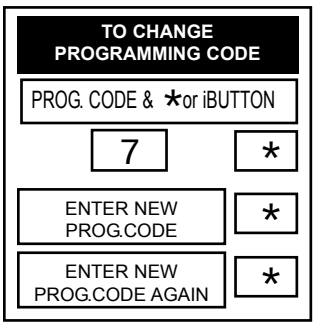
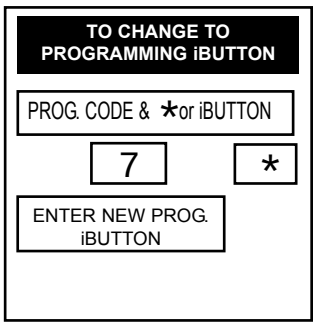
Code/iButton Functions:

The twelve-button King Cobra family of locks is manually programmable to have up to 120 codes. The codes can have different functions as described below. Several types of functions have factory default values which are operational as soon as the lock is installed. It is highly recommended that the *Programming Code* be changed (this will delete all factory default codes) and new codes be added. In addition, it is recommended that at least one *Freeze/Lockout Code* be added - in case the batteries get completely drained. (See “Battery Information” below.) All codes can be 3-6 digits in length (except the Programming code which must be 5-6 digits.) Keep a log of all issued codes. A sheet is provided for this purpose at the end of this manual. It can be duplicated as required.

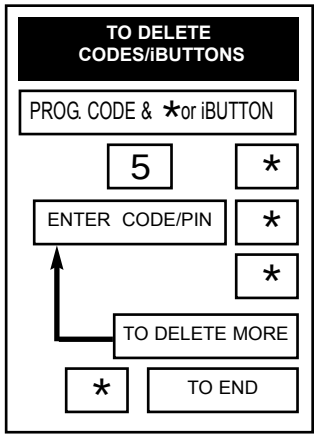
FUNCTION:	FACTORY DEFAULT:	DESCRIPTION:
PROGRAMMING	97531	The programming code (or iButton) puts the lock into a programming mode. It will not unlock the lock. When a Programming code plus “*” is entered the LEDs alternately flash several times indicating the lock is in a programming mode. If more than 30 seconds pass in between programming entries, the lock returns to a normal operational state.
NORMAL	13579	Normal codes/iButtons unlock the lock for the relock time delay. While the lock is unlocked the green LED will flash. The LED will stop flashing and the lock will relock.
TOGGLE	135135	Toggle code/iButtons unlock the lock indefinitely. When the same (or another) toggle code/iButton is entered, the lock will immediately relock. When a toggle code is entered, the green LED will flash once. (When a lock is toggled unlocked, both LEDs will light each time a button is pressed.)
FREEZE/LOCKOUT	9115	Freeze/Lockout codes prevent other codes from working. The lock can be locked or unlocked when one is entered. If it is locked, a Pass Thru code will unlock it but all other codes will not. Only another Lockout code will reverse the effect.
ONE USE	NONE	One Use codes unlock the lock for the relock time delay. They will only work once and then are deleted from memory. They can be used again if they are programmed (added) into memory again.
SUPERVISED	NONE	Supervised codes require that two different supervised codes be entered in order to unlock the lock for the relock time delay.
PASS THRU	NONE	Pass Thru codes will unlock the door for the relock time delay even if the door is in the lockout mode.

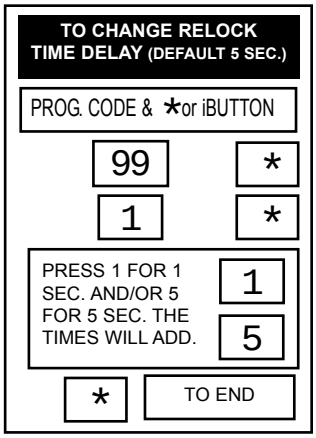
It is highly recommended that the programming code be changed for maximum security. It can be changed to a different 5-6 digit code or to an iButton, if desired.





Codes and iButtons can be deleted using these steps. It is required that the PIN be used to delete an iButton, therefore it is necessary to keep a record of the PINs associated with each iButton.





BATTERY INFORMATION:

The KC5100/5500 uses four, standard AA *ALKALINE* batteries.The KC9000 uses four AAA *ALKALINE* batteries. The batteries should provide enough life for approximately 80,000 lock/unlock cycles (40,000 for the KC9000). When the batteries are running out the lock provides two different modes of low battery indication: First, when a code is entered, the red LED will flash twelve times before the lock executes the command of the code. This is an indication that it is time to replace the batteries. The lock will go for about 500 cycles in this condition. After it reaches a certain point the lock will go into "Low Battery Lockout" mode. A Freeze/Lockout code will need to be entered in order gain access. If the batteries are not changed, the lock will eventually not work and mechanical key override will need to be used.

ERROR CODE DESCRIPTION

2 Code too long 6 digits max.

3 Memory full, must delete some codes

4 Can not delete Programming code - use Change steps.

5 Second entry did not match first (Programming Code)

6 Invalid entry, start over. (Verify that any codes entered prior to this error do not operate the lock.)

7 Code to be deleted does not exist.

8 Code too short - 3 digits minimum.

9 Duplicate code, code already exists.

CLEARING MEMORY:

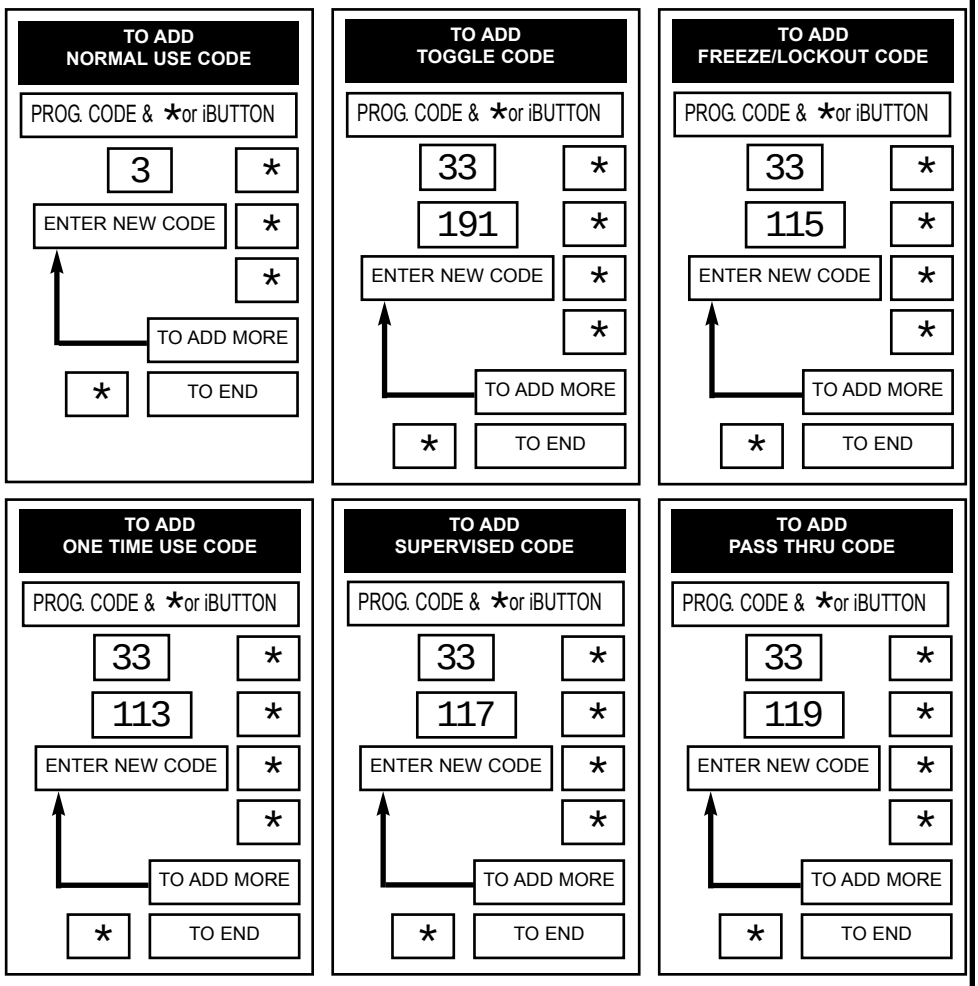
Clearing memory will delete all programmed codes and iButtons and restore factory default codes. The programming code or iButton will also be deleted and the default programming code will be restored. If the memory ever needs to be erased follow the steps below:

1. Remove the inside escutcheon. Remove one of the batteries (or disconnect the connector).
2. Press any key.
3. Hold down the "*" key and reinstall the battery (or reconnect the connector). Continue holding the "*" key down. The red LED will flash a few times and then stay on.
4. Release the "*" key.
5. Install the inside escutcheon.

Note: to return the lock to the factory default relock time delay, do steps 1-4 twice in a row.

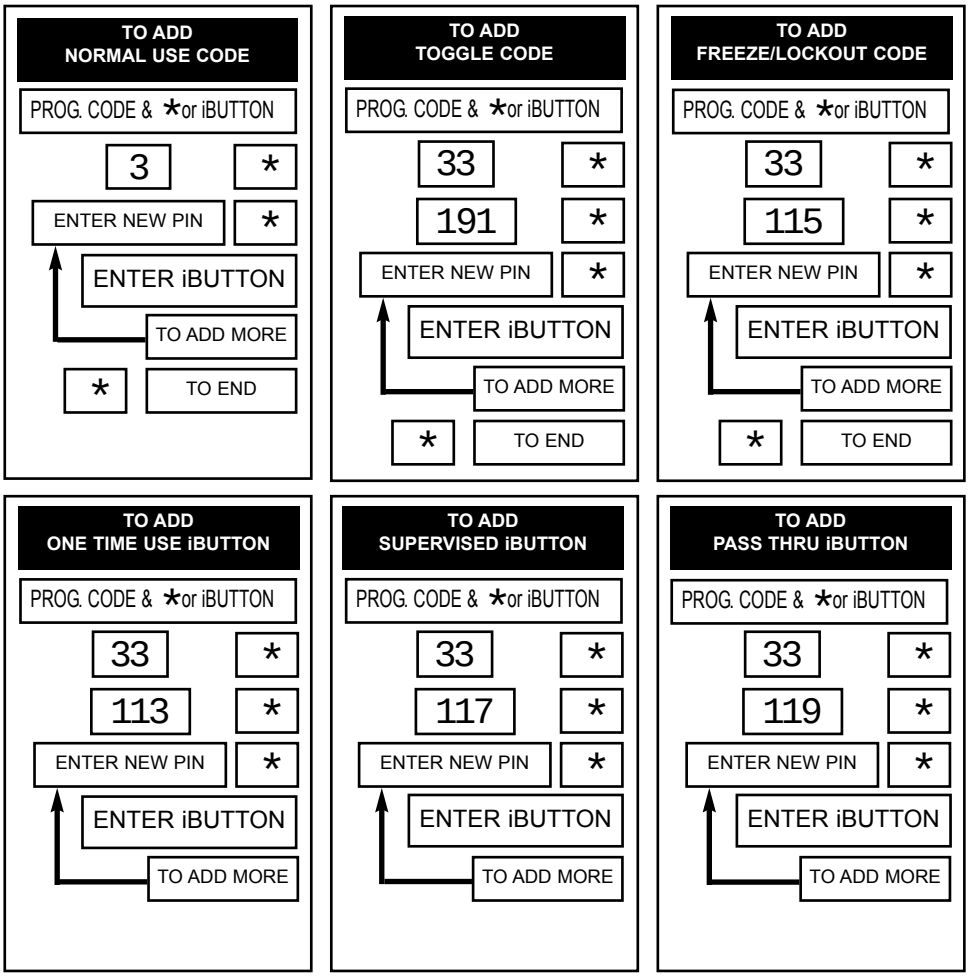
PROGRAMMING STEPS - *HOW TO ENTER CODES:*

Use the steps on this page to program codes into the lock. The "*" key is used like the <ENTER> key is on a computer. After pressing the "*" key, wait for the red and green LEDs to stop flashing before proceeding to the next step. If at any time the red LED stays on while the green LED flashes an error has occurred. The flashing message will repeat three times. Count the number of flashes and consult the error code chart below.



PROGRAMMING STEPS - *HOW TO ENTER iBUTTONS:*

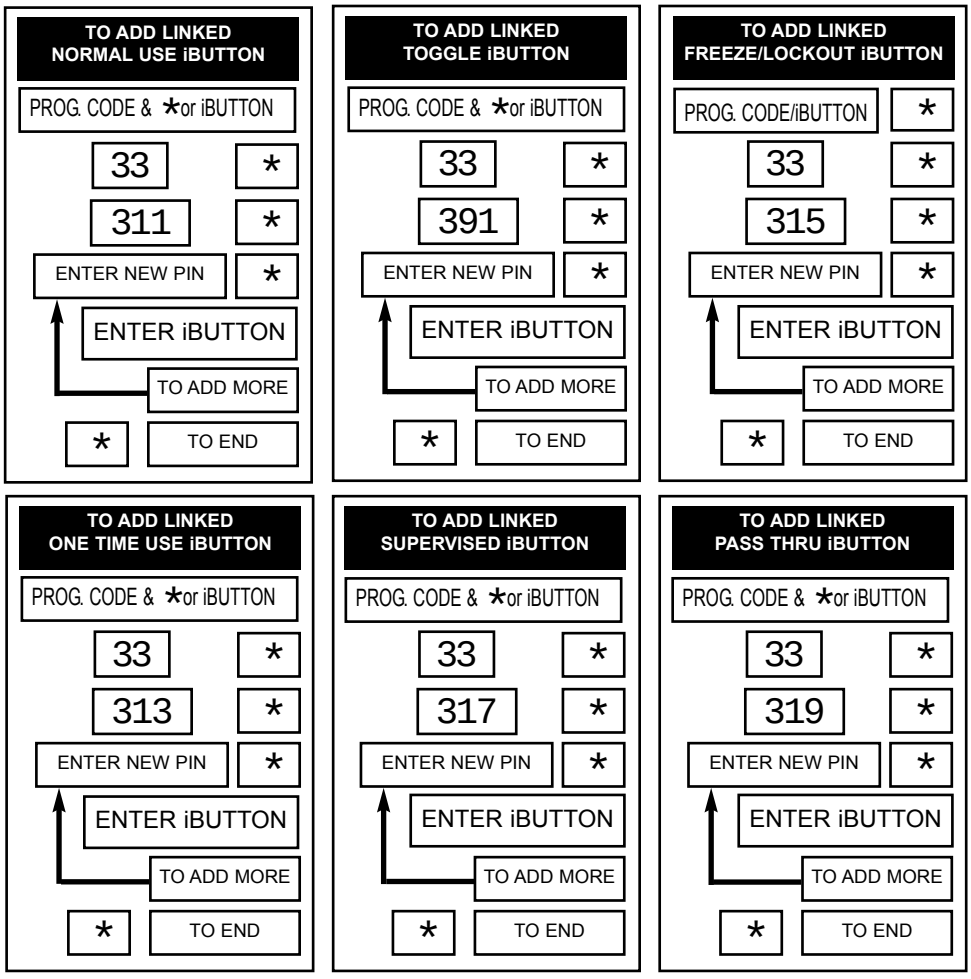
Use the steps on this page to program iBUTTONS into the lock. Note that each iButton must have a PIN associated with it. This must be a unique, 3-6 digit code. It will not open the door and it can not be used as an access code. It is important to record the PINs so that the iButton can be deleted if it is lost.



PROGRAMMING STEPS - *HOW TO ENTER LINKED ACCESS iBUTTONS:*

Use the steps on this page to program iBUTTONS with Linked Access. Linked Access adds a higher level of security in case an iButton gets lost or stolen.

To use a Linked Access iButton, enter the iButton into the lock and then enter the PIN associated with it.



MANUALLY PROGRAMMED ACCESS CREDENTIAL RECORDING SHEET

Building:_____ **Lock Type:**_____

Door/Room Number:_____ **Manager:**_____

	TYPE OF ACCESS (NORMAL/TOGGLE, ETC.):	CODE/PIN:	iBUTTON (Y/N):