Keyloader Interface Kit
KAA0587/KAA0587A

INTRODUCTION

This manual describes the steps to load encryption keys from an APCO Project 25 compatible keyloader unit into a BK Radio KNG portable/mobile radio. It also describes the steps to assign default transmit keys to channels, and to select non-default keys for transmit.

You should already know how to operate the keyloader unit. Consult the keyloader instruction manual if necessary.

EQUIPMENT REQUIRED

- Keyloader Interface Cable KAA0587/KAA0587A
- Compatible Keyloader unit
- KNG radio equipped with factory option KZA0577/KZA0576

KEY LOADING

1. Attach the keyloader interface cable between the radio and the keyloader unit as illustrated on page 4.
2. Turn the radio and the keyloader unit on.
3. Follow instructions provided with the keyloader unit to load up to 32 DES and/or AES encryption keys into the radio.

KEY ASSIGNMENT

Use the PC programming software from KAA0730 to configure the following parameters:

Global Settings

Encryption Options tab
1. C
    Location
    References) entered into the keyloader unit for each key.
2.   -
    radio will issue a warning beep when it is keyed up in clear mode.

Menus/Controls tab
1.   Main Menu, configure the TX Secure function for channels that allow
    switch-selectable transmissions (see *Sec column* below). The function can be
    assigned to the collar switch, a top toggle switch, or to the touchpad button
    menu. NOTE: It is recommended that TX Secure be assigned to the collar
    switch as it is pre-labeled for clear and encrypted selections.)
    If all channels will be locked either encrypted or clear, the TX Secure function
    need not be programmed.
2. If keypad s   -

3.
                                                  box for menu selection.

Zone/Channel Settings

Sec column
        Clr: radio always transmits in clear mode on the channel
        Enc: radio always transmits in encrypted mode on the channel
        Sw: radio transmits according

Key column   assign a default key (from the Encryption Key Pick List) to be used
when transmitting on the channel. Channels that are locked clear and analog channels
will ignore this setting.

Key Lock column   to lock the default key to the channel. Any key
selected from the touchpad menu will be ignored when transmitting in secure mode
on the channel (i.e. the default key will be always be used when transmitting in secure
mode on the channel).