## QUICKSTART "BASIC" GUIDELINES FOR 115 VAC STANDARD OR DELUXE CONTROL BOX FOR 6002, 6003, 6004 AND 6400



Inglewood, California 90301

## Circuit Board Settings

Typical Settings with Plug-In Reverse, Shadow and Exit Loops 1. Direction **Primary** operator opens.

. Direction **Secondary** operator opens . Open Input . Auto-Close Timer R

. Standard Reverse 6. Overlapping Gates 7. Single/Dual Operators Adjust 1 to 23 sec.

SW 1 8. OFF 

٠.

4

SW 2

. Relay Control

Note: Please refer to the Wiring/Owner's manual.

#### Plug-In Loop Detectors

Not included - Refer to the Wiring/Owner's manual AND Loop Information Manual (available from www.dkaccess.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 gate operator. A loop detection system will preventing the gate from automatically opening or closing on a vehicle when it is in the gate's path.

#### Radio Receiver

Not included - Refer to a specific Radio Receiver Manual (available from www.dkaccess.com) for more information on radio receivers and antenna installation.

### **Battery Plug**

#### **CAUTION**

Do not connect the battery plug to the circuit board until power is needed to test the operator.

### **115 VAC Connection**

# ?\ DANGER

#### C HIGH VOLTAGE!

White - Neutral Black - 115 VAC Hot

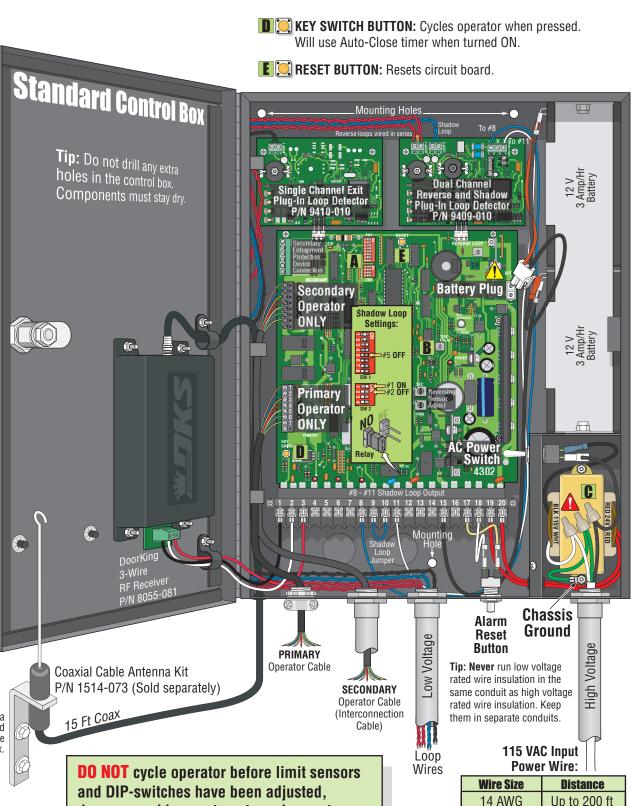
Green - Chassis Ground

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

CONTROL BOX MUST BE

PROPERLY GROUNDED!!

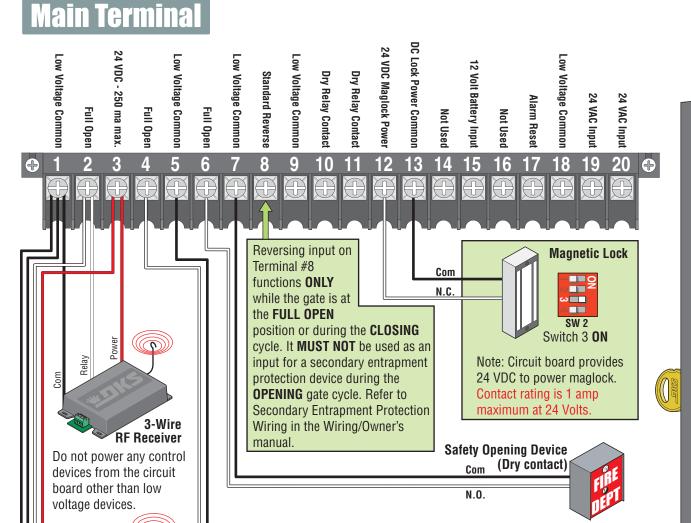
**Note:** To turn-off **ALL** power to the operator, the AC power switch must be turned off **AND** the battery plug must be disconnected from the circuit board



Control box is intended for installation only on automated gates used for vehicles.

For safety and complete installation and adjustment instructions, please refer to the Wiring/Owner's manual.

Pedestrians must be supplied with a separate access opening.



Connect optional control devices to the main terminal. Use 18 AWG wire for all low voltage wiring, maximum distance 3000 feet. Use a low voltage surge suppressor, (DoorKing P/N 1878-010) if low voltage wire runs exceed 1000 feet. All control device inputs to the terminal must be NORMALLY OPEN.

Relay

4-Wire

Box

RF Receiver

**Three 115 VAC Convenience Outlets** 

Controls must be far Deluxe Control with the gate while

enough from the gate so that the user is prevented from coming in contact operating the controls.

Com N.O. Telephone Entry Note: Must use a

Com

N.O.

N.O.

Keypad

(Dry contact)

**Key Switch** 

(Dry contact)

Switch 3 MUST be

3 ....

SW 1

ON.

Antenna mounted outside control box

damage could occur to gate and operator. Please refer to the Wiring/Owner's manual for the 115 VAC Control boxes.

Black to transformer's black (Hot). White to transformer's white (Neutral) Green to chassis ground.

12 AWG

Bevond 200 ft

Power safety and opening devices separate power source. that require 115 VAC power. Copyright 2011 DoorKing, Inc. All rights reserved

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