



FL410/FL411 Electronic Locking - General Operating Instructions

Section 1: General Information

The FL410 and FL411 utilize the same key pad which is powered by a non-rechargeable battery pack with a 10 year life expectancy. The FL411 includes AUTO-RELOCK and a rechargeable battery. The Auto Relock mechanism is controlled by an adjustable timer and motion sensor.

Carts always arrive with 3 pre-programmed codes. The following is a review of each:

| | Set Up Code | Supervisor Code | User Code |
|------------------------|-------------|-----------------|-----------|
| Default Code | 0311 | 1350 | 0531 |
| Unlock Cart | | X | X |
| Change Supervisor Code | X | | |
| Change User Code | | X | |

Section 2: Unlock & Lock Cart

To Unlock the Cart:

- Enter 4-digit User or Supervisor Code.
- If the code is valid, system will automatically unlock unit.
- If the code is INVALID, system will not unlock unit (red light on touchpad will blink 3 times and 3 beeps will be heard). Reenter correct code.
- If 3 INVALID CODES are entered consecutively, the Tamper Evident Signal will be triggered; the unit will enter Access Denied mode and respond by locking down the unit.

The red light will flash accompanied by an alert tone. You will not be able to unlock the cart until the Access Denied time limit expires. This lock out time is one minute and can not be changed.

To Lock the Cart:

- Press down on the red lock knob located on the front of the cart.
- If your cart is also equipped with AUTO RE-LOCK (FL411), the cart will lock automatically when the specified time elapses.
- To re-lock before time limit expires, press down on the re-lock handle located on the front of the cart until it clicks into place.

Section 3: Manually Lock & Unlock Cart

The cart can be unlocked and locked manually (without the touchpad) by using the key lock and red lock knob.

To Unlock the Cart:

- Insert the key into the mechanical key lock and turn counter clockwise.
- The front lock handle will spring up signaling the cart is unlocked.

To Lock the Cart:

- Press down on the red lock knob until it clicks into place.

Section 4: Low Battery Indicator/Recharge Batteries

FL410 & FL411 Touch Pads:

The touch pad is powered by a battery pack that is **Not Rechargeable** but has a 10 year life expectancy. A Yellow LED above the number 5 key will illuminate when batteries need to be replaced. This light will remain illuminated for approximately 1 year before the voltage will drop to a level too low to operate the keypad. Replacement batteries must be ordered through Metro.

FL411 Touch Pad w/ Auto Relock:

FL411 includes a pair of rechargeable 6V batteries. When the battery charge is low, the RECHARGE BATTERY light on the touchpad will blink when the cart is unlocked and 5 beeps will be heard periodically. Once battery is deeply discharged, the electronic auto-locking system will not operate until the recharger is connected and a minimum power level is re-established.

The battery will hold a sufficient charge to operate the cart's electronics for about 2 weeks. It is recommended that the batteries be routinely recharged once a week for 6 to 8 hours. **Allowing batteries to deeply discharge will significantly reduce their life. Remind personnel to recharge on a regular basis.** A recharger is included with every FL411 cart. Using any other recharger can seriously damage the cart's PC board.

To Recharge Batteries:

- Plug the recharger into a standard 120VAC wall outlet.

- Plug the recharger jack into the 12" long breakaway extender, and the angled male end of the extender into the jack on the back of the cart.
- The extender is important. It will help to prevent drive-away damage if the cart is moved while connected to the recharger.
- While the battery is charging, the light on the recharger will be either red or yellow; when fully charged it will turn to green.

Programming Instructions

Section 5: Changing the Supervisor and User Codes

Change Supervisor Code:

Note: The supervisor code must never be set as 0-0-0-0.

- Press the PROGRAM key once.
- Enter the 4-digit SET UP CODE.
- Enter the new 4-digit supervisor code.
- Re-enter the new 4-digit supervisor code.
- If the new code has been entered correctly, the cart will unlock. If the cart does not unlock, repeat steps.

Change User Code:

Note: The user code must never be set as 0-0-0-0.

- Press the PROGRAM key twice.
- Enter the current 4-digit SUPERVISOR code.
- Enter the new 4-digit new user code.
- Re-enter the new 4-digit new user code.
- If the new code has been entered correctly, the cart will unlock. If the cart does not unlock, repeat steps.

To Disable User Code (Supervisor Only):

Note: If carts are not in use, following the steps described below will disable the user code. This code will not unlock the cart.

- Press the PROGRAM key twice.
- Enter the current 4-digit SUPERVISOR code.
- Enter 0-0-0-0 (must be done within 5 seconds).
- Re-enter 0-0-0-0 (must be done within 5 seconds).

Section 6: Auto Lock Timer

To Change Auto-Relock Time (default is 5 minutes):

- The time delay switch is located on the PC board below the bottom drawer.
- The rotary time delay switch is located in the front right corner of the PC board.
- The switch must be adjusted by using a small flat screwdriver.
- Turn the center of the time switch to the desired number or alpha character.
- Settings are as follows:

| | | | |
|--------------|-------------|--------------|--------------|
| - 0 = 3 sec | - 4 = 1 min | - 8 = 8 min | - C = 30 min |
| - 1 = 15 sec | - 5 = 2 min | - 9 = 10 min | - D = 40 min |
| - 2 = 30 sec | - 6 = 3 min | - A = 15 min | - E = 50 min |
| - 3 = 45 sec | - 7 = 5 min | - B = 20 min | - F = 60 min |

Section 7: Reset Switch

The Reset Switch allows for quick electrical recovery when the touch pad is not responding. The reset switch is located on the back of the cart.

Note: Before using the switch, ensure that:

- the cart is unplugged from the charger, and
- the yellow "Change Battery" light is not lit (If lit, the touch pad battery pack may need to be replaced).

To Use Reset Switch:

- Depending on switch style, either press the reset switch button or shut off rocker switch on rear of cart.
- Release button or turn on rocker switch to restore power.
- If power is not restored, repeat the steps above.



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Information and specifications are subject to change without notice. Please confirm at time of order.