

Manually Program User Credentials (see reverse for +PIN)

- After each step of a procedure, the red and green LEDs will alternately flash several times, indicating the step
 was performed successfully. WAIT for the flashing to stop before continuing.
- If at any time the red LED remains on while the green LED flashes, an error has occurred
 A green flashing error code is repeated three times (with a pause in between each set of flashes). Count the number
 of green flashes to determine error code, then consult Error Code chart below.
- When adding a user credential (iButton, Mag Card, or Prox) a code (3-8 digits) is entered just prior to presenting the
 credential (the red LED stays on while waiting for the credential). This code becomes an identifier code used to
 identify the credential (this allows a credential to be deleted by simply deleting the identifier code without physically
 having the credential to be deleted). Identifier codes will NOT operate the lock (unless lock also has some computer
 programmed user data not recommended).
- Entered codes must be 3-8 digits in length. **Keep a log of all issued codes**. Issue codes exclusively with all odd or all even numbers, this practice will make it easier to spot duplicate codes since most keypad buttons represent two numbers (for example, code 246 is identical to code 135).

Add Normal Use credential \$	Add Toggle credential 3	Add Freeze/Lockout credential 3	Add One Time Use credential \$	Add Supervised credential &	Add Pass Thru credential 3
>>>>>>	>>> Enter Progr	amming Code *, Of	R present Program	ming Credential <	<<<<<<
2.4	33*	33*	33*	33*	33★
3 ★	191*	115*	113*	117*	119*
:"NewCode *	:-►NewCode*	:NewCode ★	NewCode *	; → NewCode ★	:"•NewCode ★
present new user credential or press * for User Code only	present new user credential or press * for User Code only	present new user credential _ or _ press * for User Code only	i-present new user credential or press ★ for User Code only	present new user credential or press 本 for User Code only	present new user credential or press * for User Code only
to add more	to add more	··· to add more	to add more	to add more	to add more
★ to complete	★ to complete	★ to complete	★ to complete	★ to complete	★ to complete

Change Programming Credential >>	Change Programming Code (5 Digit min 13	Delete a credential §	Change Relock Time ₃
> Enter Progra	amming Code ∗. UR	present Programm 5 ★	ning Credential <
present new Programming Credential	NewCode ≭	.→ OldCode ★	1 *
	NewCode ≭	··· delete more	Press and release 1 for each sec. and / or 5 for every 5 sec.
Completed	Completed	★ to complete	* * to complete

Flushes Error Code Description	Flashes Breor Code Description
2 Code too long, 8 digits max.	7 Code to be deleted does not exist
3 Memory full, must delete some codes	Code too short, 3 digit min.
4 Use Change Programming procedure	Duplicate code or credential
Second entry did not match first	10 Manual programming disabled
6 Invalid entry, start over (verify any cod	es entered prior to this error, they may operate the lock)



Manually Program +PIN Credentials (see reverse for no +PIN)

(iButton+PIN, MagCard+PIN, Prox+PIN)

- After each step of a procedure, the red and green LEDs will alternately flash several times, indicating the step
 was performed successfully. WAIT for the flashing to stop before continuing.
- After the linked PIN has been entered, the red LED will remain on indicating the lock is waiting for the credential to be presented.
- If at any time the red LED remains on while the green LED flashes, an error has occurred
 A green flashing error code is repeated three times (with a pause in between each set of flashes). Count the number
 of green flashes to determine error code, then consult Error Code chart below.
- The same credential may be programmed to perform a variety of functions by linking different PINs to each different function. Each PIN must be 3-8 digits in length
- Keep a log of all issued PINs. Issue PINs exclusively with all odd or all even numbers, this practice will make it
 easier to spot duplicate PINs since most keypad buttons represent two numbers
 (for example, code 246 is identical to code 135).

Add Normal Use credential 3	Add Toggle credential V	Add Freeze/Lockout credential &	Add One Time Use Seedential \$	Add Supervised credential &	Add Pass Thru credential 3
>>>>>>	>>> Enter Program	nming Code *, OR	present Programm	ning Credential < <	
33*	33*	33★	33*	33*	33*
311*	391*	315*	313*	317*	319*
PIN *	PIN *	PIN ★	PIN *	PIN ★	PIN ★
- Present Linked - Credential	Present Linked — Credenlial	- Present-Linked Credential	— Present Linked · · · · Credentia:	Present Etriked Credential	Present Linked Credential
: to add more	to add more	to add more	to add more	to add more	to add more
★ to complete	★ to complete	* to complete	★ to complete	★ to complete	★ to complete

Change Programming Credential 3	Chanye Programming Code (3 Digit min.) \$\Psi\$	Delete u credentul 3	Change Relock Time
> Enter Progra	amming Code ∗, OR	present Programm 5 ≭	ning Credential <
present new Programming Credential	NewCode ★	:► PIN *	1 *
	NewCode ≭	··· delete more	Press and release 1 for each sec. and for 5 for every 5 sec
Completed	Completed	* to complete	★ to complete

	Error Code Description	Flashes	Error Code Description
2	Code too long. 8 digits max.	7	Code to be deleted does not exist
3	Memory full, must delete some codes	8	Code too short, 3 digit min.
4	Use Change Programming procedure	9	Duplicate code or credential
		10	Manual programming disabled
6	Invalid entry, start over (verify any codes entered p		

Clearing Memory

Clearing memory deletes all user data and restores the factory default codes. Clearing memory a second time restores timer/relay defaults.

- On the electronics board, press and release the pushbutton labeled CLR. three times. The red LED lights for about 10 sec - all user data is cleared.
- 2. Before adding any new users, repeat step 1 to reset any timers/relays back to

Creating a Programming Credential

Creating a Programming credential deletes all factory codes. Using a Prog credential puts the lock in a Programming Mode, it will not release the lock. Only one Programming credential is allowed, any of which can be used to manually program any user credential. (To make a Programming credential directly from the keypad/reader, see the inside programming chart.)

- On the electronics board, press and release the INI button, three times. The red LLO will light, and remain on
- Present the credential to the scader. The green and red LEDs will alternately flash indicating acceptance, then the red LED remains on
- Press and release the INI butten, one time. The red LED will go out.

Low Battery Indications

Battery powered products have built-in low battery indications. A lock with low batteries will act differently, allowing the appropriate support personnel to be notified of the locks differing behavior. Changing batteries does not affect any programmed data. Battery voltage can be checked with meter on the metal iButton ports (6.2 volts=full power, 4.5 volts=replace batteries)

There are two phases of low battery indications

- A. When a valid credential is used on a lock with weak batteries (below 4.5v), the red LED will flash twelve times before the green LED flashes and the lock is released. This is an indication to replace the batteries at this time. The lock will operate in this manner for about 500 cycles.
- B. After 500 cycles of the lock operating as described in Step A, when a valid credential is used, the red LED will flash twelve times and the lock will not release - the lock automatically goes into a Lockout Mode A Freeze/Lockout must be used to reset the lock to an accessible state and then a Normal eredential must be used to gain access. The lock will operate in this dual credential manner for about 200 cycles. Then the mechanical override key raust be used to gain access (if the lock is so equipped).

Credential Functions

All keypad products have four default factory codes detailed below.

Factory Default	Function	Description
13579	Normal	releases a lock for a configurable amount of relock time, while lock is released green LED will flash quickly
135135	Toggle	releases a lock, the lock remains released until any Toggle credential is used to return the lock to a secured state
9115	Freeze / Lockout	freezes the lock in its current state, until any Freeze/Lockout credential is entered to reset the lock to an accessible state (when a valid code is entered while the lock is in Freeze/Lockout mode the red LED flashes 12 times indicating access is not permitted at this time). Also required to reset a lock ignored beyond the initial tow battery indication (see Low Battery Indications).
none	Pass Thru	releases lock even if the lock is in a frozen secured state (Lockout Mode), then lock returns to its Lockout Mode
none	One Use	will only release the lock one time
none	Supervised	two Supervised credentials must be entered within approximately five seconds to release the lock
97531	Program- ming	puts the lock in a Programming Mode

When a Programming Code plus * is entered or a Programming credential is presented, 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.

For security reasons the factory default codes should be deleted. To automatically delete all default factory codes change the default Programming Code (see chart inside). For locks without keypads see Creating a Programming Credential instructions on reverse.

When entering codes, if a wrong button is pressed, press * to clear the keypad then re-enter the entire code. The keypad will clear itself if no button is pressed within approximately ten seconds.

If any keypad buttons are pressed 20 times in succession, without a valid code being entered, the keypad will shutdown for 30 seconds.

LOCKNETICS.

SCHLAGE

VON DUPRIN

1000 User Products Manual Programming Guide

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Battery Products Troubleshooting Guide Low battery Red LED blinks Te you using Clear memory to return to indication. many times a valid Normal use No factory defaults (13579 default change hatteries before lock is credential that has been Normal code), all previously (no data is lost) released Not Sure programmed into programmed data will be erased he lock Red and Green Yes A Linked Access Lockout mode, use Freeze Red LED flashes credential has been LED's flash, Green Lock out credential to many times, lock . presented, enter LED stays on for return to lock to normal does not release linked PIN code five seconds (if continues, check batteries) What occurs on the keypad/reader Lock toggled open, or an when a Normal AutoUnlock was scheduled Red and Green LED Red LED blinks 2-3 eredentialis User attempting to to unlocked door - to used? light as a putton is . access a door times after a valid secure lock use a Toggle pressed look outside of assigned credential is credential, or wait for remains unlocked Time Zone. presented AutoUnlock end time No LEDs light when any Green LED flashes multiple · Code: Red LED lights for each sutton, no Green LED acceptance credential is used times indicating acceptance. but look does not release · iButton, MagCard or Prox: Red LED blinks once, no Green LED Ensure credential is used properly: ·iButton - touch both metal posts ·MagCard - stripe faces right On the electronics board, Do other similar ·Prox - placed near in reader area press Lock and Unlock buttons credentials *Code - press & release buttons (or REX button for battery operate the lock? firmly (press * prior to entering code if other buttons have been Strikes and Cabinet Locks). pressed, this will reset keypad) does the lock respond Yes properly? No Un-programmed or had credential, try Verify keypad reade: Yes No reprogramating is property connected Remluce Are you certain electronies you are successfully Verify batteries are installed Verify proper omperly and total voltue is programming the installation credentials into greater than 4.6 Voits Replace the lock keypad-reader Voltage may be checked Yes No with a meter on the iButton reader fores For Locksets and Trim Verify keypad / reader Reprogram check and for replace is properly cannected (Refer to guides) *spindles in front/rear housing entire front housing assembly Replace keypad , read, r *latch/eluich/mortise assembly Replace keypad/reader Contact your local Replace electronics Raplace electronics IR SSC Replace Lock

