

# Assembling a Complete Magnetic Lock System

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### Bio-Logic, Inc.

### [www.GymAssistant.com](http://www.GymAssistant.com)

#### ***What is a MagLock?***

You will find a good overview of maglock systems on Wikipedia at:

[http://en.wikipedia.org/wiki/Electromagnetic\\_lock#Technical\\_comparison](http://en.wikipedia.org/wiki/Electromagnetic_lock#Technical_comparison)

#### ***Where should I purchase a maglock system?***

We recommend that you purchase your lock system from a local locksmith if possible.

If you cannot buy the hardware locally then we recommend [MagLocks.net](http://MagLocks.net). They have an excellent selection of quality hardware and are always there to answer the phone if you have any questions before purchase or during installation.

You should expect to pay about \$500 for the complete system.

#### ***What pieces do I need?***

The minimum you need is the lock, power supply and a request-to-exit button. The request-to-exit button unlocks the door for exit, but most local fire codes require at least 2 methods to unlock the door.

There are a few components that are required for a magnetic lock installation.

#### **Select a magnetic lock:**

<http://www.maglocks.net/magnetic-locks.htm?cat=82>

*You should choose a lock strength (600-1500lbs) appropriate for your door.*

#### **Add a Power Supply with Battery Backup:**

<http://www.maglocks.net/mc-1-maglocks-com-power-supply-with-battery-back-up-in-an-enclosure-access-control-power-supply.htm>

*Be sure to check the box to include the optional **built-in door timer** (delay). The timer will keep the door unlocked for a specific time period, to allow for the delay between when a person presses the Request-to-Exit button and when they push open the door.*

#### **Add an Exit Bar, which will unlock the door with light pressure:**

<http://www.maglocks.net/exit-devices.htm?cat=83>

#### **Add a Request-to-Exit Button, which will unlock the door when pushed:**

<http://www.maglocks.net/exit-devices/push-to-exit-buttons.htm>

**Add a Motion Sensor**, which will unlock the door automatically when someone approaches the door from inside:

<http://www.maglocks.net/exit-devices/motion-sensors.htm>

### ***What if I have questions?***

If you have any questions about what hardware would be most appropriate please contact MagLocks.net at 866-500-5625.

If you have any questions about how to configure Gym Assistant to work with your maglock, please call us toll-free