (device/yellow) with fast key fill (1 year maintenance) TE1002-BB00-0000-ABAA IP68 (device/gray) with fast key fill (1 year maintenance) TE1002-BA00-0000-ACAA IP65 (device/yellow) with standard key fill and fast key fill compatibility (1 year maintenance) TE1002-BB00-0000-ACAA IP68 (device/gray) with standard key fill and fast key fill compatibility (1 year maintenance)
Accessories	TE1002-00AA-0000-0000 Anti-reflective screen protector TE1002-00AB-0000-0000 Deluxe carry case TE1002-00AC-0000-0000 Vehicle charging kit TE1002-00AD-0000-0000 Stylus TE1002-00AE-0000-0000 Large battery pack TE1002-00AG-0000-0000 Replacement Juno serial cable TE1002-00AF-0000-0000 Micro SD Card TPA-SV-020 TP/M9100 TP/M9400 TB9100 Encryption capable Motorola KVL Adaptor T03-00059-AAAA Tait KFD Encryption Key Fill Adaptor (Motorola radios: XTS5000, special config XTL5000, APX7000)
Dimensions	6.1 x 3.2 x 0.9 inches (15.5 x 8.2 x 2.5 cm)
Weight	Weight : 13.5 ounces (0.4 kg)

Environmental	Fully rugged design tested to military standards (MIL-STD-810G) and water IP65 (device/yellow) and IP68 (device/gray):
	• IP65 (device/yellow): Survives driving rain and water spray, IEC-60529 IP-X5; Water Jet 12.5mm dia @ 2.5-3m
	  Dust: Protected against dust, IEC-60529, IP6x, dust chamber with under-pressure
	  Drops: Survives multiple drops of 4 ft. (1.22m)
	• IP68 (device/gray): Survives immersion at 3.3 ft (1 m) for two hours, IEC-60529 IP-X8
	• MIL-STD-810G, Operating Temperature -22°F to +140°F (-30°C to +60°C)***

SOFTWARE OPTIONS

TE1002-0000-0000-AA00	Key Fill Device SFE (standard)
TE1002-0000-0000-AB00	Key Fill Device SFE (fast key fill)

* Additional license required. Please contact your local Harris representative for more information.

** TIA Radio adapter required.

*** To prevent batteries from freezing do not expose to severe cold (-4°F or -20°C).

This product includes software developed by the OpenSSL Project for use in the OpenSSL Toolkit (openssl.org).
This product includes cryptographic software written by Eric Young (eay@cryptosoft.com).

Specifications are subject to change without notice and shall not form part of any contract. They are issued for guidance purposes only.
All specifications shown are typical.

About Harris Corporation
Harris Corporation is a leading technology innovator that creates mission-critical solutions that connect, inform and protect the world. The company's advanced technology provides information and insight to customers operating in demanding environments—from ocean to orbit and everywhere in between. Harris has approximately $7.5 billion in annualized revenue and supports customers in more than 100 countries through four customer-focused business segments: Communication Systems, Space and Intelligence Systems, Electronic Systems and Critical Networks.

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