

Operation

IMPORTANT SAFETY INSTRUCTIONS

WARNING - To reduce the risk of severe injury or death:

1. READ AND FOLLOW ALL INSTRUCTIONS.
2. Never let children operate or play with door controls. Keep remote controls away from children.
3. Always keep moving door in sight and away from people and objects until it is completely closed. NO ONE SHOULD CROSS THE PATH OF THE MOVING DOOR.
4. Test door operator monthly. The garage door MUST reverse on contact with a 1-1/2 inch high object (or a 2 x 4 board laid flat) on the floor. After adjusting the limit of travel, retest the door. Failure to adjust operator properly may cause severe injury or death.
5. For products having an emergency disconnect, when possible, use the emergency disconnect only when the door is closed. Use caution when using the release with the door open. Weak or broken springs may allow the door to fall rapidly, causing severe injury or death.
6. KEEP GARAGE DOOR PROPERLY BALANCED. See owner's manual. An improperly balanced door could cause severe injury or death. Have a qualified service person make repairs to cables, spring assemblies, and other hardware.
7. **SAVE THESE INSTRUCTIONS.**

Door Activation

Upon activation by either wall station or transmitter, door will move in following manner:

1. If closed, door will open. If open, door will close.
2. If closing, door will stop, reverse, and return to open position. Next activation will close.
3. If opening, door will stop. Next activation will close.
4. If an obstruction is encountered or an out of balance condition is detected while closing, door will reverse, return to open position, and light fixture will flash three times. Next activation will close door.
5. If an obstruction is encountered or an out of balance condition is detected while opening, door will stop, and light fixture will flash three or four times. Next activation will close door.



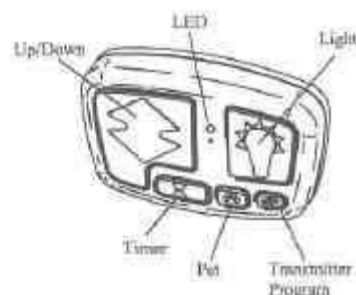
Never let children operate or play with door controls. Keep remote controls away from children. Fatal injury could result should a child become trapped between the door and the floor.



Always keep moving door in sight and away from people and objects until it is completely closed. To prevent serious injury or death, avoid standing in the open doorway or walking through the doorway while door is moving.

WALL STATION OPERATION

Momentarily pressing the **Up/Down button** activates the door. If a small out of balance condition causes the door to stop while opening or reverse while closing, applying constant pressure on the Up/Down button will allow the operator to move the door in this condition until the problem is corrected. See Troubleshooting Section.



If a gross out of balance condition causes the door to stop while opening, applying constant pressure on the Up/Down button will allow the operator to move the door up. This process can be repeated to open a door in this condition but the problem must be corrected. See Troubleshooting Section.

If a gross out of balance condition causes the door to stop while closing, the out of balance condition **MUST** be corrected before the door can be lowered by the operator. Constant pressure on the Up/Down button will not allow the door to be lowered in this condition. See Troubleshooting Section.

WARNING! Manually lower the door by back-driving; See MANUAL DOOR OPERATION - Back-driving. Avoid using the emergency disconnect to lower door. Weak or broken springs may allow the door to fall rapidly, causing severe injury or death.

Momentarily pressing the **light button** turns on the light fixture. The light fixture will remain on until either the light button is pressed again or the door is activated. The light fixture automatically turns on with door activation and remains on for 5 minutes thereafter. Pressing the light fixture button before the 5 minutes has elapsed will turn off the light fixture.

Momentarily pressing the **timer button** causes delayed activation of a stationary fully open door. The light fixture will flash for 8 seconds then stay constantly lit for 2 seconds prior to activating door. Allow enough time to exit the garage. Pressing any button, except for the program button while the light fixture is flashing cancels timer mode. **NOTE:** Timer feature will only function with door in fully open position. Pressing the timer button with a stationary door in any other position will cause the light fixture to flash four times and the door will not be activated. While the door is in motion, the timer button functions identically to the Up/Down button, stopping or reversing the door immediately.

Pressing the **pet button** activates a closed door and causes it to open to a position between 1 and 12 inches above the floor, allowing pets to enter and exit the garage without the door being fully open. Next door activation will cause the door to open. The pet feature will only function with the door in the fully closed position. Pressing the pet button with a stationary door in any other position will cause the light fixture to flash five times and the door will not be activated. While the door is in motion, the pet button functions identically to the Up/Down button stopping or reversing the door immediately. The pet feature allows for custom setting of the pet position door height. See Install Routine.

NOTICE: A door in the "pet position" (open 2" - 12") is not locked and should not be used as a secured door position. The DoorMaster automatic lock feature is functional only on a fully closed door.

The **transmitter program button** allows for custom programming of the transmitter controls or the addition of extra transmitter controls. See Transmitter Programming.

The wall station **LED** will light while any wall station button remains pressed. Rapid LED flashing while any wall station button is pressed indicates a weak wall station battery. See Maintenance section for battery replacement.

TRANSMITTER OPERATION

Momentarily pressing button programmed in Step 10 activates door. Small transmitter buttons can also be programmed to activate door, or in multi-door installations, each door or a combination of two buttons pushed together can be programmed to activate a different door. See Transmitter Programming for instructions.

The transmitter LED will light while any transmitter button remains pressed. Rapid LED flashing while any transmitter button is pressed indicates a weak transmitter battery. See Maintenance Section for battery replacement.



Test operator monthly. The garage door MUST reverse on contact with a 1-1/2 inch object (or a 2 x 4 board laid flat) on the floor. After adjusting the limit of travel, retest the door operator. Failure to adjust the operator properly may cause severe injury or death.



KEEP GARAGE DOOR PROPERLY BALANCED. See owner's manual. An improperly balanced door could cause severe injury or death. Have a qualified service person make repairs to cables, spring assemblies, and other hardware.

MANUAL DOOR OPERATION - Back-driving

NOTE: For security reasons, operator will automatically push door down if an attempt is made to manually raise door from a fully closed position, so always use emergency disconnect to manually raise door from closed position.

The operator's high efficiency drive system allows door to be moved manually without disconnecting operator from door. To move door manually, apply a steady upward or downward force of approximately forty pounds directly to stationary door to move door to desired position.

MANUAL DOOR OPERATION - Emergency Disconnect

The Emergency Disconnect should only be used when the door is closed. Do NOT use the Emergency Disconnect on an open door. Weak or broken springs may allow the door to fall rapidly, causing severe injury or death.

The operator is equipped with an emergency disconnect that allows door to be moved manually and independent from the operator. With door closed, pull on red disconnect handle, sliding handle underneath lower fork on handle bracket. This motion causes power head to disconnect from torque tube. Releasing handle from lower fork on handle bracket, releasing cable tension, causes power head to engage torque tube. When engaged, door can be moved manually by back-driving or automatically with wall station or transmitter controls.

NOTE: For security reasons, operator will attempt to push door down anytime door is moved manually from a closed position. With emergency disconnect disengaged, operator motor will run but not push the door once door is raised above two inches. The operator motor will stop once door is raised above seven inches. After this sequence, once disconnect is re-engaged, door will have to operated for at least one partial open and close cycle to reactivate security features.