

**The actuators and accessories on the following pages are to be used with LCN automatic operators. When using actuators supplied by others, such as card readers, consult the factory.**

The desired function, traffic patterns and physical design of the opening will determine the type of actuators used. Generally, for twoway traffic, an actuator is required on both the interior and exterior side of the door. Each actuator is packaged with a decal to be applied to the controlled door. Scanners operate on 12V or 24V AC/DC and may be powered by the LCN electrohydraulic/electromechanical operators. The 7900 series control box requires separate power supply for scanners. Actuators provide normally open (N.O.) dry contacts.

### Automatic Operator Actuators & Accessories



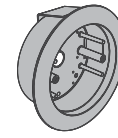
**8310-856**  
Wall Mounted Actuator

- Hardwired low voltage actuator with round, stainless steel touch plate in 4-1/2" (114mm) diameter
- Engraved blue filled handicap symbol conforms to most accessibility codes
- Designed to mount in a flush or surface mount box (sold separately) in/on a vertical surface near the controlled door
- Optional mounting in single gang electrical box (by others)
- Heavy industrial grade components provide vandal resistant mounting and weather resistant switch standard



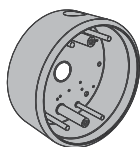
**8310-856T**  
Wall Mounted Actuator

- Same as the 8310-856, with the added engraving of "Push to Open"



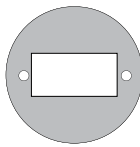
**8310-868F**  
Flush Mount Box

- Rugged Plastic Box, 4-1/2" Round
- Optional accessory - can be used w/any 4-1/2" round actuator



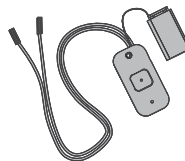
**8310-868S**  
Surface Mount Box

- Rugged Plastic Box, 4-1/2" Round
- Optional accessory - can be used w/any 4-1/2" round actuator



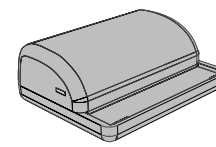
**8310-800**  
Weather/Trim Ring

- Weather/Trim Ring, 4-1/2" Round
- Optional accessory - must be used w/any 4-1/2" round plastic mounting box



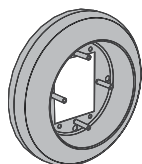
**8310-844**  
Transmitter

- Transmitter, Wireless, 1 Channel, 9v battery included
- Use to convert standard wall mount actuator to wireless
- Requires 8310-865 Receiver



**8310-865**  
Receiver

- Receiver, Wireless, 1 Channel, w/ Sequencing Feature
- Used in conjunction w/ Wireless Actuators & Transmitter(s)



**8310-874**  
Escutcheon

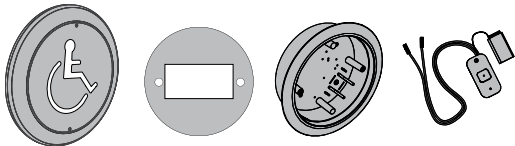
- Tapered stainless steel escutcheon covers the gap between the wall and the back of the wall plate actuators when mounted in electrical boxes (by others) to minimize cart damage or vandalism
- Optional accessory - can be used w/any 4-1/2" round actuator
- Not to be used with wireless function

## 8310 Series

Auto Operator  
Actuators &  
Accessories

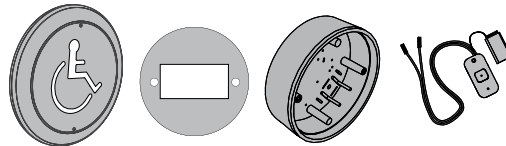
4-1/2" Surface and Flush  
Mounts

### Automatic Operator Actuators & Accessories



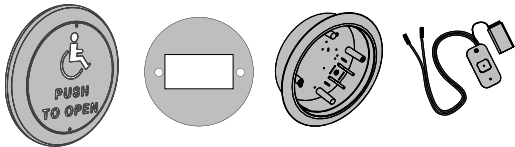
**8310-3856WF**  
Flush Mount Kit

- Actuator, 4-1/2" Round, Logo, Wireless
- Includes 8310-856 Actuator, 8310-844 Transmitter, 8310-868F Flush Box, 8310-800 Weather/Trim Ring
- Requires 8310-865 Receiver (not part of kit)



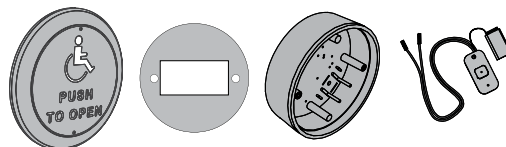
**8310-3856WS**  
Surface Mount Kit

- Actuator, 4-1/2" Round, Logo, Wireless
- Includes 8310-856 Actuator, 8310-844 Transmitter, 8310-868S Surface Box, 8310-800 Weather/Trim Ring
- Requires 8310-865 Receiver (not part of kit)



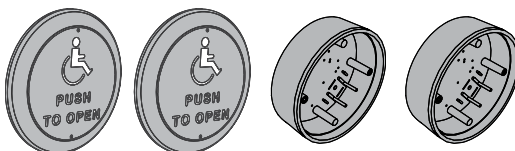
**8310-3856TWF**  
Flush Mount Kit

- Actuator, 4-1/2" Round, Logo, Text, Wireless,
- Includes 8310-856T Actuator, 8310-844 Transmitter, 8310-868F Flush Box, 8310-800 Weather/Trim Ring
- Requires 8310-865 Receiver (not part of kit)



**8310-3856TWS**  
Surface Mount Kit

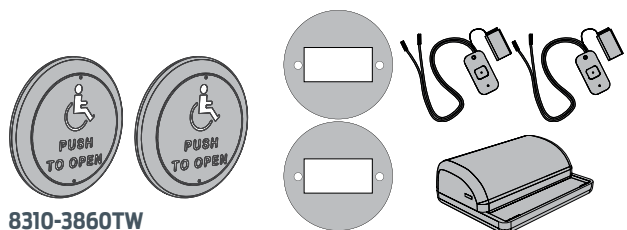
- Actuator, 4-1/2" Round, Logo, Text, Wireless,
- Includes 8310-856T Actuator, 8310-844 Transmitter, 8310-868S Surface Box, 8310-800 Weather/Trim Ring
- Requires 8310-865 Receiver (not part of kit)



**8310-3860T**  
Surface Mount Kit

- Actuator Package, 4-1/2" Round
- Includes 8310-856T (2) Wall Mount Actuator, 8310-868S Surface Mount Box.

*NOTE: Weather/Trim Rings are sold separately*



**8310-3860TW**  
Surface Mount Kit

- Actuator Package, 4-1/2" Round, Wireless
- Includes 8310-856T (2) Wall Mount Actuator, 8310-868S (2) Surface Mount Box, 8310-800 (2) Weather/Trim Ring, 8310-844 (2) Transmitter, 8310-865 Receiver

### Automatic Operator Actuators & Accessories



**8310-852**  
Wall Mounted Actuator

- Hardwired low voltage actuator with round, stainless steel touch plate in 6" (152mm) diameter
- Engraved blue filled handicap symbol conforms to most accessibility codes
- Designed to mount in a flush or surface mount box (sold separately) in/on a vertical surface near the controlled door
- Optional mounting in single gang electrical box (by others) or double gang box (4" x 4" by others)
- Heavy industrial grade components provide vandal resistant mounting and weather resistant switch standard.



**8310-852T**  
Wall Mounted Actuator

- Same as the 8310-852, with the added engraving of "Push to Open"



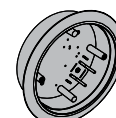
**8310-852WP**  
Wall Mounted Actuator

- Wireless, low profile, low voltage actuator with round, stainless steel touch plate in 6" (152mm) diameter
- Engraved blue filled handicap symbol conforms to most accessibility codes
- Surface mount box includes integral transmitter w/ battery and actuator switch
- Heavy industrial grade components provide vandal resistant mounting and weather resistant switch standard
- Requires 8310-865 Receiver



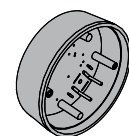
**8310-852TWP**  
Wall Mounted Actuator

- Same as the 8310-852WP, with the added engraving of "Push to Open"



**8310-869F**  
Flush Mount Box

- Rugged Plastic Box, 6" Round
- Optional accessory - can be used w/ any 6" round actuator



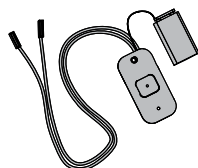
**8310-869S**  
Surface Mount Box

- Rugged Plastic Box, 6" Round
- Optional accessory - can be used w/ any 6" round actuator



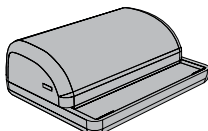
**8310-802**  
Weather/Trim Ring

- Plastic Weather/Trim Ring, 6" Round
- Optional accessory - can be used w/ any 6" round plastic mounting box.



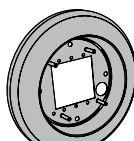
**8310-8/444**  
Transmitter

- Transmitter, Wireless, 1 Channel, 9v battery included
- Use to convert standard wall mount actuator to wireless
- Requires 8310-865 Receiver



**8310/-865**  
Receiver

- Receiver, Wireless, 1 Channel, w/ Sequencing Feature
- Used in conjunction w/ Wireless Actuators & Transmitter(s)



**8310-876**  
Escutcheon

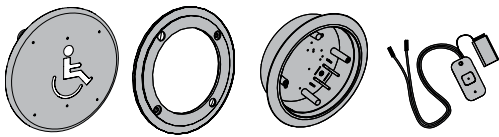
- Tapered stainless steel escutcheon covers the gap between the wall and the back of the wall plate actuators when mounted in electrical boxes (by others) to minimize cart damage or vandalism
- Optional accessory - Can be used w/ any 6" round actuator
- Not to be used with wireless function

## 8310 Series

Auto Operator  
Actuators &  
Accessories

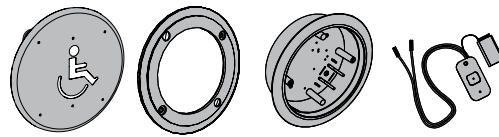
6" Surface and Flush  
Mounts

### Automatic Operator Actuators & Accessories



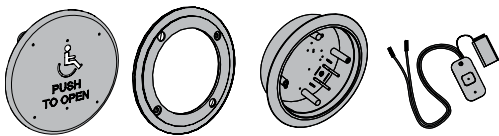
**8310-3852WF**  
Flush Mount Kit

- 6" Round, Logo, Wireless
- Includes 8310-852 Actuator, 8310-844 Transmitter, 8310-869F Flush Box, 8310-802 Weather/Trim Ring
- Requires 8310-865 Receiver (not part of kit)



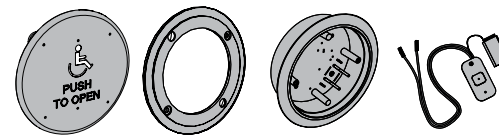
**8310-3852WS**  
Surface Mount Kit

- 6" Round, Logo, Wireless,
- Includes 8310-852 Actuator, 8310-844 Transmitter, 8310-869S Surface Box, 8310-802 Weather/Trim Ring
- Requires 8310-865 Receiver (not part of kit)



**8310-3852TWF**  
Flush Mount Kit

- 6" Round, Logo, Text, Wireless,
- Includes 8310-852T Actuator, 8310-844 Transmitter, 8310-869F Flush Box, 8310-802 Weather/Trim Ring
- Requires 8310-865 Receiver (not part of kit)



**8310-3852TWS**  
Surface Mount Kit

- 6" Round, Logo, Text, Wireless,
- Includes 8310-852T Actuator, 8310-844 Transmitter, 8310-869S Surface Box, 8310-802 Weather/Trim Ring
- Requires 8310-865 Receiver (not part of kit)

NOTE: LCN recommends for all jamb mount actuators be used on an interior installation only.

### Automatic Operator Actuators & Accessories



**8310-818**  
Jamb Mounted Actuator

- Hardwired low voltage actuator with rectangular stainless steel touch plate.
- 1-1/2" (38mm) wide by 4-3/4" (121mm)
- Engraved blue filled handicap symbol conforms to most accessibility codes
- Designed to mount in a frame cutout (template provided) projecting approximately 1/2" (12mm) from the frame
- Optional mounting in surface or flush mount box (sold separately)
- Heavy industrial grade components provide vandal resistant mounting and weather resistant switch standard



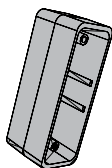
**8310-818T**  
Jamb Mounted Actuator

- Same as the 8310-818, with the added engraving of "Push to Open"



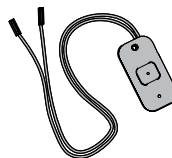
**8310-819F**  
Flush Mount Box

- Rugged Plastic Jamb Box
- 1-1/2" x 4-3/4" rectangle, optional accessory - can be used w/ any 1-1/2" x 4-3/4" jamb mount actuator



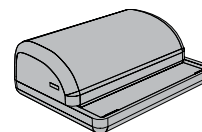
**8310-819S**  
Surface Mount Box

- Rugged Plastic Jamb Box
- 1-1/2" x 4-3/4", rectangle
- Optional accessory - can be used w/ any 1-1/2" x 4-3/4" jamb mount plastic mounting box



**8310-844J**  
Transmitter

- Wireless, 1 Channel, Jamb Mount, 3v battery included
- Used to convert standard jamb mount actuator to wireless when used w/ 819F or 819S boxes. Requires 8310-865 Receiver (interior use only)



**8310-865**  
Receiver

- Wireless, 1 Channel, w/ Sequencing Feature
- Used in conjunction w/ Wireless Actuators & Transmitter(s)

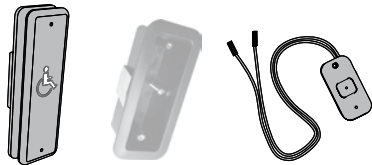
## 8310 Series

Auto Operator  
Actuators &  
Accessories

1-1/2" x 4-3/4" Surface  
and Flush Mounts

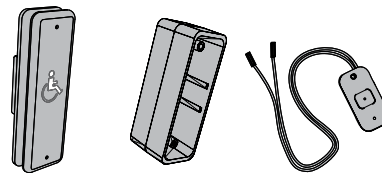
*NOTE: LCN recommends for all jamb mount actuators be used on an interior installation only.*

### Automatic Operator Actuators & Accessories



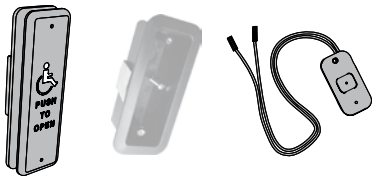
**8310-3818WF**  
Flush Mount Kit

- Actuator, 1-1/2" x 4-3/4" Rectangle, Logo, Wireless
- Includes 8310-818 Actuator, 8310-844J Transmitter, 8310-819F Flush Box
- Requires 8310-865 Receiver (not part of kit)



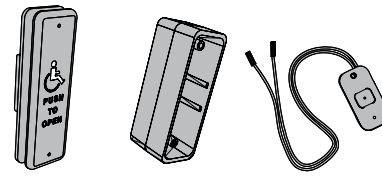
**8310-3818WS**  
Surface Mount Kit

- Actuator, 1-1/2" x 4-3/4" Rectangle, Logo, Wireless
- Includes 8310-818 Actuator, 8310-844J Transmitter, 8310-819S Surface Box
- Requires 8310-865 Receiver (not part of kit)



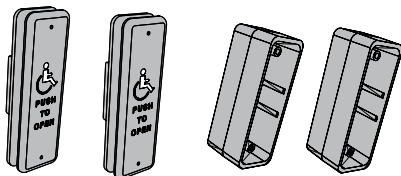
**8310-3818TWF**  
Flush Mount Kit

- Actuator, 1-1/2" x 4-3/4" Rectangle, Logo, Wireless
- Includes 8310-818T Actuator, 8310-844J Transmitter, 8310-819F Flush Box
- Requires 8310-865 Receiver (not part of kit)



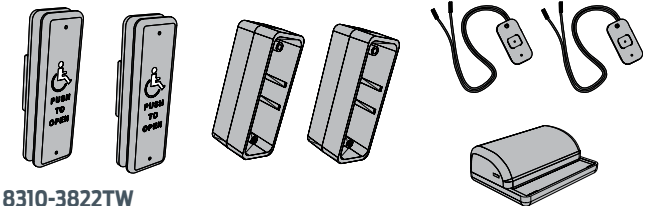
**8310-3818TWS**  
Surface Mount Kit

- Actuator, 1-1/2" x 4-3/4" Rectangle, Logo, Wireless
- Includes 8310-818T Actuator, 8310-844J Transmitter, 8310-819S Surface Box
- Requires 8310-865 Receiver (not part of kit)



**8310-3822T**  
Surface Mount Kit

- Actuator Package, 1-1/2" x 4-3/4", Jamb Mount
- Includes 8310-818T (2) Jamb Mount Actuator, 8310-819S (2)
- Surface Mount Box



**8310-3822TW**  
Surface Mount Kit

- Actuator Package, 1-1/2" x 4-3/4", Wireless, Jamb Mount
- Includes 8310-818T (2) Jamb Mount Actuator, 8310-819S (2)
- Surface Mount Box, 8310-844J (2) Jamb Mount Transmitter, 8310-865 Receiver

### Automatic Operator Actuators & Accessories



**8310-853**  
Wall Mounted Actuator

- Hardwired low voltage actuator with stainless steel touch plate in 4-3/4" (121mm) square
- Engraved blue filled handicap symbol conforms to most accessibility codes
- Designed to mount in a flush or surface mount box (sold separately) in/on a vertical surface near the controlled door
- Optional mounting in single gang electrical box (by others) or double gang box (4" x 4" by others) or on an 8310-866 bollard post
- Heavy industrial grade components provide vandal resistant mounting and weather resistant switch standard



**8310-853T**  
Wall Mounted Actuator

- Same as the 8310-853, with the added engraving of "Push to Open"



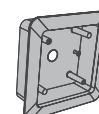
**8310-853WP**  
Surface Mounted Actuator

- Wireless, low profile, low voltage actuator with square, stainless steel touch plate in 4-3/4" (121mm) square
- Engraved blue filled handicap symbol conforms to most accessibility codes
- Surface mount box includes integral transmitter w/ battery and actuator switch
- Heavy industrial grade components provide vandal resistant mounting and weather resistant switch standard
- Requires 8310-865 Receiver



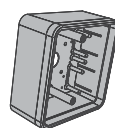
**8310-853TWP**  
Surface Mounted Actuator

- Same as the 8310-853WP, with the added engraving of "Push to Open"



**8310-867F**  
Flush Mount Box

- Rugged Plastic Box
- 4-3/4" Square
- Optional accessory - can be used w/ any 4-3/4" square actuator



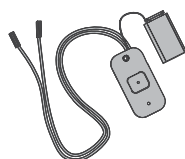
**8310-867S**  
Surface Mount Box

- Rugged Plastic Box, 4-3/4" Square
- Optional accessory - can be used w/ any 4-3/4" square actuator



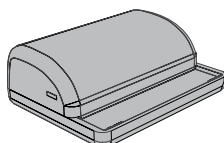
**8310-801**  
Weather/Trim Ring

- Plastic Weather Ring, 4-3/4" Square
- Optional accessory - can be used w/ any 4-3/4" square plastic mounting box



**8310-844**  
Transmitter

- Wireless, 1 Channel, 9v battery included
- Use to convert standard wall mount actuator to wireless
- Requires 8310-865 Receiver



**8310-865**  
Receiver

- Wireless, 1 Channel, w/ Sequencing Feature
- Used in conjunction w/ Wireless Actuators & Transmitter(s)



**8310-813**  
Touchless Wall Mounted Actuator

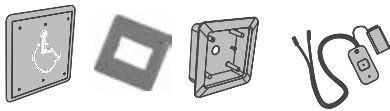
- Hardwired low voltage actuator with plastic plate in 4-3/4" (121mm) square
- Optional mounting in single gang electrical box (by others) or double gang box (4" x 4" by others)

## 8310 Series

Auto Operator  
Actuators &  
Accessories

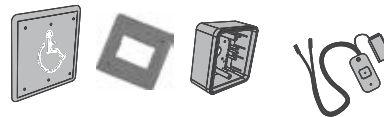
4-3/4" Square Surface  
and Flush Mounts

### Automatic Operator Actuators & Accessories



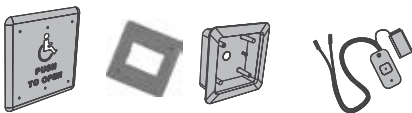
#### 8310-3853WF Flush Mount Kit

- Actuator, 4-3/4" Square, Logo, Wireless
- Includes 8310-853, 8310-844 Transmitter, 8310-867F Flush Box, 8310-801 Weather/Trim Ring
- Requires 8310-865 Receiver (not part of kit)



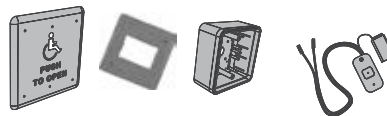
#### 8310-3853WS Surface Mount Kit

- Actuator, 4-3/4" Square, Logo, Wireless
- Includes 8310-853, 8310-844 Transmitter, 8310-867S Surface Box, 8310-801 Weather/Trim Ring
- Requires 8310-865 Receiver (not part of kit)



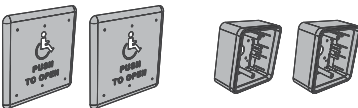
#### 8310-3853TWF Flush Mount Kit

- Actuator, 4-3/4" Square, Logo, Text, Wireless
- Includes 8310-853T, 8310-844 Transmitter, 8310-867F Flush Box, 8310-801 Weather/Trim Ring
- Requires 8310-865 Receiver (not part of kit)



#### 8310-3853TWS Surface Mount Kit

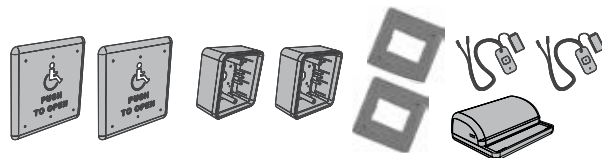
- Actuator, 4-3/4" Square, Logo, Text, Wireless
- Includes 8310-853T, 8310-844 Transmitter, 8310-867S Surface Box, 8310-801 Weather/Trim Ring
- Requires 8310-865 Receiver (not part of kit)



#### 8310-3857T Surface Mount Kit

- Actuator Package, 4-3/4" Square
- Includes 8310-853T (2) Wall Mount Actuator, 8310-867S (2)
- Surface Mount Box

NOTE: Weather/Trim Rings are sold separately



#### 8310-3857TW Surface Mount Kit

- Actuator Package, 4-3/4" Square
- Includes 8310-853T (2) Wall Mount Actuator, 8310-867S (2) Surface Mount Box, 8310-801 (2) Weather/Trim Ring, 8310-844 (2) Transmitter, 8310-865 Receiver

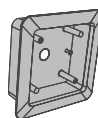


#### Automatic Operator Actuators & Accessories



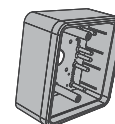
##### 8310-855 Dual Wall Mounted Actuator

- Hardwired low voltage actuator with dual rectangle, stainless steel touch plate in 4-3/4" (121mm) square
- Engraved blue filled handicap symbol w/ text, conforms to most accessibility codes
- Designed to mount in a flush or surface mount box (sold separately) in/on a vertical surface near the controlled door
- Optional mounting in double gang box (4" x 4" by others) or on an 8310-866 bollard post
- Heavy industrial grade components provide vandal resistant mounting and weather resistant switch standard



##### 8310-867F Flush Mounted Actuator

- Rugged Plastic Box, 4-3/4" Square
- Optional accessory - can be used w/ any 4-3/4" square actuator



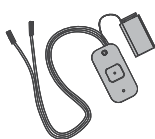
##### 8310-867S Surface Mount Box

- Rugged Plastic Box, 4-3/4" Square
- Optional accessory -can be used w/ any 4-3/4" square actuator



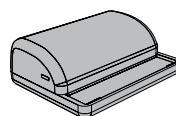
##### 8310-801 Weather/Trim Ring

- Plastic Weather Ring, 4-3/4" Square
- Optional accessory - can be used w/ any 4-3/4" square plastic mounting box



##### 8310-844 Transmitter

- Transmitter, Wireless, 1 Channel, 9v battery included
- Use to convert standard wall mount actuator to wireless
- Requires 8310-865 Receiver



##### 8310-865 Receiver

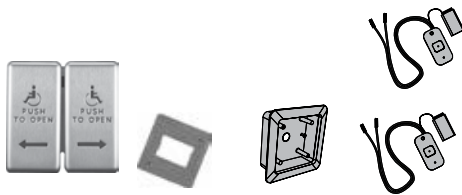
- Receiver, Wireless, 1 Channel, w/ Sequencing Feature
- Used in conjunction w/ Wireless Actuators & Transmitter(s)

## 8310 Series

Auto Operator  
Actuators &  
Accessories

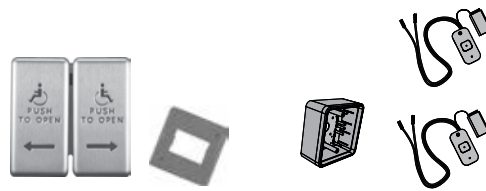
4-3/4" Dual Square  
Surface and Flush Mounts

### Automatic Operator Actuators & Accessories



#### 8310-3855WF Flush Mount Kit

- Actuator, 4-3/4" Square, Logo, Text, Dual Vestibule, Wireless
- Includes 8310-855 Actuator, 8310-844 Transmitter (2), 8310-867F Flush Box, 8310-801 Weather/Trim Ring
- Requires 8310-865 Receiver (2) (not part of kit)



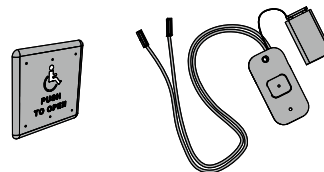
#### 8310-3855WS Surface Mount Kit

- Actuator, 4-3/4" Square, Logo, Text, Dual Vestibule, Wireless
- Includes 8310-855 Actuator, 8310-844 Transmitter (2), 8310-867S Surface Box, 8310-801 Weather/Trim Ring
- Requires 8310-865 Receiver (2) (not part of kit)



#### 8310-3853WB Actuator, Bollard Mount Kit

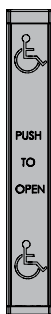
- 4-3/4" Square w/ Logo, Wireless actuator
- Use w/ 8310-866 Bollard (not included) - Includes 8310- 853 actuator, 8310-844 transmitter
- Requires 8310-865 Receiver (not part of kit)



#### 8310-3853TWB Actuator, Bollard Mount Kit

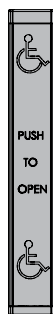
- 4-3/4" Square w/ Logo, Text, Wireless actuator
- Use w/8310-866 Bollard (not included) - Includes 8310- 853T actuator, 8310-844 Transmitter
- Requires 8310-865 Receiver (not part of kit)

## Automatic Operator Actuators & Accessories



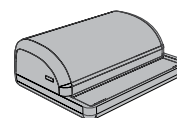
**8310-836T**  
Full Length Actuator (FLA)

- Hardwired low voltage actuator with stainless steel touch plate with 36" x 6" activation surface
- Blue handicap symbol conforms with most accessibility codes
- Added "PUSH TO OPEN" lettering for enhanced identification
- Designed to meet California building codes and increase accessibility for wheelchair bound entrants
- Can easily be mounted to any flat surface or a bollard post



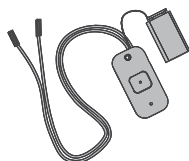
**8310-836TW**  
Flush Length Actuator (FLA)

- Same as the 8310-836T with a built in wireless transmitter and 3v battery
- Use in conjunction with 8310-865 Receiver (not included)



**8310-865**  
Receiver

- Wireless, 1 Channel, w/Sequencing Feature
- Used in conjunction w/ Wireless Actuators & Transmitter(s)



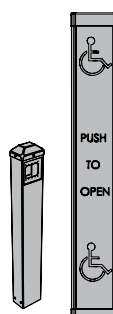
**8310-844**  
Transmitter

- Wireless, 1 Channel, 9v Battery included.
- Used to convert standard actuators to wireless
- Requires 8310-865 Receiver
- Recommended for exterior application with 8310-836T
- Used with the 866FLA bollard post



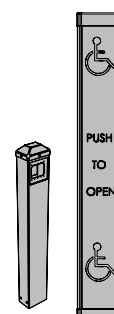
**8310-866FLA**  
FLA Bollard Post

- A powder coated steel 42" x 4" x 6": Bollard Post, mounting base pre prepped for the 8310-836T
- Includes 8310-866 CAP, 2 mounting screws & spacer for installation



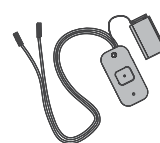
**8310-3836T**  
FLA Bollard Mount Kit

- 36" x 6" Actuator with 8310-866FLA Bollard for wired applications



**8310-3836TW**  
FLA Bollard Mount Kit

- 36" x 6" Actuator with 8310-866FLA Bollard and 8310-844 wireless Transmitter
- Transmitter requires 8310-865 Receiver (not included)



## 8310 Series

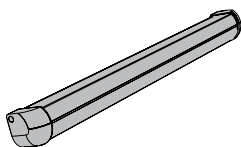
Auto Operator  
Actuators &  
Accessories

Sensors

**The sensors and accessories on the following pages are to be used only with LCN automatic operators. When using sensors supplied by others, consult the factory.**

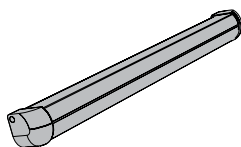
The desired function, traffic patterns and physical design of the opening will determine the type of sensors used.

### Automatic Operator Sensors & Accessories



**8310-804-1**  
Door Mount Safety Sensor

- Contains one active sensor module to detect obstruction(s) on leading edge of door



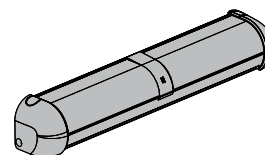
**8310-804-2**  
Door Mount Safety Sensor

- Contains two active sensor modules to detect obstruction(s) on full face of door



**8310-854**  
Header Mount Activation Sensor

- Activation Sensor, 'K' Band Technology
- Used to detect objects either approaching or moving away from sensor
- Uses standard 'one way' detection but additional detection can be programmed
- Optional 8310-859 Handheld Remote Control can be used to program 8310-854 sensor from a distance



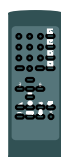
**8310-877**  
Header Mount Safety Sensor

- Safety Sensor, 'Diffused Infrared' Technology
- Used to detect obstructions during door open and door closed position
- Nine selectable patterns
- 8310-859 Handheld Remote Control required to program 8310-877 sensor from a distance
- Includes 8310-846 Harness



**8310-877S**  
Header Mount Safety Sensor  
Spacer

- Required when 8310-804-1 or 8310-804-2 Door Mount Safety
- Spacers are used w/ 8310-877 Header Mount Safety Sensor



**8310-859**  
Handheld Remote Control

- Used to program 8310-877 Header Mount Safety Sensor or 8310-854 Header Mount Motion Sensor



**8310-846**  
Header Mount Harness

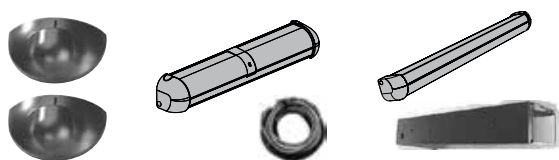
- Comes with 8310-877 Header Mount Safety Sensor



**8310-847**  
Door Mount Harness

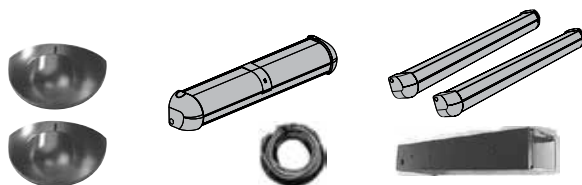
- Used with 8310-804-1 or 8310-804-2 Door Mount Safety Sensor, must order separately.
- Used with Senior Swing only, must order separately

## Automatic Operator Sensors & Accessories



### 8310-3881L Safety Sensor Package

- Activation/Safety Sensor Package, Single Door
- Includes 8310-854 (2) Header Mount Activation Sensor, 8310-877 Header Mount Safety Sensor, 8310-877S Header Mount Spacer, 8310-804-2 Door Mount
- Safety Sensor (approach side), 8310-847 Harness (Used with Senior Swing only)



### 8310-3881 Safety Sensor Package

- Activation/Safety Sensor Package, Single Door
- Includes 8310-854 (2) Header Mount Activation Sensor, 8310-877 Header Mount Safety Sensor, 8310-877S Header Mount Spacer, 8310-847 Harness, 8310-804-2 (2) Door Mount Safety Sensor (approach/safety side) (Used with Senior Swing only)



### 8310-3883 Safety Sensor Package

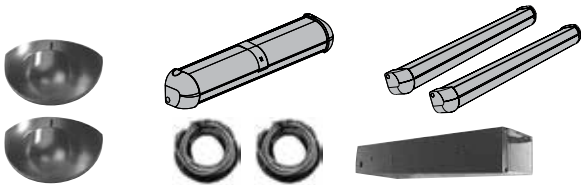
- Activation/Safety Sensor Package, Low Energy Convenience
- Single Door, Includes 8310-804-1 Door Mount Safety
- Sensor (approach side), 8310-805C Door Position Switch (Concealed), 8310-845 Programmable Relay Module (Used with Senior Swing only)

## 8310 Series

Auto Operator  
Actuators &  
Accessories

Packages

### Automatic Operator Sensors & Accessories

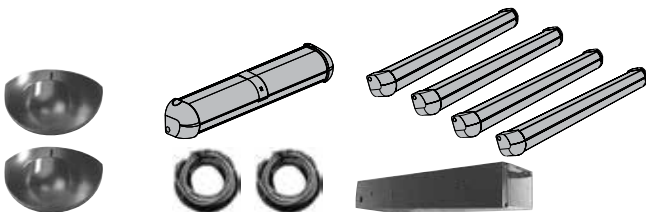


#### 8310-3882L

##### Safety Sensor Package

- Activation/Safety Sensor Package, Double Door
- Includes 8310-854 (2) Header Mount Activation Sensor, 8310-877 Header Mount Safety Sensor, 8310-877S Header Mount Spacer, 8310-847 (2) Harness, 8310-804-2 (2) Door Mount Safety Sensor (approach side) (Used with Senior Swing only)

NOTE: Not for use with Double Egress

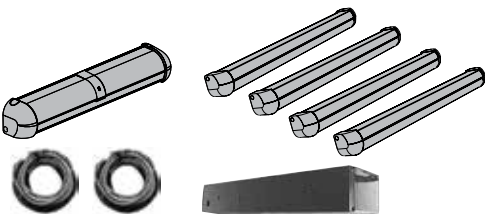


#### 8310-3882

##### Safety Sensor Package

- Activation/Safety Sensor Package, Double Door
- Includes 8310-854 (2) Header Mount Sensor, 8310-877 Header Mount Sensor, 8310-877S Header Mount Spacer, 8310-847 (2) Harness, 8310-804-2 (4) Door Mount Safety Sensor (approach/safety side) (Used with Senior Swing only)

NOTE: Not for use with Double Egress

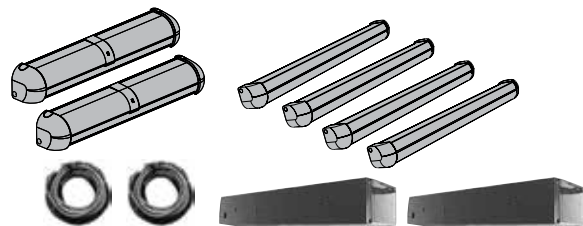


#### 8310-3891

##### Safety Sensor Package

- Activation/Safety Sensor Package, Health Care I, Simultaneous Pair
- Includes 8310-877 Header Mount Sensor, 8310-877S Header Mount Spacer, 8310-804-2 (4) Door Mount Sensor (approach/ safety side), 8310-847 (2) Harness (Used with Senior Swing only)

NOTE: Not for use with Double Egress



#### 8310-3892

##### Safety Sensor Package

- Activation/Safety Sensor Package, Health Care II, Independent Pair, Includes 8310-877 (2) Header Mount Sensor, 8310-877S (2) Header Mount Spacer, 8310-804-2 (4) Door Mount Sensor (approach/safety side), 8310-847 (2) Harness (Used with Senior Swing only)

## Automatic Operator Sensors & Accessories



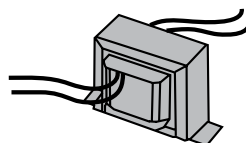
**8310-805**  
Door Position Switch

- Surface mount
- Used when 8310-804-1 or 8310-804-2 Door Mounted Safety Sensor and 8310-845 Relay Module is installed in conjunction w/ either a electrohydraulic, pneumatic or Benchmark Automatic Operator
- Disables approach side sensor when door is closed



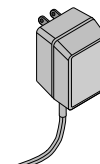
**8310-805C**  
Door Position Switch

- Concealed
- Used when 8310-804-1 or 8310-804-2 Door Mounted Safety Sensor and 8310-845 Relay Module is installed in conjunction w/ either a electrohydraulic, pneumatic or Benchmark Automatic Operator
- Disables approach side sensor when door is closed



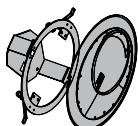
**8310-824**  
Transformer, 24v,

- Hardwired
- Optional accessory - Used to remotely power any 24v sensor/ receiver



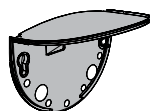
**8310-824P**  
Transformer

- 24v, plug in
- Optional accessory - Used to remotely power any 24v sensor/ receiver



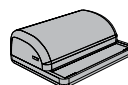
**8310-854ECA**  
Drop Ceiling Bracket

- Bracket used w/ 8310-854 Header Mount Activation Sensor
- Optional



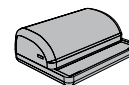
**8310-854ERA**  
Protective Cover

- Cover used w/ 8310-854 Header Mount Activation Sensor
- Optional



**8310-3803**  
Wireless Conversion Kit

- Jamb mount, 3v
- Converts standard jamb actuator to wireless version
- Includes 8310-865 Receiver, 8310-844J (2) Jamb Mounted
- Transmitter - Requires 8310-819S or 8310-819F Jamb Box



**8310-3809**  
Wireless Conversion Kit

- Jamb mount, 9v
- Converts standard wall mount actuator to wireless version
- Includes 8310-865 Receiver, 8310-844 (2) Wall Mount Transmitter
- Requires Surface or Flush Box and Weather Ring



**8310-3889**  
Safety Module Kit

- Used w/ 7901, 7902, 7981, 7982 Control Boxes.
- Includes 8310-3888 Safety Module Harness. Required when 8310-877 Header Mount Safety Sensor is used w/ Pneumatic
- Automatic Operators (2610, 4810, 4820 or 4840 Series)

**8310-3888**  
Harness

- Safety module, service part
- Safety Module Harness for pneumatic control box

## 8310 Series

Auto Operator  
Actuators &  
Accessories

### Automatic Operator Sensors & Accessories



**8310-861**  
Transmitter

- Wireless
- 1 Channel, Handheld, 3v.  
Requires 8310-865 Receiver



**8310-862**  
Transmitter

- Wireless
- 2 Channel, Handheld, 3v.  
Requires 8310-865 Receiver



**8310-863**  
Transmitter

- Wireless
- 3 Channel, Handheld, 3v.  
Requires 8310-865 Receiver



**8310-864**  
Transmitter

- Wireless
- 4 Channel, Handheld, 3v.  
Requires 8310-865 Receiver.



**8310-866**  
Bollard Post

- A powder coated steel 42" x 4" x 6" Bollard Post, Mounting Base and 8310-866CAP
- Actuator cut out accepts 8310-3853WB or 8310-3853TWB wireless actuators 4-3/4" square hard wired actuator



**8310-866CAP**  
Bollard Post

- Plastic Cap, Protective Cover, Service Part for 8310-866 Bollard Post



## Automatic Operator Actuators & Accessories



**8310-806K**  
Key Switch

- Type, 3 Position (On/Off/Hold-Open)
- Optional switch used w/ Senior Swing, Benchmark, or 4630/4640 Operators with (CS) option

**8310-806R**  
Rocker Switch

- Type, 3 Position (On/Off/Hold-Open)
- Optional switch w/ Senior Swing, Benchmark, or 4630/4640
- Operators with (CS) option

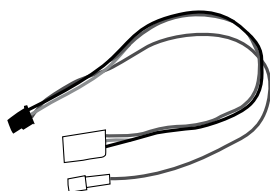
**8310-807**  
Line Filter

- AC, 120v, Optional filter used w/ Senior Operators to reduce 'line noise'



**8310-845**  
Programmable Relay Module

- Used to sequence door operation in Senior Swing and Benchmark for hard wired applications



**8310-887**  
Retrofit Cable

- Allows newer style Senior Swing digital control to be activated by existing switches when replacing older control purchased prior to September, 2006



**8310-3134**  
Retrofit Cable Kit

- Allows newer style Senior Swing Digital Control to be activated by existing switches when replacing older control purchased prior to September, 2006.
- Also includes cables to allow Safety Sensors to activate
- Includes 8310-887 plus Safety Sensor Cables