

Package Includes



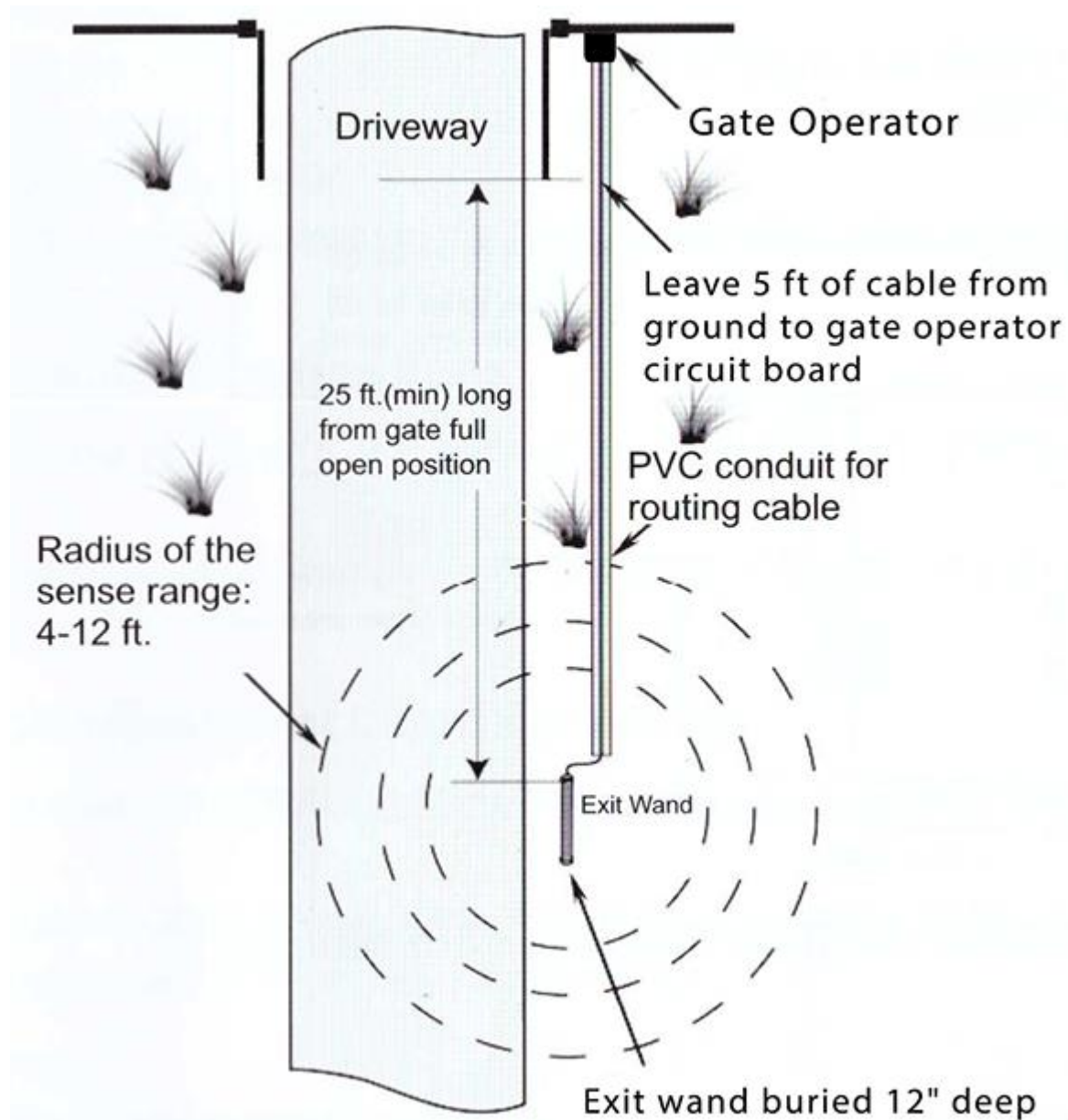
Determine the Location of the Wand

Note: Before you permanently install the exit wand, you should determine where to place the wand and prepare a PVC conduit to route the cable to the gate operator circuit board. The conduit protects the cable from water, lawn mowers, weed eaters and grazing animals.

The distance from the wand to the gate's full open position has to be more than 25 ft.

The radius of the sensing range is 4-12 ft, so install the wand near the driveway within that range to ensure the wand can sense the vehicle moving past it.

Leave 5 ft of cable from the ground to the gate operator circuit board. Thus, the distance from the wand to the control box should not exceed 45 ft.



Installation

Once the location of the wand has been determined, you can start installing the wand. Dig a hole approximately 12 inches deep and 24 inches long within 2 ft and parallel to the edge of the driveway.

Next, dig a trench from this hole to a spot under the gate operator circuit board to run the cable from the wand to the circuit board. The size of the trench is related to the size of the PVC conduit.

Keep the wand and the cable uncovered until testing has been completed.

Gate Opener Wiring Diagram

Located on the right side of your gate opener circuit board, connect the wires on the exit wand to the following terminals below.

- Black wire → 24V-COM
- Red wire → 24-VDC
- Blue wire → Exit Loop
- Green wire → SAFETY

Range Adjustment Board Connection (Optional)

Connect the YELLOW wire of the wand to the yellow wire of the range adjustment board.

Connect the GREEN wire of the range adjustment board to 24V-COM on the gate operator circuit board.

Testing

Please make sure there are no moving metal objects within the range of the sensor when the wand is first powered up and please wait 60 second for the wand to calibrate itself.

After installation and wiring, you must test the wand to see if it is working properly and see if the range needs adjusting for optimal performance.

Cover the wand and the cable (PVC conduit) after testing is finished and everything is working okay.

Troubleshooting

If the wand is not working:

- Make sure all wired connections are correct.
- Make sure the range adjustment is set at maximum range.
- Disconnect the power to the wand.
- Reconnect the power to the wand and make sure that no metal object or vehicle is moving around the wand for 60 seconds while it is calibrating.

NOTE: The wand may sense a bicycle, tricycle, or other equipment that includes a mass of metal that would activate the gate opener.