

Stor-Lock Digital Lock Programming Guide



The Stor-Lock digital lock option provides an additional layer of access security by allowing a four (4) digit programmed access code to be used to open the lock.

Overview:

- Only one (1) four (4) digit access code is possible. Example: 1/2/3/4
- The lock is shipped without four digit access code so it will need to be programmed.
- The initial default code (before four (4) digit access code is programmed): Press "C" then "↔" buttons.
- After access code is correctly entered, lock will open for 30 seconds, then automatically relock.
- Battery replacement: recommended every 2 years – four (4) AA batteries. Unit comes with batteries pre-installed.
- Low battery warning: 2 sets of 3 beeps during use
- Lock has 2 "Administration" keys – each a different color: Red Programming key and Black Management key. These keys help manage the four (4) digit access code.



Administration Keys

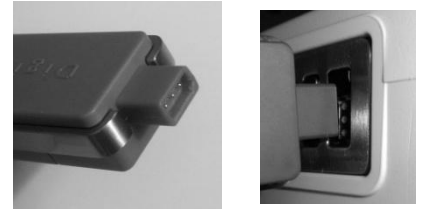
- Red Programming key:
 - o The digital lock can only store one (1) of these Red Program keys.
 - o The lock **MUST** be programmed by "1" Red Programming key.
 - o Red Programming key is used for initial lock programming and to add/delete Black Management keys.
- Black Management key:
 - o Used as "master keys" to open a lock without using the four (4) digit access code.
 - o Used to change four (4) digit access code.
 - o Digital lock will store up to 25 Black Management keys.
 - o Opens lock even if lock battery is low/dead.
- Red/Black keys: Battery replacement recommended every year – one (1) 9V battery.



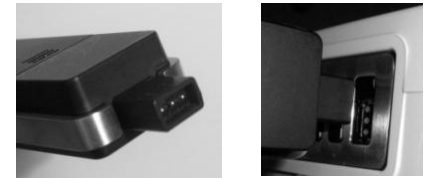
First Time Access Code Programming (For new digital locks) – Registration of Red & Black Administration Keys

1. The Digital lock is shipped without a four digit access code so it will need to be programmed (To open lock before programming, press “C” then “↔” buttons).

2. Initialize lock by inserting Red Programming key to the Administration Key Socket for 1 second – the key only fits correctly into the socket in one orientation -- LED will turn ON. *Only one Red Programming key can be associated with a digital lock.*



3. While the LED is ON, insert Black Management key to the Administration Key Socket for 1 second – each time a Black Management key is inserted the LED will blink once and a single (1) beep will heard. Insert *all* Black Management keys that will control this lock -- *Up to 25 different Black Management Keys can be associated with the digital lock.*



4. After all the Black Management keys have been inserted, insert the Red Programming key to the Administration Key Socket for 1 second -- a double (2) beep will be heard.

Copying Administration Key Set-up to Additional Locks

It is possible to easily copy the Administration Key set up from the first lock to all other locks that will be managed by the same group of Black Management keys. **NOTE: This does not copy the four (4) digit access code** – it only allows the Administration key configuration to quickly be deployed to the other locks (saves time compared to having to register all Black Management keys for each lock).

1. Go to the lock first set up and press “C”, “↔”, “6”, “6”, “↔”
2. Insert Red Programming key to the Administration Key Socket for 1 second – a double (2) beep will be heard indicating all the Black Management keys were copied to the Red Programming Key.
3. For each lock, Insert Red Programming key to the Administration Key Socket for 1 second – a double (2) beep will be heard indicating the lock is initialized AND the all Black Management keys are registered with those locks.

Set Four (4) digit Access Code

1. Press “C” then “↔” buttons, then insert a Black Management key to the Administration Key Socket for 1 second -- LED will turn on
2. Enter desired four (4) digit access code then press “↔” key, enter four digit access code again and press “↔”. A double (2) beep will be heard meaning the new access code is entered/accepted and active.

Opening the lock

Opening with Access Code:

Press “C” key then the four (4) digit access code, then press “↔” key. The LED will turn on, a double (2) beep will be heard and the lock will unlock. Pull the drawer open before the lock automatically re-locks in 30 seconds. If the lock re-locks, simply repeat access code entry procedure.

Opening with Black Management key:

Insert Black Management key to the Administration Key Socket contacts on right side of keypad for 1 second -- The LED will turn on, a double (2) beep will be heard and the lock will unlock. Pull the drawer open before the lock automatically re-locks in 30 seconds. If the lock re-locks, simply repeat procedure. The Black Management key will open a lock even if the lock battery is dead.

Administration Functions

Change access code using Black Management key:

1. Press "C" and then press "↵"
2. Insert a Black Management key to the Administration Key Socket -- LED will turn ON and a single (1) beep will heard.
3. Enter new four (4) digit access code then press "↵" key
4. Enter new four (4) digit combo again and press "↵" key – a double (2) beep will be heard indicating the new access code is accepted/active.

Adding Black Management keys

1. A sequence of keys is pressed to start the process: Press "C", "↵", "5", "5", "↵"
2. Insert Red Programming key to the Administration Key Socket -- LED will turn ON
3. Insert each Black Management key to be added to the Administration Key Socket one at a time, the LED will blink once and a single (1) beep will be heard after each key.
4. Insert Red Programming key to the Administration Key Socket – two (2) beeps will be heard LED will turn OFF.
5. If the added Black Management keys want to be added to other locks, follow steps in Section: **Copying Administration Key Set-up to Additional Locks.**

Deleting/Erasing Black Management keys -- WARNING: This procedure deletes ALL Black Management Keys

1. A sequence of keys is pressed to start the process: Press "C", "↵", "5", "5", "↵"
2. Insert Red Programming key to the Administration Key Socket -- LED will turn ON
3. Re-Insert Red Programming key to the Administration Key Socket -- two beeps will be heard, clearing all management keys from the lock.

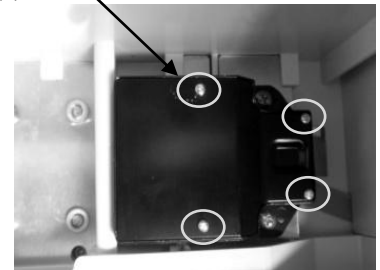
(NOTE: It is not possible to selectively delete Black Management keys from a lock – all must be erased and then add the ones to be used)

Changing Batteries:

Replacing lock batteries (four (4) AA batteries required)

1. Open and remove Stor-Locx cassette
2. Locate black lock housing mounted to the rear of Stor-Locx unit.
3. Remove battery cover from lock housing (four (4) Philips screws)
4. Replace four (4) AA batteries.
5. Replace/re-secure battery cover.
6. Reinsert Stor-Locx cassette.

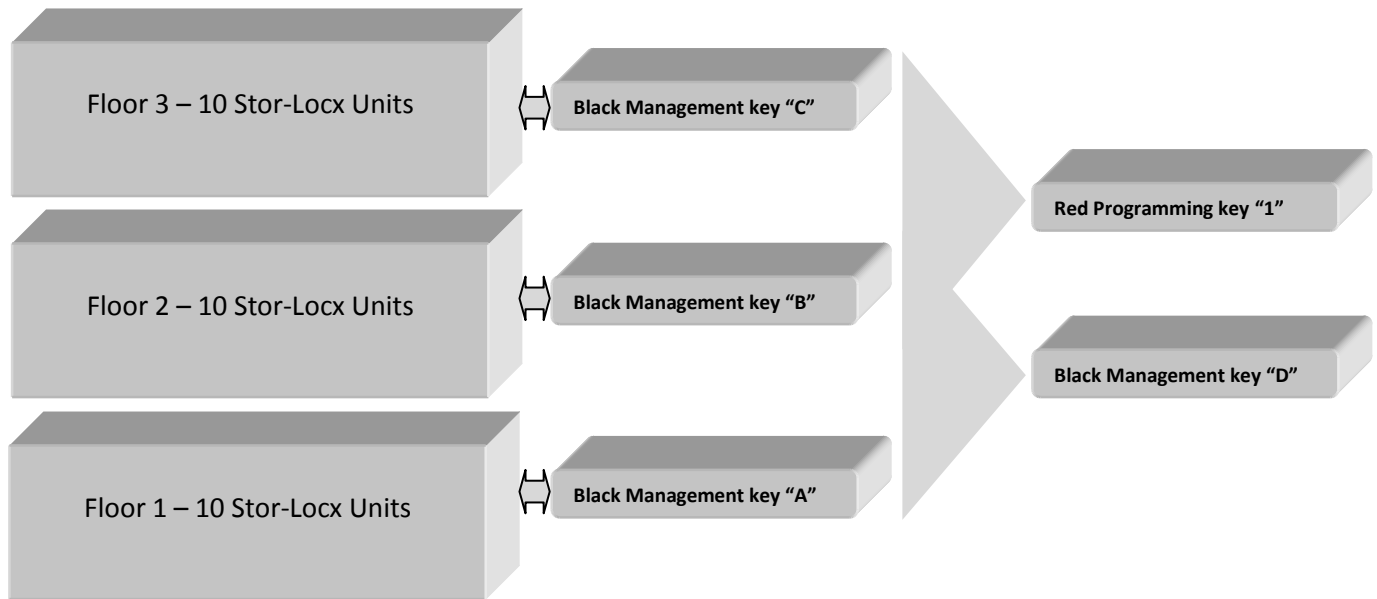
Battery Cover
screws (4)



Appendix

Stor-Locx Digital Lock –Security Model Example

Various schemes for security can be employed. The following is an example:



- Each floor has 10 Stor-Locx Units – Each floor can have different or same access code.
- Black Management keys “A”, “B”, and “C” associated/registered to their corresponding floors:
 - Black Key “A” = Floor 1
 - Black Key “B” = Floor 2
 - Black Key “C” = Floor 3
- Black Management D associated/registered to all locks on floors 1, 2, and 3.
- Red Programming key /registered to all locks on floors 1, 2, and 3. (required)

Black Management key “A” will only access the 10 Stor-Locx units on Floor 1, because only those locks have “learned” its code. Floor 2 and 3 locks will not open with Black Management key “A”.

Black Management key “B” will only access the 10 Stor-Locx units on Floor 2, because only those locks have “learned” its code. Floor 1 and 3 locks will not open with Black Management key “B”.

Black Management key “C” will only access the 10 Stor-Locx units on Floor 3, because only those locks have “learned” its code. Floor 1 and 2 locks will not open with Black Management key “C”.

Black Management key “D” has access to all Stor-Locx Units on all 3 floors.

Red Programming key “1” has access to all Stor-Locx Units on all 3 floors since each unit requires one Red Programming key association/registration.