# CHAMBERLAIN ®

## Motion Detecting Control Panel

**FOR USE WITH GARAGE DOOR OPENERS MANUFACTURED AFTER JANUARY 1, 1995. This door control contains a motion detector that will automatically turn on the light when it detects a person entering the garage. This feature can be easily turned off for extended work light use.**
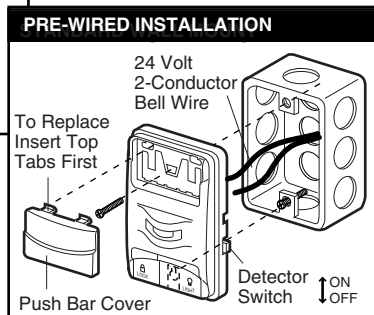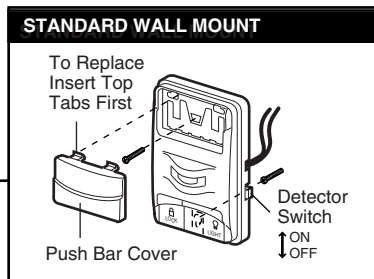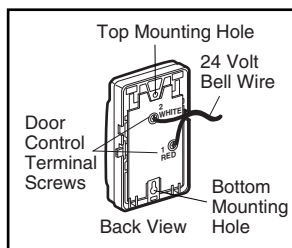
Locate the door control within sight of the door at a minimum height of 5 feet (1.5 m) where small children cannot reach, and away from moving parts of the door and door hardware.

*NOTE: After installation, an indicator light behind the cover will indicate proper connection. If not lit, the Lock and Light features will not function (reverse wires to correct).*

### INSTALLATION

The door control is typically attached directly to the wall. For pre-wired installations (as in new home construction), it can be mounted to a standard single gang box. See illustrations. If installing the door control adjacent to existing door controls, be sure the detector switch is accessible.

1. Disconnect power to the garage door opener.
2. Strip 7/16" (11 mm) of insulation from one end of bell wire and connect to the two screw terminals on back of door control by color: white wire to 2 and white/red wire to the 1.
3. Remove white cover by gently prying at slot in top of the cover with a small flat head screwdriver. Fasten with 6ABx1-1/4" self-tapping screws (drywall installation) or 6-32x1" machine screws (into gang box) as follows:
   • Drill and install bottom screw, allowing 1/8" (3 mm) to protrude above wall surface.
   • Position bottom of door control on screw head and slide down to secure. Adjust screw for snug fit.
   • Install top screw with care to avoid cracking plastic housing. **Do not overtighten.**
   • Insert top tabs and snap on cover.

### ⚡⚠ WARNING
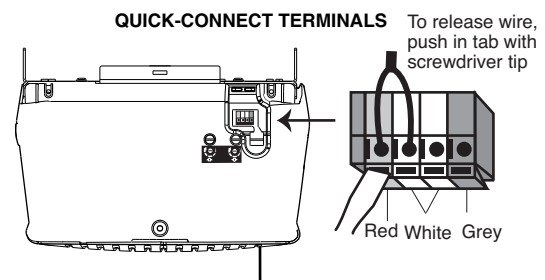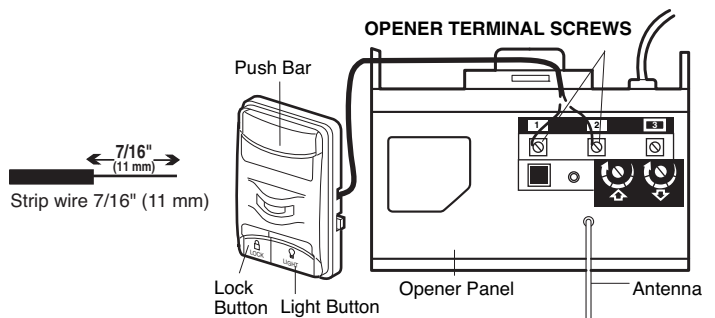
To prevent possible SERIOUS INJURY or DEATH from electrocution:
• Be sure power is not connected BEFORE installing door control.
• Connect ONLY to 24 VOLT low voltage wires.

To prevent possible SERIOUS INJURY or DEATH from a closing garage door:
• Install door control within sight of garage door, out of reach of children at a minimum height of 5 feet (1.5 m), and away from all moving parts of door.
• NEVER permit children to operate or play with door control push buttons or remote control transmitters.
• Activate door ONLY when it can be seen clearly, is properly adjusted, and there are no obstructions to door travel.
• ALWAYS keep garage door in sight until completely closed. NEVER permit anyone to cross path of closing garage door.

*NOTE: The push bar may stick if the door control is not mounted on a smooth surface. If a click is not heard when pressing the push bar, loosen the two mounting screws or relocate the door control to a smoother surface.*

4. *(Standard installation only)* Run bell wire up wall and across ceiling to motor unit. Use insulated staples to secure wire in several places. Do not pierce wire with a staple, creating a short or open circuit.
5. Strip 7/16" (11 mm) of insulation from end of bell wire. **For quick-connect terminals,** connect bell wire as follows: white to white and white/red to red. **For opener terminal screws,** connect white to 2 and white/red to 1.



OPENER TERMINAL SCREWS
Push Bar
Strip wire 7/16" (11 mm)
7/16" (11 mm)
Lock Button   Light Button   Opener Panel   Antenna



QUICK-CONNECT TERMINALS   To release wire, push in tab with screwdriver tip
Red   White   Grey



STANDARD WALL MOUNT
To Replace Insert Top Tabs First
Push Bar Cover
Detector Switch ↕ ON OFF

Top Mounting Hole
24 Volt Bell Wire
Door Control Terminal Screws
Back View
Bottom Mounting Hole

PRE-WIRED INSTALLATION
24 Volt 2-Conductor Bell Wire
To Replace Insert Top Tabs First
Push Bar Cover
Detector Switch ↕ ON OFF

*NOTE: When connecting multiple door controls to the opener, twist same color wires together. Insert wires into quick-connect holes: white to white and red/white to red, or for terminal screws: attach white to 2 and white/red to 1.*

*The automatic light feature will become functional 1-1/2 minutes after power is restored.*

## OPERATION

**Door Control Push Bar:** Press to open or close the door. Press again to reverse the door during the closing cycle, or to stop the door while it is opening.

**Light Feature:** Press the Light button to turn the opener light on or off. When the door is opened or closed, the light will remain on for 4-1/2 minutes. Press the Light button to turn it off sooner. The Light button will not control the opener light when the door is in motion. When using the opener lights as working lights, we recommend that you first disable the motion sensor. *See Automatic Light Override Feature, below.*

When used with openers manufactured after May 15, 1999, (check the date on the opener panel) the 4-1/2 minute interval can be changed to 1-1/2, 2-1/2, or 3-1/2 minutes as follows: Press and hold the Lock button until the light blinks (about 10 seconds). A single blink indicates that the timer is reset to 1-1/2 minutes. Repeat the procedure and the light will blink twice, resetting the timer to 2-1/2 minutes. Repeat again for a 3-1/2 minute interval, etc., up to a maximum of four blinks and 4-1/2 minutes.

**Automatic Light Feature:** The opener light will turn on automatically when a person enters the garage. When a person walks in front of the door control, the opener light will come on for five minutes, then shut off. This feature works by detecting body heat. It is more sensitive in front of the door control than at its sides, and works better as a person moves closer. It may not work in temperatures around 100°F (38°C).

To disable this feature, slide the Detector Switch on the right side of the door control down (off).

***Special note for older garage door openers:*** *If this door control is installed on an opener manufactured from January 1, 1995 to May 15, 1999, the following difference may apply: If the light is on when the opener is actuated, the light may go off for a moment, then turn on again as the detector senses you.*

**Automatic Light Override Feature:** We recommend that you disable the motion sensor when using the opener lights as working lights. Otherwise, they will turn off automatically if you are working beyond the sensor's range. Slide the Detector Switch on the right side of the door control down (off), then press the light button to control the lights.

**Lock Feature:** Designed to prevent operation of the door from handheld remote controls. However, the door will open and close from the Door Control, the Outside Keylock and Keyless Entry accessories.

*To activate:* Press and hold the Lock button for 2 seconds. The push bar light will flash as long as the lock feature is on.

*To turn off:* Press and hold the Lock button again for 2 seconds. The push bar light will stop flashing. Normal operation will resume. The Lock feature will also turn off whenever the "Learn" button on the motor unit panel is activated.