



Product Manual

- Installation Instructions
- Wiring Instructions

Read and follow all UL and Safety Standards before installing. Refer to the manual and qualified personnel for assistance. DO NOT install this device unless all entrapment and pinch points are eliminated.

MOUNTING THE SYSTEM:

The system can be mounted on a standard pedestal or directly to a wall or flat surface. A 3/4" knockout is located on the back and bottom of the box for conduit connections. Rear mounting holes are available for mounting screws and anchors. Follow all safety warnings and precautions when mounting the system.

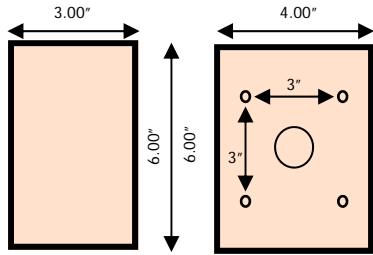
Pedestal Mounting:

1. Use security screws and lock nuts to securely attach the back box to a gooseneck post.
2. If the mounting holes are not used, fill the holes with a plug or sealant to prevent water from entering the box.

Wall Mounting:

1. Mount the system to a wall or flat surface. Use appropriate mounting screws or anchors to securely attach the system.
2. Never mount the system to a moving gate, gate panel, or next to a gate that causes vibration to the mounting point. Continuous vibration from moving or slamming gates can cause damage to the unit and is not covered under warranty.

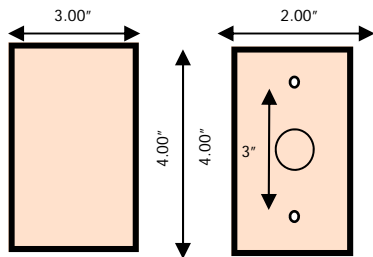
FLB100



Side View

Back View

FLB100-Mini



Side View

Back View

DO NOT mount operating devices accessible through the gate or in between gate and wall.

Mount the system at least 10 feet away from a vehicular gate and its travel.

INSTALLING KNOX & PADLOCK:

The system may utilize a Knox Lock key switch, padlock or both for fire access. When a Knox Lock is used, the Fire Dept will use their key to activate the lock switch. When a padlock is used, the Fire Dept will use bolt cutters to remove the padlock, open the door and activate the built-in switch.

To install a Knox Lock key switch:

1. Using a hammer and screwdriver, remove the center knockout in the front door.



2. Unlock the box and install the Knox key switch.
3. Wire the key switch to the device to be activated.
4. Close and lock the box.

To install a padlock:

1. Unlock the box.
2. Wire the built-in switch to the device to be activated.
3. Close the box, DO NOT LOCK THE TOP LOCK
4. Install the padlock through the top hole on the roof and door..

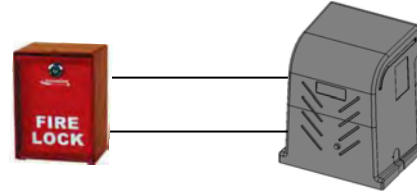
To install a Knox Lock and padlock:

1. Using a hammer and screwdriver, remove the center knockout in the front door.
2. Unlock the box and install the Knox key switch.
3. Wire the key switch to the device to be activated.
4. Wire the built-in switch to the device to be activated.
5. Close the box, DO NOT LOCK THE TOP LOCK and install the padlock.

GATE OPERATOR WIRE CONNECTIONS:

The system may be connected to an electric gate operator for gate access control. When connecting to a gate operator, always follow the safety guidelines and precautions supplied with the gate operator. To connect a gate operator:

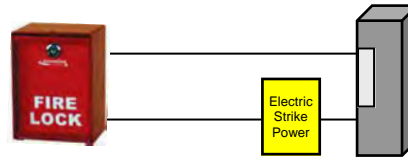
1. Connect NC to Gate Open/Fire Input.
2. Connect COM to Gate Common.
3. Use at least 18AWG or larger wire.



ELECTRIC STRIKE WIRE CONNECTIONS:

The system may be connected to an electric strike for pedestrian door or pedestrian gate control. To connect an electric strike:

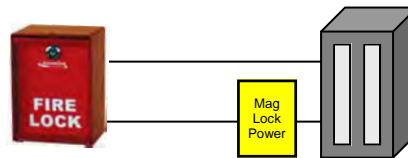
1. Connect NC to the Strike power source.
2. Connect Strike power source to the Electric Strike.
3. Connect COM1 directly to the Strike.
4. Use at least 18AWG or larger wire.



MAGNETIC LOCK WIRE CONNECTIONS:

The system may be connected to a magnetic lock for pedestrian door or pedestrian gate control. To connect a magnetic lock:

1. Connect NO to the MagLock power source.
2. Connect MagLock power source to Magnetic Lock.
3. Connect COM1 directly to the MagLock.
4. Use at least 18AWG or larger wire.



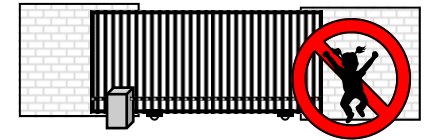
IMPORTANT USER INSTRUCTIONS:

Automatic gate systems provide user convenience and limit vehicular traffic. Because these systems can produce high levels of force, it is important that you are aware of the potential hazards associated with the system. Potential hazards may include pinch points, entrapment positions, lack of proper pedestrian access, blind spots for traffic visibility.

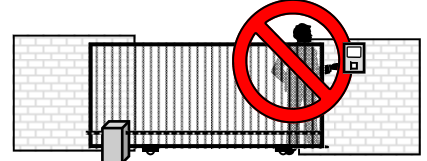
It is the joint responsibility of the designer, purchaser, installer and end user to verify the system is properly configured for its intended use. Be sure that the installer has instructed you on the proper operation of the gate and gate system before use. Be sure the installer trains you about the basic functions of the required reversing devices associated with the gate system and how to properly test them. Reversing devices may include reverse loops, sensing edges, photoelectric cells, inherent reverse detection, and/or other external devices.

RESTRICTIONS & WARNINGS:

1. A moving gate can cause serious injury or death. Read and follow all installation manuals, reference manuals, and warning label instructions.
2. Vehicular gates are for vehicles only. Pedestrians must use a separate entrance. Keep all pedestrian traffic away from any vehicular gate. No one should cross the path of a moving gate.
3. Never allow children to operate or play with gate controls or to play in the area of a gate system.
4. Access control devices must be placed far enough from moving gates to prevent the user from coming in contact with the gate while operating the controls.
5. All activating devices must be installed in a clear line-of-sight with the gate and its travel.
6. Activating devices must be installed a minimum of 10 feet away from the gate.
7. Outdoor or easily accessible controls shall have a security feature to prevent unauthorized use.
8. Be sure to mount all operating devices clearly out of reach of through gates.
9. **DO NOT install this device unless all potential hazards and pinch points have been eliminated.**



DO NOT allow children to play near, on or with the gate, gate operator, or any of its controls.



DO NOT mount operating devices accessible through the gate or in between gate and wall.