

## **Operating and Closing the X-10 Electromechanical Combination Lock Transcript**

The purpose of this video is to demonstrate how to dial a combination to open the X-10 electromechanical combination lock. The X-10 electromechanical lock is shipped preset to operate in single combination mode with a factory combination of 50-25-50. You are required to set the lock to your own unique combination before storing classified materials in the security container.

To open the lock using the factory combination in single combination mode: In this mode, the X-10 functions much like a standard combination lock. It will open any time the three number combination is correctly dialed. Our example combination is 50-25-50. Dial left to the first number, 50, then stop. Dial right to the second number, 25, then stop. Dial left to the third number, 50, then stop.

**STEP 1:** Turn the dial to the left (or counterclockwise) until the lock is powered. The lock is considered powered when numbers appear on the LCD screen. Continue dialing left or counterclockwise to the first number of the factory combination, 50. Stop on 50 and pause briefly.

**STEP 2:** Turn the dial right (or clockwise) to the second number of the factory combination, 25. Stop on 25 and pause briefly.

**STEP 3:** Turn the dial to the left (or counterclockwise) to the third number in the factory combination, 50. Stop on 50 and pause briefly.

**STEP 4:** Turn the dial to the right or clockwise. After “OP” with a right arrow, which stands for open right is displayed, continue dialing to the right to retract the bolt.

### ***Notes:***

If you pass your target number by four or more, continue dialing in the same direction until you reach the target number again. If you pass the target number by no more than three numbers, you may continue dialing in the same direction until you reach your target number or reverse directions slowly and the display will jump back four numbers. Then you should dial slowly in the original dialing direction until you reach the correct number.

If at any time the dial remains stationary for more than 40 seconds, the lock will power down, the LCD screen will go blank requiring the operator to re-dial the entire combination.

You must re-dial the entire combination if: the screen goes blank before the lock bolt is retracted, or a lightning bolt is displayed.

### **Closing the Lock**

To close the lock, first dial to the left (or counterclockwise) a minimum of one complete revolution to extend the bolt and wait three seconds. Then turn the dial to the right, or clockwise, a minimum of one complete revolution to ensure that it is locked.

**Note:** The dial should turn freely in either direction without catching or binding when the bolt is extended and the lock is closed.

This completes the video for opening and closing the X-10 electromechanical combination lock.