

## MX I

Information

---

### 1.) Motion Detector

*Requires a total of six (6) wires:*

- A. Two (2) lead wires for motion detector power.
- B. Two (2) lead wires for motion detector alarm.
- C. Two (2) lead wires for motion detector tamper.

### 2.) Concealite MX Fixture Head

- A. Two (2) lead wires for motor and electric clutch power.

### POWER REQUIREMENTS

12 VDC gear motor, 280 milliamp draw

12 VDC electric clutch, 100 milliamp draw

The motion detector power and the MX fixture head power leads can be combined and powered from the same power source and decided at time of installation.

Wiring connections are wired so that the motion detector power is energized thru the normally open contact of the door limit switch (door open position) utilizing the common negative (-) supply. Arming the security system will power up the MX fixture head.

Arming the security system provides power and activates the MX fixture head causing the door gear motor to drive the door to the open position then shut off. The electric clutch would also be energized simultaneously, so that when the door reaches the fully open position the clutch holds the door in the open position during activation "security system on." When the alarm system is turned off, the power to the MX head and the power to the motion detector is shut off. The fixture head automatically closes by spring return to the concealed position and does not need power to close to the concealed position.

The detectors alarm and tamper wiring can be directly connected from the panel to the detector as normally done.

### Limited Warranty

All Concealite equipment is guaranteed against defects in materials and workmanship by the manufacturer for a period of three years from date of shipment under normal operations and proper use. Correction of all defects shall be by replacement or repair (at our discretion) and shall constitute fulfillment of all manufacturer's obligations.



202 Elk Street, P.O. Box 160  
Elkton, SD 57026  
Phone: (605)542-4444  
Fax: (605)542-3333  
[www.concealite.com](http://www.concealite.com)