

## Start – Setup Overview

Thank you for your purchase of the Protectrix™ S+ or (()) Automatic Garage Door Closing Device.

**Video** - of how to install Protectrix is also available on our web site if you would prefer to watch what it takes. Go to [www.protectrix.com](http://www.protectrix.com) then click on “how it works”, a video link will appear at the top right hand side called “Installation Video for S+ and (())”.

Setting up Protectrix S+ usually takes 2 - 5 minutes but it primarily depends on if you've programmed a remote control for your garage door before.

### Step 1 – Learn Code

1) You should find a "learn" button on the garage door opener (see diagram D), **a)** press the learn button for approximately 2 seconds. The LED light beside the learn button will go on. Now **b)** press the TEST SWITCH button on the front of Protectrix™ to activate. The LED light on the garage door opener will flash then go off. Also Protectrix should beep and blink once. Protectrix is now programmed and should be able to open and close your garage door.

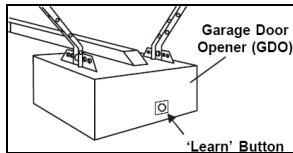


Diagram D: Location of Receiver Learn Button

**Test 1)** Test that pressing the test button on the front of Protectrix™ programs Protectrix™ correctly. The garage door should open or close when you press this button; if this does not occur, either the remote has not been programmed correctly (proceed back to step 1), the remote lock switch is on (this is usually next to the button you use to open your garage door and is mounted on the wall inside your garage check your garage door manual for more information), your battery is not installed or is dead, or you purchased the wrong Protectrix model for your garage door.

### Step 2 – Installing

**a)** Pick an area on the upper part of the Garage Door as shown in Diagram J to install Protectrix. The unit must be mounted so that the text on the **front of the case is horizontal** (see that label on front “install this end up” is pointing up).

**b)** To secure the unit to the garage door; screw the back half of the case to the garage door with two screws. If you do not want to use screws, you can use double-sided foam tape and apply it to the back of Protectrix then stick Protectrix to the garage door. Be careful to ensure that the double-sided foam tape is securely attached to the garage door and Protectrix, if it is not, the unit could fall and open instead of close the garage door.

**Caution!** If Protectrix™ falls or releases from the garage door, Protectrix™ may inadvertently open the garage door, or never try to close the garage door. Ensure Protectrix™ is firmly attached!

### Step 3 – Adjust Delay Time

3) On the front of Protectrix turn the knob to the desired number of minutes that you would like Protectrix to wait before trying to close the garage door. If you select 3 that equals 5 minutes, a setting of 7 would make Protectrix wait 1 hour before closing the garage door.

*Note: The maximum possible delay time is 4 hours.*

*Note: You can turn the system off by selecting Off (0) for the delay time.*

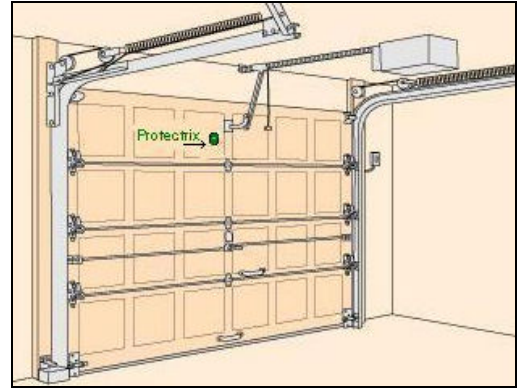


Diagram J: Installation location of Protectrix

**Test 2)** Next, set the Delay Time to 2 minutes and leave your garage door open. An alarm (blinking light and beeping sound) will start after 2 minutes; the alarm will continue for 30 seconds. After that the garage door should close. If the garage door does not close try Test 1 again.

**Warning!** Test that Protectrix works on your garage door before depending on it, not testing it could mean your garage door will never shut.

### Want Garage Door to Stay Open?

If you would like to leave your garage door open without Protectrix closing the door on you, you can disable it in one of two easy ways:

- Turn the delay switch on the front of Protectrix to Off (0).
- Turn ON the Lock Switch on your garage door switch. It is usually mounted inside your garage on the wall. Protectrix will still set off an alarm after the set delay time and every delay time after that but it will not be able to close the door.

### Low Battery Alarm

There is a low battery alarm built into Protectrix. The alarm will cause a blink and a beep once every 60 seconds to indicate that the battery is low. If the battery is low proceed to the Replacing/Installing Battery Section.

### Testing/Replacing Battery

Protectrix requires a 9-volt alkaline battery (included). Protectrix™ should be tested once a month. To test the battery press the TEST SWITCH button on the front of Protectrix. If the garage door opens but you don't hear a beep, the battery should be replaced. If the garage door does not open or close when pressing the TEST SWITCH, you may need to repeat step 1.

To replace the battery separate the front half of the case from the back, then remove the old 9V battery and replace it with a new 9V battery. Now reassemble the case.

## Technical Specifications

<b>Battery Type:</b>	9V/Alkaline
<b>Battery Life:</b>	approx: 2-5 years
The lifetime of the battery is determined upon many factors such as: how often the buzzer goes off, how many times Protectrix needs to close the garage door and the temperature. Under typical circumstances however the battery should last well over 2 years.	
<b>Time until Door Automatically Closes:</b>	1min, 2min, 5min, 10min, 20min, 30min 1hr, 2hr, 4hr.
<b>Time Alarm Goes off Before Closing Door:</b>	30 seconds
<b>Dimensions:</b>	5in x 2¾ in x 1¼in

### FCC Regulations:

Protectrix complies with Part 15 of the FCC Regulations. Its operation is subject to the following two conditions:

1. This device may not cause harmful interference.
2. This device must accept any interference that may cause undesired operation.

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## Warning!

- 1) *Never permit children, or those who behave like children, to be alone in the garage or to play with Protectrix™*
- 2) *Protectrix™ can close the garage door behind you locking you out of your house, be sure to have a way to get back into the house if the garage door is closed on you.*
- 3) *If Protectrix™ is removed from the garage door and the battery is still installed, the garage door may go up and down unexpectedly. Be sure to turn the Delay Switch to OFF to disable the unit.*
- 4) *When the battery is low, Protectrix™ may not be able to close the Garage Door, check monthly that Protectrix™ works. Protectrix will beep once every minute if the battery is low.*
- 5) *If the lock switch on your garage door is on, Protectrix™ will not be able to close your garage door.*
- 6) *Do not leave anything in the region where the garage door closes, Protectrix™ can not detect any objects in the way of the garage door. Your garage door will stop and reverse, if your garage door does not have those features do not use Protectrix!*
- 7) *Pressing the button on the Front of Protectrix™ has the same effect as pressing the button on your garage door remote; it can open your garage door, be careful not to press the button unexpectedly.*
- 8) *Protectrix cannot close the garage door if there is no power to the garage door opener or if something is blocking the garage door from closing!*
- 9) *If a car is running in the garage, Protectrix may close the garage door causing unsafe levels of CO in Garage.*