QUICKSTART “BASIC” GUIDELINES FOR MODEL 1175 - FOR OVERHEAD GATE/DOOR UP TO 14 FEET HIGH AND 25 FEET WIDE

Assemble Operator
Secure rails to powerhead assembly with 4 bolts, nuts and lock washers.
Chain must not rub on steel rail separators.
Route chain around gear reducer’s sprocket and through unlocked carriage assembly. Connect chain together with double master link.

Mount Operator
Install the gate/door bracket “centered” on the top rail of the gate/door by bolting or welding. Center the header bracket above the top of the gate/door bracket a minimum of 2.5 inches from the bottom of the header bracket. Check the gate/door’s opening swing path, some gate/doors will swing open higher than the bottom of the header and could hit the rails if they are mounted too low. Mount header bracket with lag bolts, anchor sleeves or welding to header.

Chain Tension Adjustment
Always adjust both sides of rails evenly.

Limit Switches
1. Push and hold locking plate tab to adjust limit nuts at full open and full close gate/door positions.

Model 1175 is intended for installation only on overhead gate/door used for vehicles. Pedestrians must be supplied with a separate access opening. For safety and installation instructions, please refer to the owner’s manual.

Limit Switches
1. Push and hold locking plate tab to adjust limit nuts at full open and full close gate/door positions.

Board Adjustments
After DIP-switches are changed, power must be shut-off, and turned back on for new settings.

Auto Close Timer
When SW1, switch 4 is turned ON, automatic timer can be set from 1-23 seconds to automatically close gate/door.

115 VAC Connection
Tip: It is recommended that a surge suppressor be installed on the high voltage power lines.

Set Reverse Sensor
Secondary reverse sensor is NOT used.
Counter-clockwise INCREASES the reverse sensitivity.
Clockwise DECREASES the reverse sensitivity.

Installation of ONE MONITORED external entrapment protection device MUST be installed in the DOWN direction or operator WILL NOT function. See reverse side

Entrapment Protection
Installation of ONE MONITORED external entrapment protection device MUST be installed in the DOWN direction or operator WILL NOT function. See reverse side

Opening Devices
Radio Receiver Not included - Refer to a specific Radio Receiver Manual (available from www.doorking.com) for more information on radio receivers and antenna installation. (See reverse side for wiring)
3-Button Control Station Not included - Refer to Manual for specific installation and included warning label placement. (See reverse side for wiring)

Loop Detectors
Not included - Refer to the Owner’s manual and Loop Information Manual (available from www.doorking.com) for more information on loops and loop detectors.

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QUICKSTART “BASIC” GUIDELINES FOR MODEL 1175 - DIP-SWITCH AND WIRING REFERENCE

Installation of ONE EXTERNAL entrapment protection MONITORED device

Photo sensors must use Normally Closed (NC) contacts. Some manufacturer's photo sensor contacts are labeled as Normally Open (NO) but their relay functions the same way as described above. See specific manufacturer's wiring manual for more information about their specific relay function.

Installation of ONE EXTERNAL entrapment protection MONITORED device MUST be installed in the DOWN direction or operator WILL NOT function.

IMPORTANT: Photo sensors must use Normally Closed (NC) contacts and must be set for light operate (relay activated when beam is not obstructed). Some manufacturer's photo sensor contacts are labeled as Normally Open (NO) but their relay functions the same way as described above. See specific manufacturer's wiring manual for more information about their specific relay function.

Non-Contact Sensor (Type B1)

Typical Vehicles (Single Beam) - 3-Button Control Station

 gate will normally open when this device is activated by authorized personnel only (fire, police, EMS) and operator has power. Alarm will sound for entire open cycle. Operator will then go into a hard stop, allowing access to the gate/door.

IMPORTANT: Controls intended for motor operators must be located at least six (6) feet away from any moving part of the gate/door and where the user is prevented from reaching over, under, around or through the gate/door to operate the controls. Emergency access controls only accessible by authorized personnel (e.g., fire, police, EMS) may be placed at any location in the line-of-sight of the gate/door.

4-Pin Non-Removable Terminal

2-Button Control Station MUST be at least 5 ft. above the door and 6 ft. away from gate operators in the line-of-sight of the moving gate/door. Warning label is required to be located next to the control station. See manual for more information.

20-Pin Main Terminal

Type of wiring to be used on ALL external devices:

A) Type 422, CEB, CLE, or CL2

B) Other cable with equivalent or better electrical, mechanical, and thermal properties ratings.

Gate Tracker - Driveway Access Control System (Model 1933, 1930, 1931 or 1932) tracker system can be connected. This system can keep track of gate operators in multiple locations. For more information, refer to the Gate Tracker Installation and Wiring Manual, DoorKing P/N 4588-008.

WARNING: INSTRUCTIONS INDICATE THAT ALL OPERATORS MUST BE POWERED AT MINIMUM 19.5V AC or DC, 20 Amps maximum, operator power. On 4-wire, or 3-button systems, operator power is supplied from the terminal 4 wire. On 2-wire (N.C.) system, operator power is supplied from the terminal 2 wire. On 3-button systems, operator power is supplied from the terminal 4 wire. On 2-wire (N.C.) system, operator power is supplied from the terminal 2 wire. On 3-button systems, operator power is supplied from the terminal 4 wire. On 2-wire (N.C.) system, operator power is supplied from the terminal 2 wire. On 3-button systems, operator power is supplied from the terminal 4 wire. On 2-wire (N.C.) system, operator power is supplied from the terminal 2 wire.

20-Pin Main Terminal

Type of wiring to be used on ALL external devices:

A) Type 422, CEB, CLE, or CL2

B) Other cable with equivalent or better electrical, mechanical, and thermal properties ratings.

4-Pin Non-Removable Terminal

2-Button Control Station MUST be at least 5 ft. above the door and 6 ft. away from gate operators in the line-of-sight of the moving gate/door. Warning label is required to be located next to the control station. See manual for more information.

20-Pin Main Terminal

Type of wiring to be used on ALL external devices:

A) Type 422, CEB, CLE, or CL2

B) Other cable with equivalent or better electrical, mechanical, and thermal properties ratings.

Gate Tracker - Driveway Access Control System (Model 1933, 1930, 1931 or 1932) tracker system can be connected. This system can keep track of gate operators in multiple locations. For more information, refer to the Gate Tracker Installation and Wiring Manual, DoorKing P/N 4588-008.