QUICKSTART “BASIC” GUIDELINES FOR MODEL 9200 “FULL OPEN”: MOUNTED ON THE PEDESTAL MOUNTING STAND

Fits on All 9200 Models.
Standard with 9230, 9235, 9240 and 9245 Models

Assemble Pedestal
Mounting Stand
See instruction sheet with pedestal kit for assembly.

Limit Switches

Caution:
Never attempt to manually operate the 9200 until you have verified that power has been shut-off.

Gain Access Inside Operator
Remove the 3 locknuts inside the electronic box to swing box open.

Move the idler wheels to the lower position.

Concrete Pad Dimensions, Pedestal
Mounting Stand and Conduit Positions

Concrete pad MUST be level!

Opening direction OFF setting.
Operator MUST be parallel to gate!

Concrete Pad
Dimensions, Pedestal
Mounting Stand and
Conduit Positions

11.75"
10.5"
4.5"

Concrete Pad
6.25"

Attache pedestal stand with sideners (16) 1/2” x 3” sleeve anchors (not supplied) after concrete pad has been poured and has cured.

Warning Signs
Permanently mount signs on BOTH sides of the gate area and make sure they are easily visible!

Side Views

“Optional” Chain Trap Kit
Recommended for gates longer than 20 ft. to support the weight of the chain.
DoorKing offers a chain tray and supporting brackets in 10 ft. sections to fit any length gate (DoorKing Part Number 2001-270, 10 ft. section). See instruction sheet with chain tray kit for installation.

Pad depth is determined by soil conditions and local building codes. Minimum depth is 18 inches. Reinforced concrete recommended.

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This vehicular gate operator is designed for Class III and Class IV applications only and must never be used in applications serving the general public.

For safety and installation instructions, please refer to the Installation/Owner’s manual.

Power safety and opening devices that require 115 VAC power.

Entrapment Protection must be provided for the gate system where the risk of entrapment or obstruction exists. The operator will NOT run without one or more mandatory-type B1 or B2 external entrapment protection devices in EACH direction of gate travel (minimum of 2 external devices required).

7. OFF
5. Auto-Close Timer
3. SPEED
6. DELAY
2. ON
1. DELAY

Plug-In Loop Detectors
Not included - Refer to the Installation/Owner’s manual AND Loop Information Manual (available from www.doorking.com for more information on loops and plug-in loop detectors.

Important Note: DoorKing highly recommends that loops and loop detectors are installed with this side gate operator. A loop detection system will prevent the gate from automatically opening or closing on a vehicle when it is in the gate’s path.

High Voltage Connection
GATE OPERATOR MUST BE PROPERLY GROUNDED!
Tip: It is recommended that a surge suppressor be installed on the high voltage power lines.

High Voltage AC Input Wire
VERIFY input AC power MATCHES your specific operator power BEFORE wiring!

Caution:
Damage could occur to gate and activate the appropriate limit switch from rotating.

1. Slow
2. Delay
3. Close
4. Open

DIP-Switches

Mode S MODE (Manual)
UTC MODE (Universal Command Thru Control)

Plug-In Loop Detectors

SW 1 and 2 are Upside-Down on Circuit Board.

Electr...
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### SW 1 DIP-Switches (Right Hand Side)

#### SW 1 - Right 8 Switches

<table>
<thead>
<tr>
<th>Switch</th>
<th>Function</th>
<th>Setting</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Changes the direction the operator will open/close the gate.</td>
<td>OFF</td>
<td>Open/Close Setting. Opening direction using ON setting. Lower Configuration.</td>
</tr>
<tr>
<td>2</td>
<td>Auto-Close Timer</td>
<td>OFF</td>
<td>Auto-close timer is OFF. Manual input required to close gate.</td>
</tr>
<tr>
<td>3</td>
<td>Exit Loop Port Output</td>
<td>OFF</td>
<td>The output wired to terminal #4 becomes the output from the loop detector installed in the EXIT loop port. Plug-in loop detector required for “OFF” function.</td>
</tr>
<tr>
<td>4 and 5</td>
<td>Relay Activation and LED Indicator</td>
<td>4-0FF 5-0FF</td>
<td>Relay activates and LED is ON when the gate is fully open. Relay activates and LED is ON when the gate is fully closed. Relay activates and LED is ON when the gate is opening and open. Relay activates and LED is ON when the gate is opening and closing. Relay activates and LED is ON when the gate is opening and close.</td>
</tr>
<tr>
<td>6</td>
<td>Warn Before Operate</td>
<td>OFF</td>
<td>Internal alarm will NOT sound.</td>
</tr>
<tr>
<td>7</td>
<td>Reverses Gate</td>
<td>OFF</td>
<td>Normal Setting. Input to terminal #6 and/or reverse loops will REVERSE gate during CLOSE cycle.</td>
</tr>
<tr>
<td>8</td>
<td>Quick-Close Timer Override</td>
<td>OFF</td>
<td>Opening gate will stop and begin to close as soon as all reversing inputs (Reverse loops, photo sensors) are cleared regardless of the distance the gate has opened.</td>
</tr>
</tbody>
</table>

### SW 2 DIP-Switches (Left Hand Side)

#### SW 2 - Left 3 Switches

<table>
<thead>
<tr>
<th>Switch</th>
<th>Function</th>
<th>Setting</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Self-Test</td>
<td>OFF</td>
<td>Normal Setting. Normal gate operation.</td>
</tr>
<tr>
<td>2</td>
<td>Gate Opens Uphill</td>
<td>OFF</td>
<td>Normal Setting. Normal gate operation. MUST be ON if gate opens UPHILL.</td>
</tr>
<tr>
<td>3</td>
<td>Gate Opens Downhill</td>
<td>OFF</td>
<td>Normal Setting. Normal gate operation. MUST be ON if gate opens DOWNHILL.</td>
</tr>
</tbody>
</table>

Note: After a DIP-switch setting is changed, power must be turned OFF and then turned back on for the new setting to take affect.