

P25 Key Fill Device



The Tait Key Fill Device (KFD) makes encrypting digital radios as efficient and error-free as possible, ensuring that encryption specialists and radio technicians can manage their workflow with ease.

Tait Communications' comprehensive range of P25 radios, base stations/repeaters and systems gives Public Safety organizations the ability to choose a solution that best meets their needs. Our versatile encryption options are designed to improve the safety and security of first responders.

The Tait KFD enables you to speed through repetitive rekeying tasks with easy-to-use commands, shortcuts for frequently used functions and automatic connection to the radios.

When you need conventional and trunked Over-the-air Rekeying (OTAR) the Tait Key Management Facility (KMF) is a user-friendly solution.

The Tait Key Fill device:

- ▶ enables you to quickly respond to tactical situations without compromising the security of your communications
- ▶ improves your productivity by enabling non-specialized staff to carry out routine key loading to many radios
- ▶ ensures you can store, deploy, generate, modify and erase keys efficiently and accurately



Workflow automation tools

The Tait KFD delivers general purpose key management functionality and specialist software modules on a ruggedized IP67-rated PDA.

- **Standard Key Fill** enables users to create AES or DES keys, either manually or automatically, and deploy them to the active or the inactive keysets in a radio. Standard Key Fill can also perform an inventory check of the keys in a radio and may be used to switch between active and inactive key sets. With Standard Key Fill, users can also create scripts

(key information) to download into specific Fast Key Fill devices.

- **Fast Key Fill*** allows a preconfigured KFD to be plugged into the radio for automatic key loading. It is ideal for fast and accurate deployment across a large number of radios.

Tough hardware for long-lasting performance

The industry-standard PDA running easy-to-learn Windows Mobile 6 is an IP67 device that can be used in a variety of operational settings.

Connectivity for smooth workflow

The rugged RS232 and USB interfaces enable connection to laptops and desktops, and the Tait-supplied cables provide connectivity to readily plug into Tait portables, mobiles and base stations/repeaters.

Validated encryption for secure communications

The Tait KFD uses FIPS 140-2 validated software to generate DES and AES keys, ensuring that sensitive information is well protected.

SPECIFICATIONS

Software	Windows Mobile 6 (Premium Edition) Preloaded with Tait Standard software and licence
Processor	200MHz Intel PXA255 XScale
Display	240 x 320 pixel (¼ VGA) Color TFT display (touch sensitive)
Memory	64MB High Speed SDRAM
Power	2.4V 3800mAh NiMH rechargeable battery International Power Adaptor
Ports	1 rugged RS232 connection, 1 DB9 connection, 1 USB Interface
Accessories	2 x stylus, screen protectors and hand strap PDA available in yellow or green - no case required TPA-SV-920 Key Fill adapter for Motorola XTS5000 portable TPA-SV-921 Key Fill adapter for Motorola XTL5000 mobile
Dimensions	6.5 x 3.75 x 1.75in (16.5 x 9.5 x 4.5cm)
Weight	17oz (490g) including rechargeable battery
Environmental	IP67 rated (immersed in 3.28ft (1m) water for 30 mins) MIL-STD 810F Operating Temperature -22°F to +140°F (-30°C to +60°C)**
Cable set	Mobile RJ12 programming lead (for mobile connection) Portable RJ12 programming lead USB Cable

*Additional licence required.
Please contact your local Tait representative for more information.

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

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