GCX Mounting Solutions

Stor-Locx Digital Lock Programming Guide

The Stor-Locx 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 – different colors: Yellow Programming key and Black Manager Bypass key.
- These keys help manage the four (4) digit access code.
- These keys are necessary to program the digital lock,
  Yellow Programming key GCX # RST-0007-105
  Black Manager Bypass key GCX # RST-0007-91

LED Light

"C" Key

Administration Key Socket

"⊶" Key

Administration Keys

- Yellow Programming key (GCX# RST-0007-105):
  o The digital lock can only store one (1) of these Yellow Program keys.
  o The lock MUST be programmed by "1" Yellow Programming key.
  o Yellow Programming key is used for initial lock programming and to add/delete Black Manager Bypass keys.

- Black Manager Bypass key (GCX# RST-0007-91):
  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 Manager Bypass keys.
  o Opens lock even if lock battery is low/dead.

- Yellow/Black keys: Battery replacement recommended every year – one (1) 9V battery.

First Time Access Code Programming (For new digital locks) – Registration of Yellow & 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 Yellow 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 Yellow Programming key can be associated with a digital lock.*

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

4. After all the Black Manager Bypass keys have been inserted, insert the Yellow 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 Manager Bypass 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 Manager Bypass keys for each lock).

1. Go to the lock first set up and press "C", "↦", "6", "6", "↦"
2. Insert Yellow Programming key to the Administration Key Socket for 1 second – a double (2) beep will be heard indicating all the Black Manager Bypass keys were copied to the Yellow Programming Key.
3. For each lock, Insert Yellow 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 Manager Bypass keys are registered with those locks.

Set Four (4) digit Access Code
1. Press "C" then"↦" buttons, then insert a Black Manager Bypass 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 Manager Bypass key:
Insert Black Manager Bypass 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 Manager Bypass key will open a lock even if the lock battery is dead.

Administration Functions

Change access code using Black Manager Bypass key:

1. Press "C" and then press "⏎"
2. Insert a Black Manager Bypass 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 Manager Bypass keys

1. A sequence of keys is pressed to start the process: Press "C", "⏎", "5", "5", "⏎"
2. Insert Yellow Programming key to the Administration Key Socket -- LED will turn ON
3. Insert each Black Manager Bypass 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 Yellow Programming key to the Administration Key Socket – two (2) beeps will be heard LED will turn OFF.
5. If the added Black Manager Bypass keys want to be added to other locks, follow steps in Section: **Copying Administration Key Set-up to Additional Locks**.

Deleting/Erasing Black Manager Bypass keys -- WARNING: This procedure deletes ALL Black Manager Bypass Keys
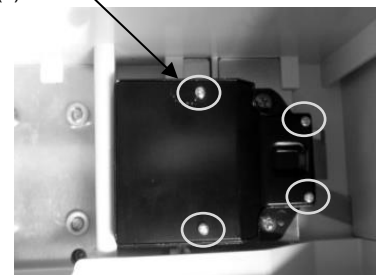
1. A sequence of keys is pressed to start the process: Press "C", "⏎", "5", "5", "⏎"
2. Insert Yellow Programming key to the Administration Key Socket -- LED will turn ON
3. Re-Insert Yellow Programming key to the Administration Key Socket -- two beeps will be heard, clearing all management keys from the lock.

(NOTE: It is not possible to selectively delete Black Manager Bypass 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.
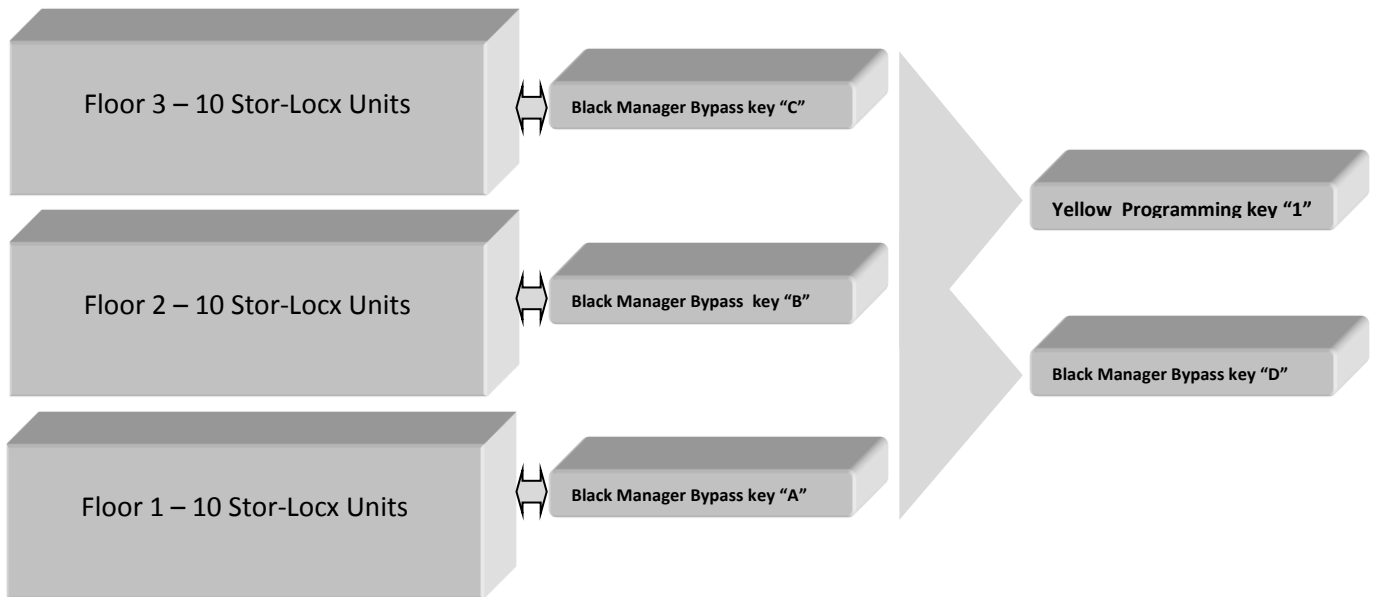6. Reinsert Stor-Locx cassette.

Battery Cover screws (4)

Appendix

Stor-Locx Digital Lock –Security Model Example

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

Floor 3 – 10 Stor-Locx Units ⟷ Black Manager Bypass key "C"

Floor 2 – 10 Stor-Locx Units ⟷ Black Manager Bypass key "B"

Floor 1 – 10 Stor-Locx Units ⟷ Black Manager Bypass key "A"

Yellow Programming key "1"

Black Manager Bypass key "D"

- o Each floor has 10 Stor-Locx Units – Each floor can have different or same access code.
- o Black Manager Bypass 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
- o Black Manager Bypass key D associated/registered to all locks on floors 1, 2, and 3.
- o Yellow Programming key /registered to all locks on floors 1, 2, and 3. (required)

Black Manager Bypass 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 Manager Bypass key "A".

Black Manager Bypass 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 Manager Bypass key "B".

Black Manager Bypass 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 Manager Bypass key "C".

Black Manager Bypass key "D" has access to all Stor-Locx Units on all 3 floors.

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