



KVL125

Key Fill Device for P25 Digital Radios

Manually Load DES and/or AES Encryption Keys to Icom P25-Compliant Radios

The KVL125 accessory is used in conjunction with a computer, laptop, or PDA (a personal digital assistant such as smartphone or tablet) that runs a PC terminal emulation program. The computer or PDA serves strictly as a display and does not store key data.

The maximum number of keys that can be stored in the KVL125 is dependent on how many AES encryption keys are entered. (AES keys require more memory space than DES keys)

Key Features

Usability: *Lightweight, portable and easy to use.*

Security: *Data is stored in the KVL125 memory only.
A password is required to view keys.*

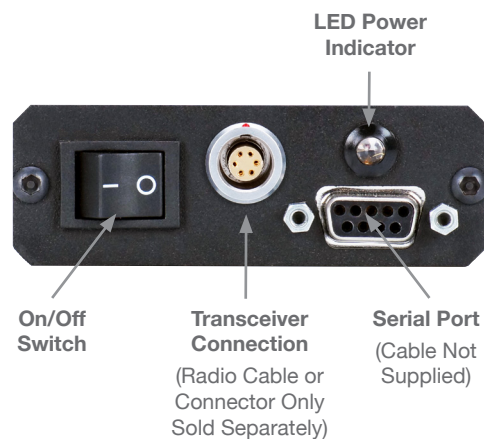
Efficiency: *Keyload multiple radios in the field. Non-specialized personnel can deploy keys without viewing data.*

Necessary Components

- KVL125 Unit (Powered by 9-volt battery)
- Compatible Icom P25 Radio
- Computer or PDA
(Must be capable to emulate VT-100 data terminal)
- Serial Connection to PC
- Connection to Transceiver
(Interface cable unique to radio model)

Icom Supported Radios

- F70/F80 Series Portable
- F1721/F2821 Series Mobile
- F9011/F9021 Series Portable
- F9511/F9521 Series Mobile



Specifications

- Size: 3.25"(W) x 1.18"(H) x 4.5"(D)
- Weight: Approx. 10 oz.
- Operating Temperature: -10 to +60° C
- Storage Temperature: -30 to +70° C
- Encryption Support: AES, DES
- Housing: Aluminum (black)
- Connections: Radio, Serial to PC or laptop
- Other: On/Off Power Switch, Bi-polar Green/Red LED

Connections

The KVL connects to a two-way radio by way of multipin LEMO style connector sold separately. (Model KL-1-CONN1)

User must obtain the appropriate named connector from the two-way radio manufacturer. Icom America has available cables for various transceivers.

