

Start – Setup 18R

Thank you for your purchase of the Protectrix™ Automatic Garage Door Closing Timer. This manual supports model 18R. You will need:

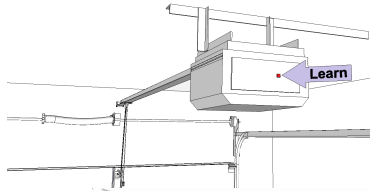
- 2 mounting screws (included)
- Philips screwdriver, and a
- 9Volt battery (included)

If you have a *Genie*, or *Overhead* garage door with rolling code or a learn button (Diagram A), start at step 1A and skip step 1B.

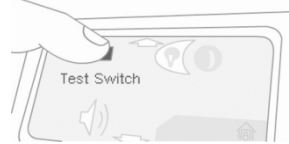
Otherwise proceed to step 1B and skip step 1A.

Step 1A – Learn Code

A) Find your "learn" button on the garage door opener, press the learn button for 1 second. A small light near the learn button should turn on.



B) Within 20 seconds press the TEST SWITCH on Protectrix up to 5 times for garage door motor to learn the timer.



The garage light likely will turn off or blink, also the learn light near the learn button should flash or go off also. Protectrix is now programmed and should be able to open and close your garage door by pressing the TEST SWITCH.

Step 1A or 1B
NOT both

Step 1B – Record Code

Garage Remote Manufacturer	Delay Time Setting	Garage Remote Manufacturer	Delay Time Setting
Allstar™/Allister	30m/6/318MHz	Moore-O-Matic™	5m/3/310MHz
Chamberlain®	tst/1/390MHz	Multi-Code™	10m/4/300MHz
Craftsman®	tst/1/390MHz	Overhead®	2m/2/390MHz
Genie®	2m/2/390MHz	Pulsar™	30m/6/318MHz
Liftmaster®	tst/1/390MHz	Raynor®	tst/1/390MHz
Linear®	5m/3/310MHz	Sears®	tst/1/390MHz
Linear® MegaCode	30m/6/318MHz	Stanley®	5m/3/310MHz
Marantec®	20m/5/315MHz	Genie & Overhead Reset Rolling Code	off/0/315&390
MasterCraft®	tst/1/390MHz		

* The above Brand and Registered Trademarks are registered trade names of the respective entities and are only used for reference

** The above list is subject to additions and modifications

Table 1: Model Training Settings

*Need original manufacturers wireless garage door remote control, and Protectrix.unit.

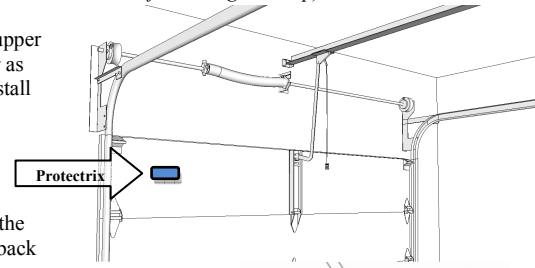
- On the front of Protectrix, set the **Delay Time** to the value from Table 1.
- Hold your garage door remote control about 1-2 feet from the garage timer.
- Press and hold the **Test Switch** down for about 10seconds until it beeps twice.
- Let go of the TEST SWITCH.
- Press and hold your remote control button down until the RED light goes out on Protectrix (approx. 4-18seconds). Some Linear & Megacode remotes may need to wait about 8 seconds between steps D and E.

Test 1) Pressing the test button on the front of Protectrix™ should open and close your garage door. Try several times, if this does not occur each time, either a) the remote has not been programmed correctly (repeat step 1), b) your opener is not supported, or c) the remote lock switch is on (this may be next to the switch you use to open your garage door from inside your garage).

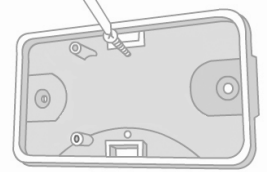
Step 2 – Install

(Ensure Test 1 works before doing this step)

A) Pick an area on the upper part of the Garage Door as shown to the right to install Protectrix.

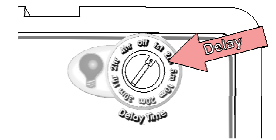


B) Secure Protectrix to the garage door; screw the back half of the case to the garage door with two screws. If you use double sided tape to stick Protectrix to the garage door ensure that the double-sided tape is securely attached to the garage door and unit.



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!

Test 2: Set the delay time to 'tst' (one minute) and leave your garage door open. If the Protectrix unit is not mounted to the garage door, the unit must face down for the timer to start the countdown! If you prefer a one minute delay, set knob to 'tst' (test).

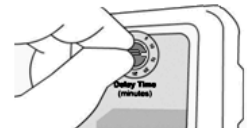


An alarm (blinking light and beeping sound) will start after 2 minutes; the alarm will continue for 30 seconds, then the garage door should close. If the garage door does not close retry Test 1 again.

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

Step 3 – Adjust Delay Time

Turn the delay knob¹ to the desired number of minutes that you would like Protectrix to wait² before trying to close the garage door.



- 1hr (7): Delays 1 hour before trying to close
- 5m (3): Delays 5 minutes before trying to close
- off (0): Turns the system off.
- tst (1): Delays 1minute before trying to close



¹ The very small window on the dial points to the delay time.

² The maximum possible delay time is 4 hours and minimum is 1 minute.

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:

- a) Turn the delay switch on the front of Protectrix to off (0), although we recommend turning it to 4hr (9) just in case you forget to turn it back on again.
- b) 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.

Alarms

- If every few minutes the timer beeps once **1) the battery is low**. If the unit beeps twice the **2) unit needs to be reset** (perform step 1B with the Delay Time set to 0 or off, then repeat step 1A). Three beeps **3) both the battery is low and the unit needs to be reset**. If the unit beeps four or more times **4) the unit is defective and should be sent in for repair or replacement**.
- If the timer beeps consistently, try replacing the battery, if this does not fix the situation a repair or replacement may be necessary.
- If the unit is mounted to the garage door and the door is closed, pressing the test switch should make the unit beep once. The unit should beep twice if the garage door is open.

Testing/Replacing Battery

Protectrix requires a 9-volt alkaline battery (included). Protectrix should be tested once a month. While the garage door is closed press the TEST SWITCH button on the front of Protectrix. If the garage door opens and you don't hear a single beep AFTER you release the Test Switch, the battery is okay.

Resetting Unit

If you hear 2 or 3 beeps every few minutes you will need to reset your Protectrix unit. Do this by doing **Step 1B** but with the Delay Time set to 0 (off). Then repeat **Step 1A** to relearn the unit to your garage door.

Technical Specifications

Battery Type:	9V/Alkaline
Battery Life:	approx: 1-4 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.
Time until Alarm goes off (just before door closes):	1min, 2min, 5min, 10min, 20min, 30min 1hr, 2hr, 4hr (+/- 20%)
Alarm Duration:	30 seconds (+/-20%)
Dimensions:	5in x 2 ³ / ₄ in x 1 ¹ / ₄ in

This device covered under US Patent #7,515,063 and others.

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.

Compatible Garage Doors

Manufacturer:

1982-2013 Genie®, Linear®, Marantec®, Martin, MegaCode™, Moore-O-Matic™, Overhead®
1982-1997 Chamberlain®, Craftsman®, Liftmaster®, Sears®, Sommer, and Stanley®

Frequency: 300MHz, 310MHz, 315MHz, 318MHz, 390MHz

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 cannot 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 Carbon Monoxide (poisonous/deadly) in Garage*

