



Universal Radio Control OWNER'S MANUAL

Model 545RGD Safety Signal™ Receiver Only
Model 545-1RGD Safety Signal™
(With 1 Remote Control)
Model 545-2RGD Safety Signal™
(With 2 Remote Controls)

⚠️ WARNING

To prevent possible SERIOUS INJURY or DEATH from electrocution:

- Be sure power is NOT connected BEFORE installing the receiver.

To prevent possible SERIOUS INJURY or DEATH from a moving gate or garage door:

- ALWAYS keep remote controls out of reach of children. NEVER permit children to operate or play with remote controls.
- Activate gate or door ONLY when it can be seen clearly, is properly adjusted and there are no obstructions to door travel.
- ALWAYS keep gate or garage door in sight until completely closed. NEVER permit anyone to cross path of moving gate or door.

MOUNTING RECEIVER

- Unplug the opener before proceeding.
- Fully extend antenna wire below bottom of case as shown.
- The receiver can be mounted directly on the door opener with the clips provided (Figure 1).

OR

- Attached to a ceiling/inside wall of the garage with connecting bell wire (not provided). Fasten the receiver to the ceiling or inside garage wall with dry wall screws provided (Figure 2).

NOTE: Transformer Model 85 or 95 is required if your residential garage door opener is a LiftMaster, Chamberlain or Sears.

INSTALLATION USING CLIPS

Loosen the three terminal screws on the receiver (labeled 1, 2 and 3) (Figure 1). Insert one end of a mounting clip under each terminal. Do not retighten at this time.

Loosen the three terminal screws on the opener used for push button controls and radio power.

Leaving the push button bell wire in place, insert the other ends of the mounting clips under the opener terminal screws.

NOTE: If the number sequence of opener terminals does not match the receiver, turn the receiver around (so back is facing out) and complete the connection.

Retighten the terminal screws on opener and receiver. Reconnect power to the opener. The receiver push bar should light. If it does not, use Transformer Model 85 or 95.

INSTALLATION USING BELL WIRE

Attach one end of 3-strand bell wire (not provided) to receiver terminals 1, 2 and 3. Connect the other end to the three opener terminals used for push button controls and radio power. Use insulated staples to secure bell wire between receiver and opener (Figure 2).

Reconnect power to the opener. The receiver push bar should light. If it does not, use Transformer Model 85 or 95.

INSTALLATION WITH TRANSFORMER

With the transformer, use a 2-wire connection only. Attach wire to receiver terminals 1 and 2 and to the opener terminals used for push button control. Plug the transformer into receiver and 120 Volt outlet (Figure 3).

NOTICE TO U.S. CONSUMERS:

Some states prohibit the service or repair of garage door openers which cannot be made to comply with the safety standards contained in UL 325 (1988 revision). In order to comply with both the letter and the spirit of these laws, this universal radio control should not be used with any LiftMaster®, Chamberlain®, or Sears Craftsman® garage door opener manufactured prior to April 1, 1982. To find out if your Chamberlain-made garage door opener was manufactured prior to or after April 1, 1982, please call 1-800-528-9131 before installing this universal radio control.

Figure 1

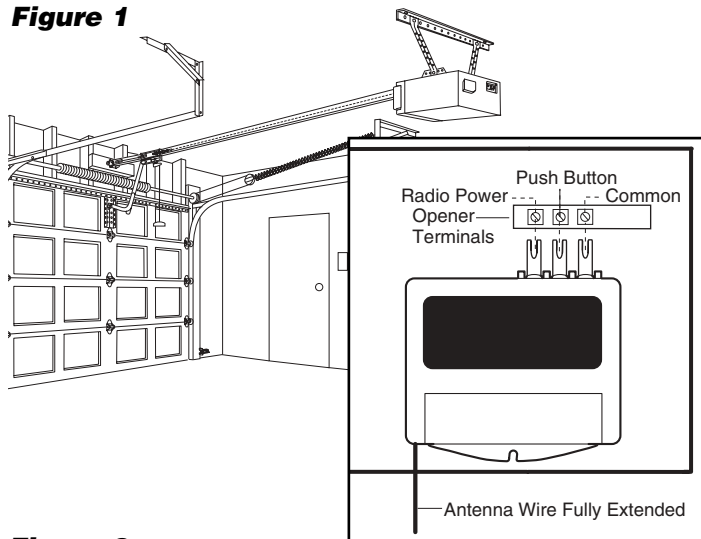


Figure 2

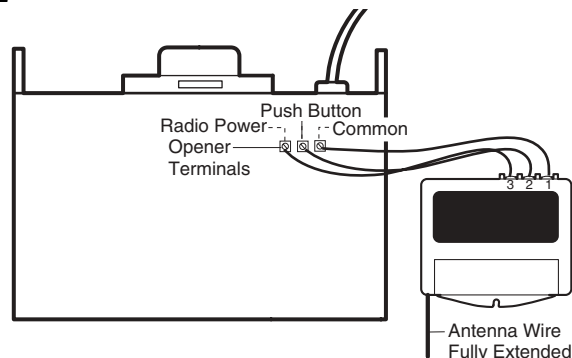
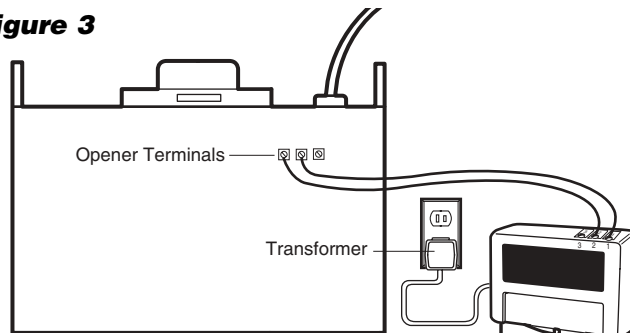


Figure 3



NOTE: Transformer Model 85 or 95 is required if your residential garage door opener is a LiftMaster, Chamberlain or Sears.

PROGRAMMING THE REMOTE TO THE RECEIVER

With Safety Signal™, the code between the remote control and the receiver changes with each use, accessing over 100 billion new codes.

You can activate your opener with up to 8 Safety Signal™ remote controls and one Safety Signal™ Keyless Entry.

1. Pry open the front panel of receiver case with a coin or a screwdriver (*Figure 4*). Re-connect power to opener.
2. Press and release the “SMART” button on the receiver. The “SMART” indicator light will glow steadily for 30 seconds (*Figure 5*).
3. Within 30 seconds, press and hold the button on the hand-held remote that you wish to operate your garage door opener (*Figure 6*).

The opener will now operate when the push button on either the receiver or the remote control is pressed.

Repeat Steps 2 and 3 for each remote control that will be used to operate the garage door opener.

TO ERASE ALL REMOTE CONTROL CODES

Press and hold the “SMART” button on the receiver panel until the indicator light turns off (about 6 seconds). All remote control codes are now erased. Then follow the steps above to reprogram each remote control.

REPLACING THE REMOTE CONTROL BATTERY

The lithium battery should produce power for up to 5 years. To replace battery, pry open case with visor clip or screwdriver, as shown. Insert battery positive side up. Dispose of old battery properly.

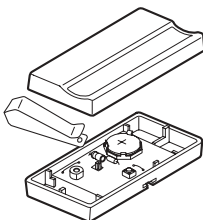


Figure 4

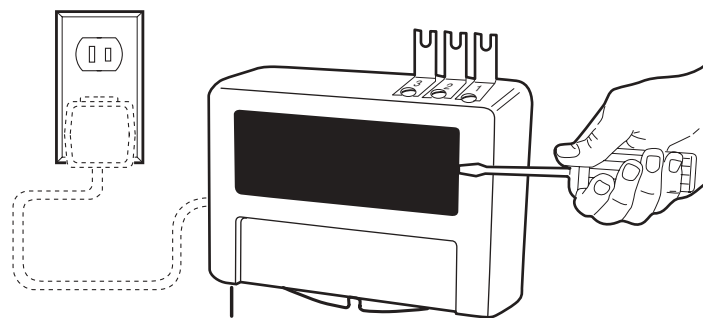


Figure 5

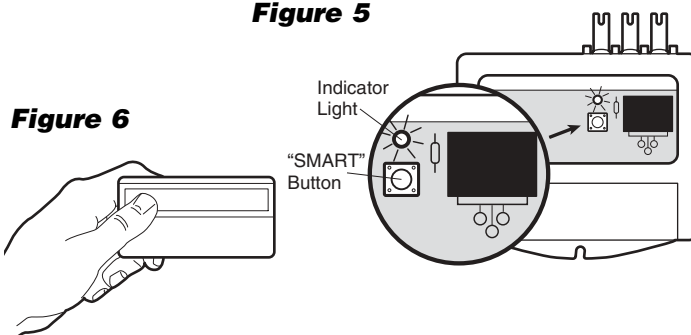


Figure 6

⚠ WARNING

To prevent possible SERIOUS INJURY or DEATH:

- NEVER allow small children near batteries.
- If battery is swallowed, immediately notify doctor.

NOTICE: To comply with FCC and or Industry Canada (IC) rules, adjustment or modifications of this receiver and/or remote control are prohibited, except for changing the code setting or replacing the battery. THERE ARE NO OTHER USER SERVICEABLE PARTS.

Tested to Comply with FCC Standards FOR HOME OR OFFICE USE. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

SPECIFICATIONS

Output Rating.....5 Amps 28VAC or DC Max.

Power18V - 30V ~, 30mA, 60Hz
18 - 30V ---, 30mA

RF Frequency.....390MHz

If the power is other than shown in specifications, Accessory Transformer Model 85 or 95 is required.

Accessory Remote Controls — Series 900.