

## Pearl Lock

---

Set up and functionality



**carolina**  
an OFS company

Stealth Lock is an electronic push button cabinet lock.

## Components:

- 2 AAAA alkaline batteries
- 1 offset locking cam / 1 straight locking cam
- FlexaCam adapters
- Collar (intended for surface mount applications)
- Mounting hardware
- 2 green resetting stickers

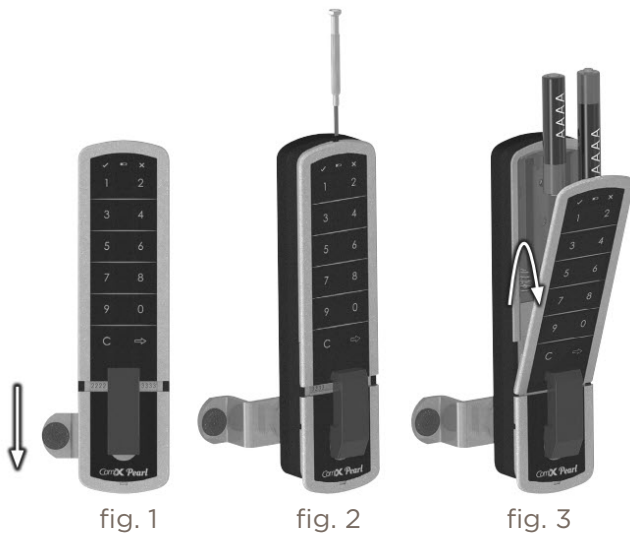
## Powering up:

- Remove red tag, lock will be ready to use

## Battery installation/changing:

- Slide down housing base (fig. 1)
- Release housing flip up by pressing housing latch tool required (fig. 2 & 3)
- Remove the two AAAA batteries and install the new batteries
- Close housing flip up and move housing base to the closed position (fig. 3)

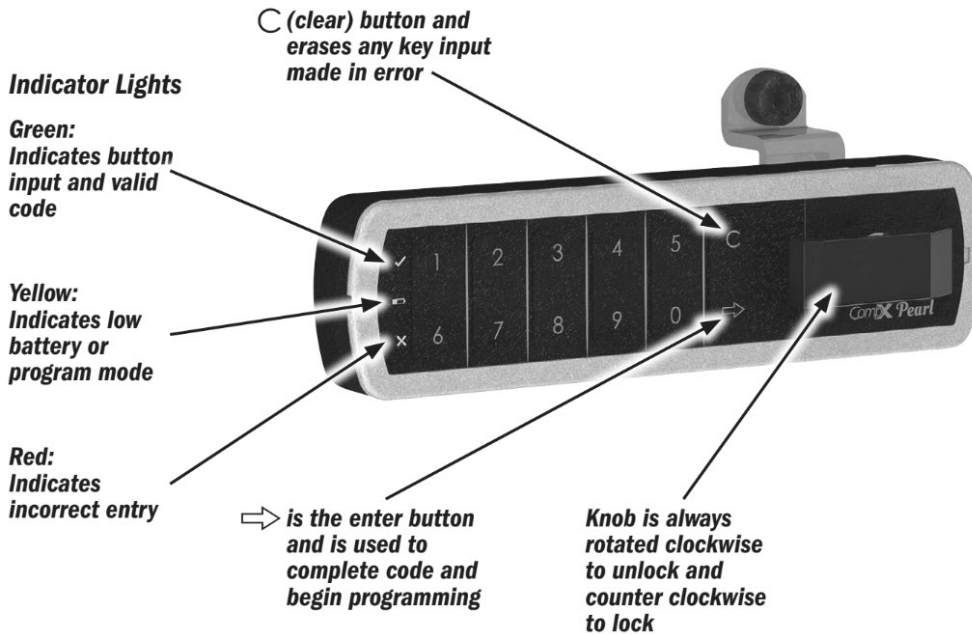
NOTE: Batteries must be installed correctly for lock to function. Make note of correct battery installation before removing the old batteries.



## Programming:

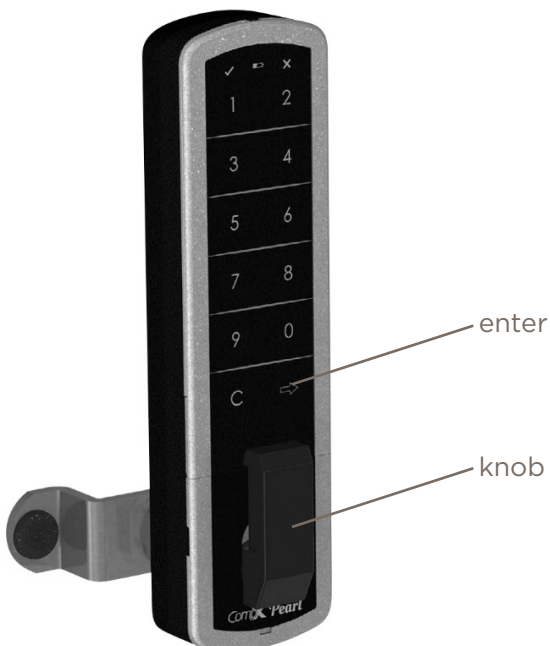
Pearl is easy to program and operate.

- Type the user code (**factory default 1234**) and press ➡ (enter) to unlock or lock the cabinet
- The supervisor can change operating codes, modes and restore lock settings.
- Button locations, indicator lights and knob referenced in the programming instructions are shown below.



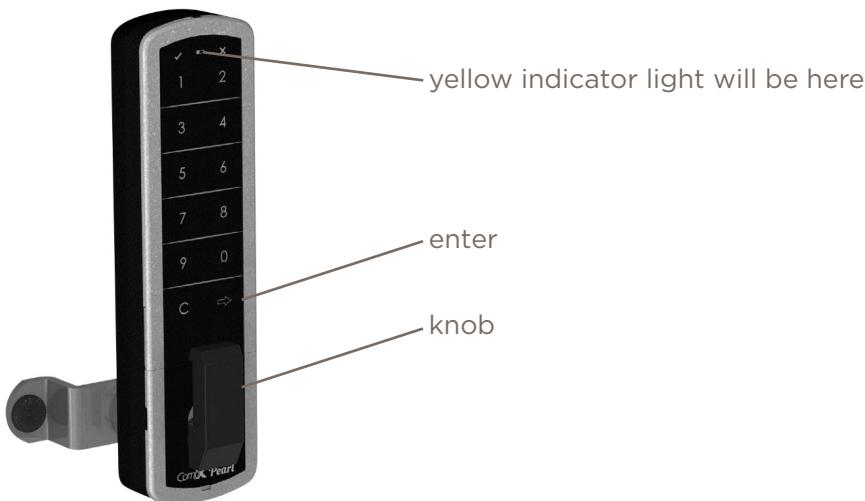
NOTE: While Pearl is easy to program, we highly recommend reading the complete programming instructions prior to making any changes. Remember to keep track of any programming changes.

- To operate Pearl lock:
  1. To unlock, type a valid code, press ➡ (enter) and rotate knob clockwise 90°.
  2. To lock, rotate knob 90° counter clockwise.



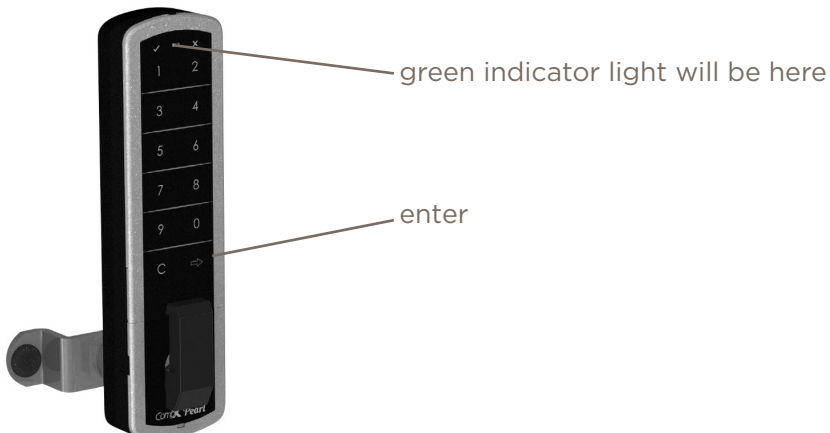
## Programming mode:

- To enter programming mode you must know the **supervisor code**. The **default supervisor code is 12345**.
- Once in programming mode, multiple changes can be made prior to exiting programming.
- There is a **10 second** programming time limit between each step. If Pearl times out or an error is made, programming will end and you will need to enter programming mode again.
  1. Lock must be in **locked** position prior to entering programming mode.
  2. Type supervisor code and press ➡ (enter).
  3. Rotate the knob to the **unlocked** position and press and hold ➡ (enter) for **3 seconds** (yellow indicator light will illuminate)
  4. With the yellow indicator light illuminated, programming can begin.



## Changing the user code:

- To change the user code you must be in **Programming Mode** first.
- The factory default user code is **1234** (user codes must be 4 to 8 digits in length).
- There is a **10 second** programming time limit between each step. If Pearl times out or an error is made, programming will end and you will need to enter programming mode again.
  1. Place Pearl into programming mode
  2. Press **1** and then press ➡ (enter)
  3. Type the current user code and press ➡ (enter)
  4. Type the new user code and press ➡ (enter)
  5. Retype the new user code and press ➡ (enter)
  6. If successful, the **green** indicator light will illuminate for 1 second
- Continue programming or press 9 and then ➡ (enter) to exit programming



## Changing the supervisor code:

- To change the user code you must be in **Programming Mode** first.
- The factory default supervisor code is **12345** (user codes must be 4 to 8 digits in length).
- There is a **10 second** programming time limit between each step. If Pearl times out or an error is made, programming will end and you will need to enter programming mode again.
  1. Place Pearl into programming mode
  2. Press **2** and then press  $\Rightarrow$  (enter)
  3. Type the current supervisor code and press  $\Rightarrow$  (enter)
  4. Type the new supervisor code and press  $\Rightarrow$  (enter)
  5. Retype the new supervisor code and press  $\Rightarrow$  (enter)
  6. If successful, the **green** indicator light will illuminate for 1 second
- Continue programming or press 9 and then  $\Rightarrow$  (enter) to exit programming

NOTE: Pearl features a reset code which will restore the default supervisor code and user code. Pearl was shipped with reset stickers – one should be attached to the back of the Pearl, and the extra sticker should be saved in a safe and secure location for future reference.

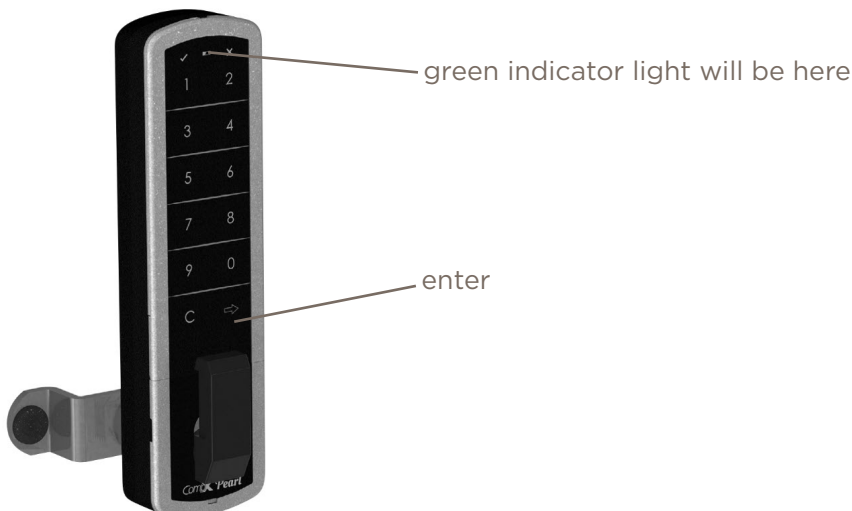
- To restore the factory default supervisor and user code, type the Reset Code assigned to the Pearl and press  $\Rightarrow$  (enter).

## Single use mode/standard mode:

- Single Use Mode allows for a revolving user code so multiple people may use the lock without having to reprogram the Pearl each time.
- **Standard Mode** operates with a fixed code. To change the code, follow the **Changing the User Code** steps.
- To change the Pearl to **Single Use or Standard Mode**, follow the steps to enter programming mode.
- There is a **10 second** programming time limit between each step. If Pearl times out or an error is made, programming will end and you will need to enter programming mode again.
- Place Pearl into programming mode.
  1. To turn Single Use Mode “ON”: type **51** and then press  $\Rightarrow$  (enter)
  2. To return to Standard Mode: type **50** and then press  $\Rightarrow$  (enter)
  3. If successful, the **green** indicator light will illuminate for 1 second




NOTE: Returning to Standard Mode will reset the factory user default code (**1234**).

- Continue programming or press **9** and then  $\Rightarrow$  (enter) to exit programming.






## Programming single use timeout ON/OFF

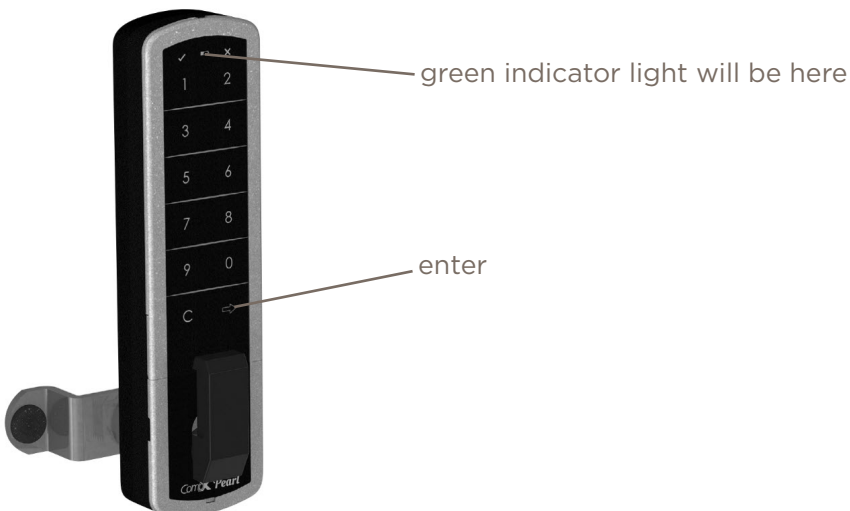
**WARNING: Manual Lock - Single Use Timeout ON** is a feature to prevent users from occupying a shared use locker or cabinet for a prolonged period of time. Turning this feature on will disable the user code after a programmable amount of time. After this time elapses, Pearl can only be opened with the supervisor code.

- To change the Pearl to Single Use Timeout ON or OFF, you must be in **Programming Mode** first.
- There is a **10 second** programming time limit between each step. If Pearl times out or an error is made, programming will end and you will need to enter programming mode again.
  1. Place Pearl into programming mode
  2. To set Timeout ON, type **2XX** and then press  (enter).  
(XX represents a time period from 04 to 48 in whole hours.)
  3. To turn Timeout OFF, type **20** and then press  (enter).
  4. If successful, the **green** indicator light will illuminate for 1 second
- Continue programming or press 9 and then  (enter) to exit programming

## Programming security use timeout ON/OFF

**WARNING: Security Timeout ON** will disable the Pearl from use for 5 minutes when 5 invalid attempts to unlock Pearl occur. During this time, Pearl will not unlock with either the valid user or supervisor code.

- To change the Pearl to Security Timeout ON or OFF, you must be in **Programming Mode** first.
- There is a **10 second** programming time limit between each step. If Pearl times out or an error is made, programming will end and you will need to enter programming mode again.
  1. Place Pearl into programming mode
  2. To set **Security Timeout ON**, type **11** and then press  (enter).
  3. To turn **Security Timeout OFF**, type **10** and then press  (enter).
  4. If successful, the **green** indicator light will illuminate for 1 second
- Continue programming or press 9 and then  (enter) to exit programming

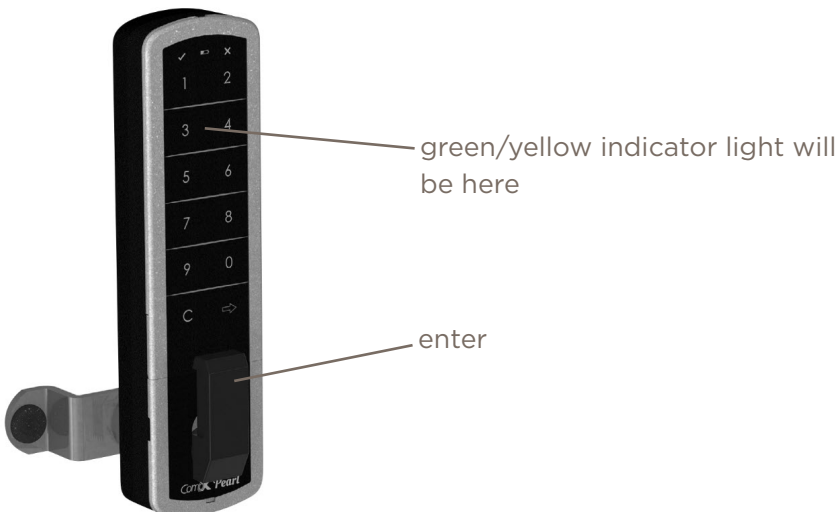


### Reset user code to factory default 1234 (Does not apply to single use mode)

- To reset the **User Code** to the factory default **1234** you must be in **Programming Mode** first.
- There is a **10 second** programming time limit between each step. If Pearl times out or an error is made, programming will end and you will need to enter programming mode again.
  1. Place Pearl into programming mode
  2. Type **8888** and then press  $\Rightarrow$  (enter).
  3. If successful, the **green** indicator light will illuminate for 1 second
- Continue programming or press 9 and then  $\Rightarrow$  (enter) to exit programming

### Add user without specifying memory slot

- The **Supervisor Code** memory location is called **Slot 01** and the first **User Code** is called **Slot 02**.
- Any additional User Codes reside in memory slots 03-20.
- To add a user code without specifying a memory slot (03 -20), enter programming mode first.
- User codes must be 4 to 8 digits in length and **must** be different from all existing codes (including Slot 01 Supervisor & Slot 02 User codes).
- There is a **10 second** programming time limit between each step. If Pearl times out or an error is made, programming will end and you will need to enter programming mode again.
  1. Place Pearl into programming mode
  2. Press **410** and then press  $\Rightarrow$  (enter).
  3. Type the new user code and press  $\Rightarrow$  (enter).
  4. Retype the new user code and press  $\Rightarrow$  (enter).
  5. If successful, the **yellow** indicator light will illuminate.
- Continue programming or press 9 and then  $\Rightarrow$  (enter) to exit programming



### Add user to specific memory slot

- The **Supervisor Code** memory location is called **Slot 01** and the first **User Code** is called **Slot 02**.
- Any additional User Codes reside in memory slots 03-20.
- To add a user code to a specific memory slot (03 -20), enter programming mode first.
- User codes must be 4 to 8 digits in length and **must** be different from all existing codes (including Slot 01 Supervisor & Slot 02 User codes).
- There is a **10 second** programming time limit between each step. If Pearl times out or an error is made, programming will end and you will need to enter programming mode again.
  1. Place Pearl into programming mode
  2. Press **411** and then press  $\Rightarrow$  (enter).
  3. Type memory slot to be added followed by  $\Rightarrow$  (enter) (for memory slots 03 - 09, you must type leading "0" - e.g. "07" for slot 7)
  4. Retype memory slot to be added followed by  $\Rightarrow$  (enter).
  5. Type the new user code and press  $\Rightarrow$  (enter).
  6. Retype the new user code and press  $\Rightarrow$  (enter).
  7. If successful, the **yellow** indicator light will illuminate.
- Continue programming or press 9 and then  $\Rightarrow$  (enter) to exit programming

### Delete user without specifying memory slot

- The **Supervisor Code** memory location is called **Slot 01** and the first **User Code** is called **Slot 02**.
- Any additional User Codes reside in memory slots 03-20.
- To delete a user code to a specific memory slot (03 -20), enter programming mode first.
- There is a **10 second** programming time limit between each step. If Pearl times out or an error is made, programming will end and you will need to enter programming mode again.
  1. Place Pearl into programming mode
  2. Press **400** and then press  $\Rightarrow$  (enter)
  3. Type the user code to be deleted and press  $\Rightarrow$  (enter)
  4. Retype the user code to be deleted and press  $\Rightarrow$  (enter)
  5. If successful, the **yellow** indicator light will illuminate.
- Continue programming or press 9 and then  $\Rightarrow$  (enter) to exit programming



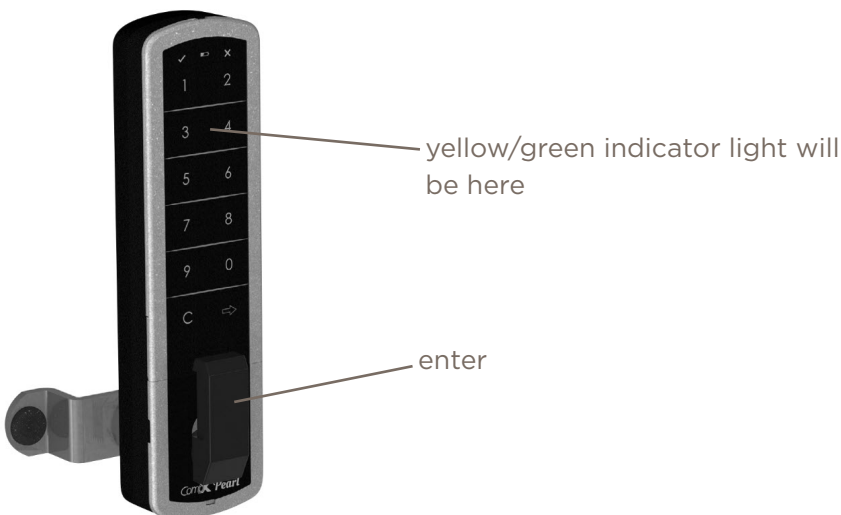


### Delete user from specifying memory slot

- The **Supervisor Code** memory location is called **Slot 01** and the first **User Code** is called **Slot 02**.
- Any additional User Codes reside in memory slots 03-20.
- To delete a user code to a specific memory slot (03 -20), enter programming mode first.
- There is a **10 second** programming time limit between each step. If Pearl times out or an error is made, programming will end and you will need to enter programming mode again.
  1. Place Pearl into programming mode
  2. Press **401** and then press  $\Rightarrow$  (enter).
  3. Type memory slot to be added followed by  $\Rightarrow$  (enter) (for memory slots 03 - 09, you must type leading "0" - e.g. "07" for slot 7)
  4. Retype memory slot to be vacated followed by  $\Rightarrow$  (enter).
  5. If successful, the **yellow** indicator light will illuminate.
- Continue programming or press 9 and then  $\Rightarrow$  (enter) to exit programming

### Display number of lock operation

- This feature shows the number of times the lock has been operated. The number of operations are displayed in yellow light blinks and separated by a green blink to determine the next value.
- Example; yellow, yellow, yellow, green, yellow, yellow, green, yellow, green, yellow, green would equal 3211 lock operations.
- There is a **10 second** programming time limit between each step. If Pearl times out or an error is made, programming will end and you will need to enter programming mode again.
  1. Place Pearl into programming mode
    - a. To display number of lock operations type **60** and then press  $\Rightarrow$  (enter).
    - or
    - b. To reset to zero type **61** and then press  $\Rightarrow$  (enter).
- Continue programming or press 9 and then  $\Rightarrow$  (enter) to exit programming



## Add user to specific memory slot

- The **Supervisor Code** memory location is called **Slot 01** and the first **User Code** is called **Slot 02**.
- Any additional User Codes reside in memory slots 03-20.
- To add a user code to a specific memory slot (03 -20), enter programming mode first.
- User codes must be 4 to 8 digits in length and **must** be different from all existing codes (including Slot 01 Supervisor & Slot 02 User codes).
- There is a **10 second** programming time limit between each step. If Pearl times out or an error is made, programming will end and you will need to enter programming mode again.
  1. Place Pearl into programming mode
  2. Press **411** and then press  $\Rightarrow$  (enter).
  3. Type memory slot to be added followed by  $\Rightarrow$  (enter) (for memory slots 03 - 09, you must type leading "0" - e.g. "07" for slot 7)
  4. Retype memory slot to be added followed by  $\Rightarrow$  (enter).
  5. Type the new user code and press  $\Rightarrow$  (enter).
  6. Retype the new user code and press  $\Rightarrow$  (enter).
  7. If successful, the **yellow** indicator light will illuminate.
- Continue programming or press 9 and then  $\Rightarrow$  (enter) to exit programming

## Delete user without specifying memory slot

- The **Supervisor Code** memory location is called **Slot 01** and the first **User Code** is called **Slot 02**.
- Any additional User Codes reside in memory slots 03-20.
- To delete a user code to a specific memory slot (03 -20), enter programming mode first.
- There is a **10 second** programming time limit between each step. If Pearl times out or an error is made, programming will end and you will need to enter programming mode again.
  1. Place Pearl into programming mode
  2. Press **400** and then press  $\Rightarrow$  (enter)
  3. Type the user code to be deleted and press  $\Rightarrow$  (enter)
  4. Retype the user code to be deleted and press  $\Rightarrow$  (enter)
  5. If successful, the **yellow** indicator light will illuminate.
- Continue programming or press 9 and then  $\Rightarrow$  (enter) to exit programming



## Installation: Template for surface mounting

This template is for surface mounting Pearl units.

**1"**

**WARNING:** Print this page and measure the line above. It is **ONE INCH LONG**. If it measures less than or more than one inch, the template measurements also need to be scaled accordingly.

**FAILURE TO DO SO COULD RESULT IN MISDRILLED HOLES.**

