

LCN®

Automatic  
operators



# Actuators and accessories

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 two-way 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.

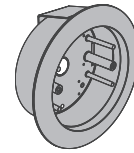
## 4 1/2" Surface and flush mounts



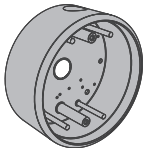
- 8310-856**  
**Hard Wired Wall Mount, Logo**
- Hardwired low voltage actuator with round, stainless steel touch plate in 4 1/2" (114mm) diameter
  - Engraved blue filled handicap symbol conforms to most accessibility codes
  - Designed to mount in a flush or surface mount box (sold separately) in/on 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



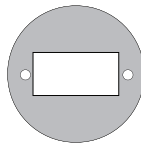
- 8310-856T**  
**Hard Wired Wall Mount, Logo and Text**
- Same as the 8310-856, with the added engraving of "Push to Open"



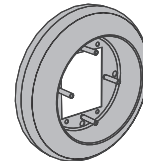
- 8310-868F**  
**Flush Mount Box**
- Rugged Plastic Box, 4 1/2" Round
  - Optional accessory - can be used w/ any 4 1/2" round actuator



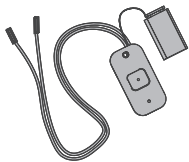
- 8310-868S**  
**Surface Mount Box**
- Rugged Plastic Box, 4 1/2" Round
  - Optional accessory - can be used w/any 4 1/2" round actuator



- 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



- 8310-874**  
**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

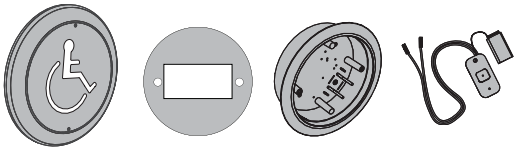


- 8310-844**  
**Transmitter, Wireless, 1 Channel, Wall Mount, 9V**
- Transmitter, Wireless, 1 Channel, 9V battery included
  - Use to convert standard wall mount actuator to wireless
  - Requires 8310-865 Receiver



- 8310-865**  
**Wireless Receiver**
- Receiver, Wireless, 1 Channel, w/Sequencing Feature
  - Used in conjunction w/ Wireless Actuators and Transmitter(s) for push plate applications

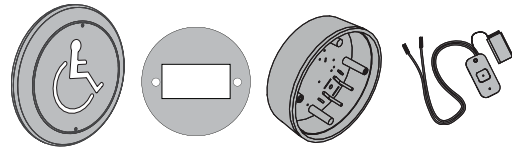
## 4 1/2" Surface and flush mounts



### 8310-3856WF

#### Wireless Actuator, Wall Mount and Flush, Logo, 4 1/2 inch round

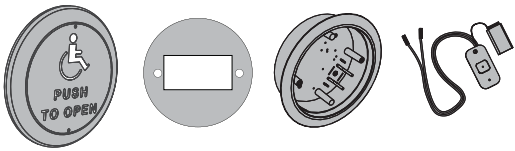
- Actuator, 4 1/2" Round, Logo, Wireless
- Includes 8310-856 Actuator, 8310-844 Transmitter, 8310-868F Flush Box, 8310-800 Weather/Trim Ring
- Requires 8310-865 Receiver (not part of kit)



### 8310-3856WS

#### Wireless Actuator, Wall Mount and Surface, Logo, 4 1/2 inch round

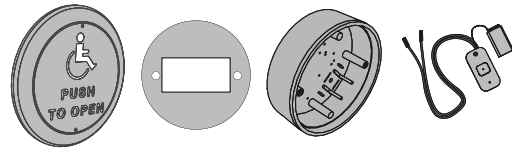
- Actuator, 4 1/2" Round, Logo, Wireless
- Includes 8310-856 Actuator, 8310-844 Transmitter, 8310-868S Surface Box, 8310-800 Weather/Trim Ring
- Requires 8310-865 Receiver (not part of kit)



### 8310-3856TWF

#### Wireless Actuator, Wall Mount and Flush, Logo and Text, 4 1/2 inch round

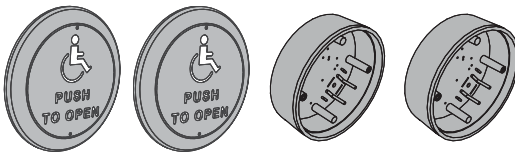
- Actuator, 4 1/2" Round, Logo, Text, Wireless,
- Includes 8310-856T Actuator, 8310-844 Transmitter, 8310-868F Flush Box, 8310-800 Weather/Trim Ring
- Requires 8310-865 Receiver (not part of kit)



### 8310-3856TWS

#### Wireless Actuator, Wall Mount and Surface, Logo and Text, 4 1/2 inch round

- 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)

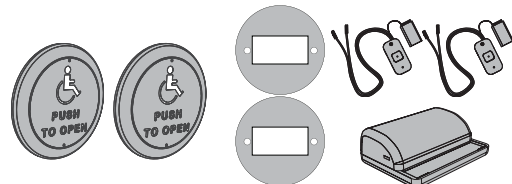


### 8310-3860T

#### Hard Wired Actuator Package, Logo and Text, 4 1/2 inch round

- 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

#### Hard Wired Actuator Package, Logo and Text, 4 1/2 inch round

- 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



## 6" Surface and flush mounts



- 8310-852**  
**Hard Wired Wall Mount Actuator, Logo, 6 inch round**
- 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.



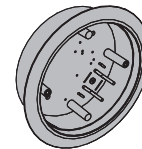
- 8310-852WP**  
**Wireless Wall Mount Actuator Package, Logo, 6 inch round**
- Wireless, low profile, low voltage actuator with round, stainless steel touch plate in 6" (152mm) diameter
  - Engraved blue filled handicap symbol conforms to most accessibility codes
  - Surface mount box includes integral transmitter w/battery and actuator switch
  - Heavy industrial grade components provide vandal resistant mounting and weather resistant switch standard
  - Requires 8310-865 Receiver



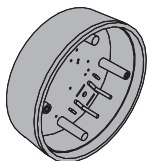
- 8310-852T**  
**Hard Wired Wall Mount Actuator, Logo and Text, 6 inch round**
- Same as the 8310-852, with the added engraving of "Push to Open"



- 8310-852TWP**  
**Wireless Wall Mount Actuator Package, Logo and Text, 6 inch round**
- Same as the 8310-852WP, with the added engraving of "Push to Open"



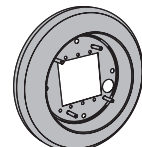
- 8310-869F**  
**Flush Mount Box**
- Rugged Plastic Box, 6" Round
  - Optional accessory - can be used w/any 6" round actuator



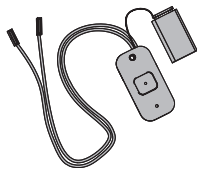
- 8310-869S**  
**Surface Mount Box**
- Rugged Plastic Box, 6" Round
  - Optional accessory - can be used w/any 6" round actuator



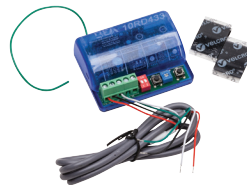
- 8310-802**  
**Weather/Trim Ring**
- Plastic Weather/Trim Ring, 6" Round
  - Optional accessory - can be used w/ any 6" round plastic mounting box



- 8310-876**  
**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

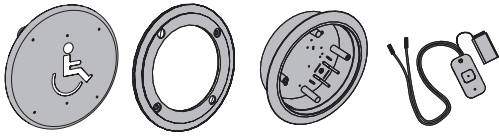


- 8310-844**  
**Transmitter, Wireless, 1 Channel, Wall Mount, 9V**
- Transmitter, Wireless, 1 Channel, 9V battery included
  - Use to convert standard wall mount actuator to wireless
  - Requires 8310-865 Receiver



- 8310-865**  
**Wireless Receiver**
- Receiver, Wireless, 1 Channel, w/ Sequencing Feature
  - Used in conjunction w/ Wireless Actuators and Transmitter(s) for push plate applications

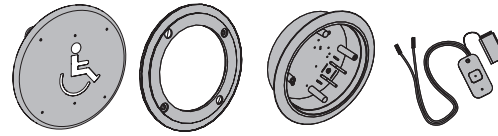
## 6" Surface and flush mounts



### 8310-3852WF

#### Wireless Actuator, Wall Mount and Flush, Logo, 6 inch round

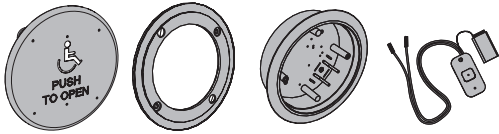
- 6" Round, Logo, Wireless
- Includes 8310-852 Actuator, 8310-844 Transmitter, 8310-869F Flush Box, 8310-802 Weather/Trim Ring
- Requires 8310-865 Receiver (not part of kit)



### 8310-3852WS

#### Wireless Actuator, Wall Mount and Surface, Logo, 6 inch round

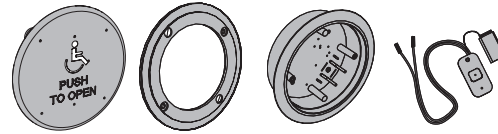
- 6" Round, Logo, Wireless,
- Includes 8310-852 Actuator, 8310-844 Transmitter, 8310-869S Surface Box, 8310-802 Weather/Trim Ring
- Requires 8310-865 Receiver (not part of kit)



### 8310-3852TWF

#### Wireless Actuator, Wall Mount and Flush, Logo and Text, 6 inch round

- 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

#### Wireless Actuator, Wall Mount and Surface, Logo and Text, 6 inch round

- 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)

## 1 1/2" x 4 3/4" Surface and flush mounts



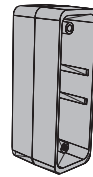
- 8310-818**  
**Hard Wired Jamb Mount Actuator, Logo, 1 1/2" x 4 3/4"**
- Hardwired low voltage actuator with rectangular stainless steel touch plate
  - 1 1/2" (38mm) wide by 4 3/4" (121mm)
  - Engraved blue filled handicap symbol conforms to most accessibility codes
  - Designed to mount in a frame 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



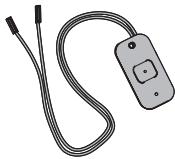
- 8310-818T**  
**Hard Wired Jamb Mount Actuator, Logo and Text, 1 1/2" x 4 3/4"**
- Same as the 8310-818, with the added engraving of "Push to Open"



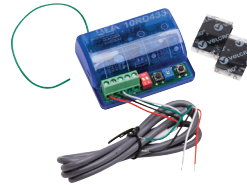
- 8310-819F**  
**Box Only, Jamb Mount and Flush Mount, 1 1/2" x 4 3/4"**
- Rugged Plastic Jamb Box
  - 1 1/2" x 4 3/4" rectangle, optional accessory - can be used w/any 1 1/2" x 4 3/4" jamb mount actuator



- 8310-819S**  
**Box Only, Jamb Mount and Surface Mount, 1 1/2" x 4 3/4"**
- 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



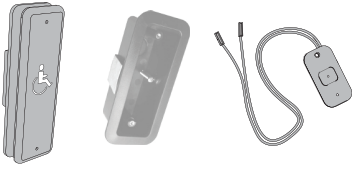
- 8310-844J**  
**Transmitter, Wireless, 1 Channel, Jamb Mount, 3V**
- Wireless, 1 Channel, Jamb Mount, 3v battery included
  - Used to convert standard jamb mount actuator to wireless when used w/819F or 819S boxes; requires 8310-865 Receiver (interior use only)



- 8310-865**  
**Wireless Receiver**
- Receiver, Wireless, 1 Channel, w/ Sequencing Feature
  - Used in conjunction w/ Wireless Actuators and Transmitter(s) for push plate applications

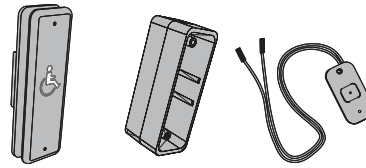
Note: LCN recommends for all jamb mount actuators be used on an interior installation only.

## 1 1/2" x 4 3/4" Surface and flush mounts



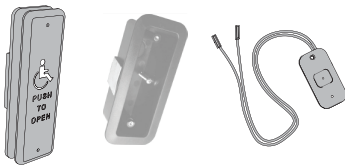
### 8310-3818WF Wireless Actuator, Jamb Mount and Flush, Logo, 1 1/2" x 4 3/4"

- 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)



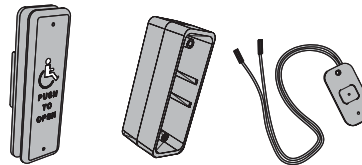
### 8310-3818WS Wireless Actuator, Jamb Mount and Surface, Logo, 1 1/2" x 4 3/4"

- 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)



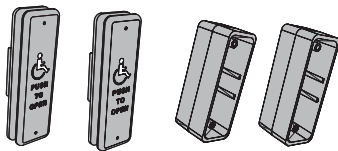
### 8310-3818TWF Wireless Actuator, Jamb Mount and Flush, Logo and Text, 1 1/2" x 4 3/4"

- 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)



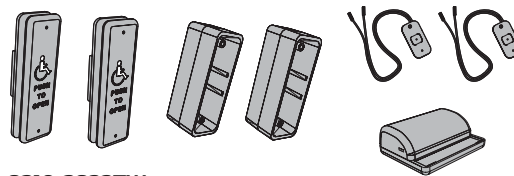
### 8310-3818TWS Wireless Actuator, Jamb Mount and Surface, Logo and Text, 1 1/2" x 4 3/4"

- 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 Hard Wired Actuator Package, Logo and Text, 1 1/2" x 4 3/4"

- 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 Wireless Actuator Package, Logo and Text, 1 1/2" x 4 3/4"

- 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

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

## 4 3/4" Square surface and flush mounts



### 8310-853

#### Hard Wired Wall Mount, Logo, 4 3/4" x 4 3/4"

- 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



### 8310-853WP

#### Wireless Wall Mount Actuator Package, Logo, 4 3/4" x 4 3/4"

- 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



### 8310-853T

#### Hard Wired Wall Mount, Logo and Text, 4 3/4" x 4 3/4"

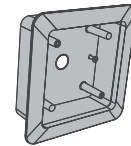
- Same as the 8310-853, with the added engraving of "Push to Open"



### 8310-853TWP

#### Wireless Wall Mount Actuator Package, Logo and Text, 4 3/4" x 4 3/4"

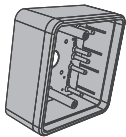
- Same as the 8310-853WP, with the added engraving of "Push to Open"



### 8310-867F

#### Flush Mounted Actuator

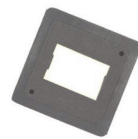
- Rugged Plastic Box, 4 3/4" Square
- Optional accessory - can be used w/any 4 3/4" square actuator



### 8310-867S

#### Surface Mount Box

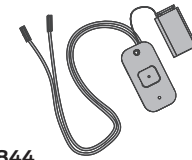
- Rugged Plastic Box, 4 3/4" Square
- Optional accessory - can be used w/any 4 3/4" square actuator



### 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, Wireless, 1 Channel, Wall Mount, 9V

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



### 8310-865

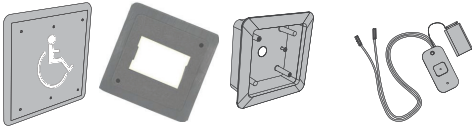
#### Wireless Receiver

- Receiver, Wireless, 1 Channel, w/Sequencing Feature
- Used in conjunction w/ Wireless Actuators and Transmitter(s) for push plate applications

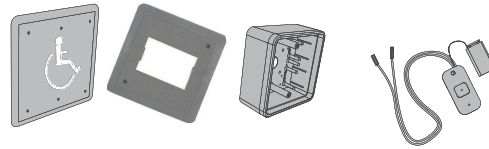


## Actuators and accessories

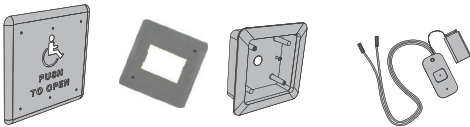
## 4 3/4" Square surface and flush mounts

**8310-3853WF****Wireless Actuator, Wall Mount and Flush, Logo, 4 3/4" x 4 3/4"**

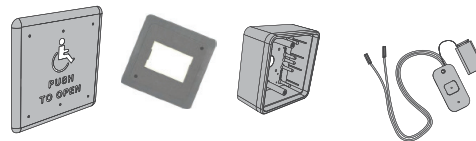
- Actuator, 4 3/4" Square, Logo, Wireless
- Includes 8310-853, 8310-844 Transmitter, 8310-867F Flush Box, 8310-801 Weather/Trim Ring
- Requires 8310-865 Receiver (not part of kit)

**8310-3853WS****Wireless Actuator, Wall Mount and Surface, Logo, 4 3/4" x 4 3/4"**

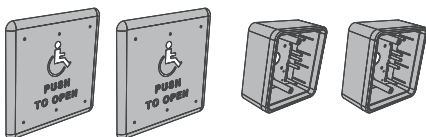
- Actuator, 4 3/4" Square, Logo, Wireless
- Includes 8310-853, 8310-844 Transmitter, 8310-867S Surface Box, 8310-801 Weather/Trim Ring
- Requires 8310-865 Receiver (not part of kit)

**8310-3853TWF****Hard Wired Actuator, Wall Mount and Flush, Logo and Text, 4 3/4" x 4 3/4"**

- 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)

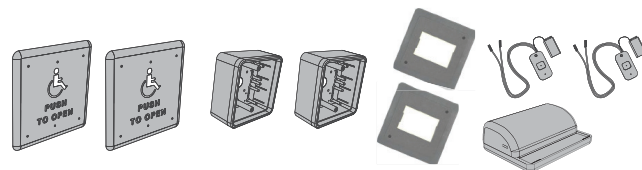
**8310-3853TWS****Hard Wired Actuator, Wall Mount and Surface, Logo and Text, 4 3/4" x 4 3/4"**

- 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****Hard Wired Actuator Package, Logo and Text, 4 3/4" x 4 3/4"**

- 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****Wireless Actuator Package, Logo and Text, 4 3/4" x 4 3/4"**

- 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

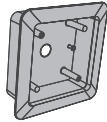
## 4 3/4" Dual square surface and flush mounts



### 8310-855

#### Hard Wired Wall Mount Actuator, Logo, Double Vestibule

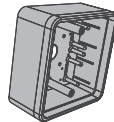
- Hardwired low voltage actuator with dual rectangle, stainless steel touch plate in 4 3/4" (121mm) square
- Engraved blue filled handicap symbol w/text, conforms to most accessibility codes
- Designed to mount in a flush or surface mount box (sold separately) in/on a vertical surface near the controlled 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

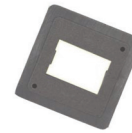
- Rugged Plastic Box, 4 3/4" Square
- Optional accessory - can be used w/any 4 3/4" square actuator



### 8310-867S

#### Surface Mount Box

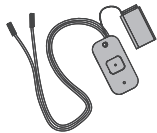
- Rugged Plastic Box, 4 3/4" Square
- Optional accessory - can be used w/any 4 3/4" square actuator



### 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, Wireless, 1 Channel, Wall Mount, 9V

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



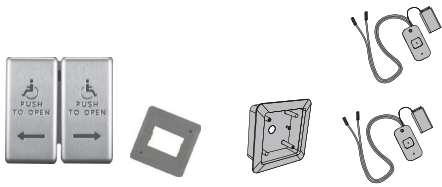
### 8310-865

#### Wireless Receiver

- Receiver, Wireless, 1 Channel, w/Sequencing Feature
- Used in conjunction w/ Wireless Actuators and Transmitter(s) for push plate applications

Introduction  
 Product selection guide  
 Pneumatic systems  
 Auto equalizers  
 2610/4810/4820/4840/7900 Series  
 Electrohydraulic systems  
 Auto equalizers  
 4630/4640 Series  
 Electromechanical systems  
 Benchmark  
 9130/9140/9150 Series  
 Electromechanical systems  
 Senior Swing  
 2810/2850/2860/9530/9540/9550/9560 Series  
 Actuators and accessories

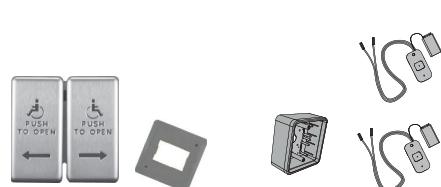
## 4 3/4" Dual square surface and flush mounts



### 8310-3855WF

#### Wireless Actuator, Wall Mount and Flush, Dual Vestibule, Logo, 4 3/4" x 4 3/4"

- 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

#### Wireless Actuator, Wall Mount and Surface, Dual Vestibule, Logo, 4 3/4" x 4 3/4"

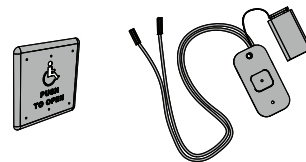
- Actuator, 4 3/4" Square, Logo, Text, Dual Vestibule, Wireless
- Includes 8310-855 Actuator, 8310-844 Transmitter (2), 8310-867S Surface Box, 8310-801 Weather/Trim Ring
- Requires 8310-865 Receiver (2) (not part of kit)



### 8310-3853WB

#### Wireless Bollard Actuator, Logo, 4 3/4" Square

- 4 3/4" Square/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

#### Wireless Bollard Actuator, Logo and Text, 4 3/4" Square

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

## 36" x 6" Full length actuators



### 8310-836T

#### Hard Wired Full Length Actuator, Logo and Text, 36" x 6"

- 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

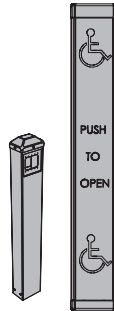
#### Wireless Full Length Actuator, Logo and Text, 36" x 6"

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



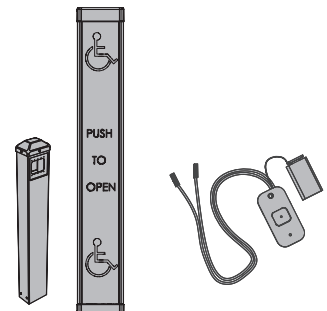
### 8310-866FLA FLA Bollard Post

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



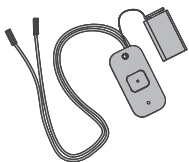
### 8310-3836T Full Length Actuator/Bollard Package

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



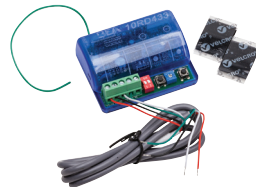
### 8310-3836TW Wireless Full Length Actuator/ Bollard Package

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



### 8310-844 Transmitter, Wireless, 1 Channel, Wall Mount, 9V

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



### 8310-865 Wireless Receiver

- Receiver, Wireless, 1 Channel, w/Sequencing Feature
- Used in conjunction w/ Wireless Actuators and Transmitter(s) for push plate applications

## Touchless actuators



- 8310-810D**  
**Touchless Actuator, Double Gang**
- Stainless steel
  - 2 - 24" range
  - Heavy duty applications
  - Compatible with -880 receiver



- 8310-810R**  
**Touchless Actuator, Round**
- Stainless steel
  - 2 - 24" range
  - Heavy duty applications
  - Compatible with -880 receiver



- 8310-810S**  
**Touchless Actuator, Single Gang**
- Stainless steel
  - 2 - 24" range
  - Heavy duty applications
  - Compatible with -880 receiver



- 8310-813**  
**Touchless Actuator, Single Gang and Double Gang**
- Black: ASA, Nylon, PC
  - 4-24" Range
  - Medium duty applications
  - Compatible with -880 receiver



- 8310-813J**  
**Touchless Actuator, Jamb**
- Black: ASA, Nylon, PC
  - 4-24" Range
  - Medium duty applications
  - Compatible with -880 receiver



- 8310-813JWH**  
**Touchless Actuator, Jamb**
- White: ASA, Nylon, PC
  - 4-24" Range
  - Medium duty applications
  - Compatible with -880 receiver



- 8310-813R**  
**Touchless Actuator, Round**
- Black: ASA, Nylon, PC
  - 4-24" Range
  - Medium duty applications
  - Compatible with -880 receiver



- 8310-813RWH**  
**Touchless Actuator, Round**
- White: ASA, Nylon, PC
  - 4 - 24" range
  - Medium duty applications
  - Compatible with -880 receiver



- 8310-813WH**  
**Touchless Actuator, Single Gang and Double Gang**
- White: ASA, Nylon, PC
  - 4-24" Range
  - Medium duty applications
  - Compatible with -880 receiver



- 8310-815**  
**Touchless Actuator, Square**
- External Mounting Box not required
  - 4 - 24" range
  - Harsh condition applications
  - Compatible with -880 receiver



- 8310-816R**  
**Touchless Actuator, Round, 7"**
- 0 - 4" range
  - Stainless steel
  - Proximity applications



- 8310-816S**  
**Touchless Actuator, Square, 6"**
- 0 - 4" range
  - Stainless steel
  - Proximity applications



# Touchless wireless receivers



**8310-880**  
**Wireless Receiver, 900 MHz**

- Receiver, wireless
- Program instant or delayed actuation
- Used in conjunction with touchless actuators for wireless signal transmission



**8310-881**  
**900 MHz Transmitter, 1 Button**

- Handheld transmitter
- 3V battery powered
- Line of sight ~500 ft



**8310-882**  
**900 MHz Transmitter, 2 Buttons**

- Handheld transmitter
- 3V battery powered
- Line of sight ~500 ft



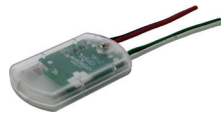
**8310-883**  
**900 MHz Transmitter, 3 Buttons**

- Handheld transmitter
- 3V battery powered
- Line of sight ~500 ft



**8310-884**  
**900 MHz Transmitter, 4 Buttons**

- Handheld transmitter
- 3V battery powered
- Line of sight ~500 ft



**8310-885**  
**Retrofit 900 MHz Transmitter**

- Push plate conversion to touchless application
- Line of sight ~500 ft

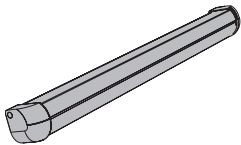


**8310-886**  
**900 MHz Hardwired Transmitter**

- 900 MHz transmitter for hardwired applications

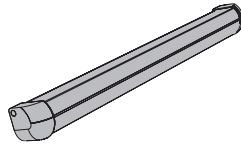
# Sensors

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.



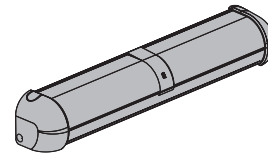
**8310-804-1**  
**(1) Door Mount Safety Sensor for Leading Edge**

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



**8310-804-2**  
**(1) Door Mount Safety Sensor for Full Face**

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



**8310-877**  
**(1) 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



**8310-878**  
**Single Door Safety Package - (2) Door Mounted Safety Sensors with ANSI .10 Monitoring**

- Contains two door-mounted sensors and a control hub that perform the swing door safety functions and provides the sensor monitoring required by A156.10
- All wire harnesses and mounting hardware included



**8310-879**  
**Double Door Safety Package - (4) Door Mounted Safety Sensors with ANSI .10 Monitoring**

- Contains four door-mounted sensors and a control hub that perform the swing door safety functions and provides the sensor monitoring required by A156.10
- All wire harnesses and mounting hardware included

# Packages



**8310-3881**  
**Single Door Package - (1) Activation and (2) Safety Sensors with ANSI .10 Monitoring**

- Activation/Safety Sensor Package, Single Door
- Includes 8310-854 (2) Header Mount Activation Sensor, 8310-878 Monitored Safety Sensor kit (Used with Senior Swing only)

Alert: After November 2017, this package must be purchased for unknowing-act activation requirements in A156.10 for single door.



**8310-3883**  
**Senior Swing Single Door Package - (1) Safety Sensor and (1) Concealed Door Position Switch and (1) Relay Module**

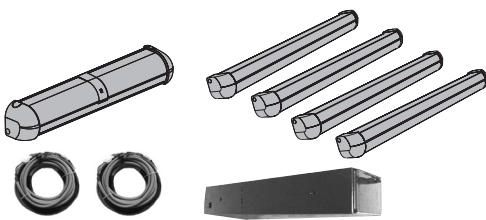
- Activation/Safety Sensor Package, Low Energy Convenience
- Single Door, Includes 8310-804-1 Door Mount Safety
- Sensor (approach side), 8310-805C Door Position Switch (Concealed), 8310-845 Programmable Relay Module (Used with Senior Swing only)



**8310-3882**  
**Double Door Package - (2) Activation and (4) Safety Sensors with ANSI .10 Monitoring**

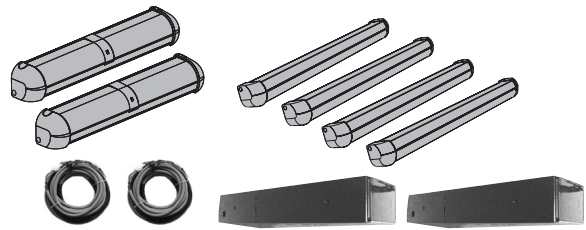
- Activation/Safety Sensor Package, Double Door
- Includes 8310-854 (2) Header Mount Sensor, 8310-879 Monitored Safety Sensor kit (Used with Senior Swing only)

Alert: After November 2017, this package must be purchased for unknowing-act activation requirements in A156.10 for single door.



**8310-3891**  
**Senior Swing Simultaneous Pair Package - (1) Header Safety Sensor and (1) Spacer and (4) Door Mount Safety Sensors and (2) Harnesses**

- 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)



**8310-3892**  
**Senior Swing Independent Pair Package - (2) Header Sensors and (2) Spacers and (4) Door Safety Sensors and (2) Harnesses**

- 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)

NOTE: Not for use with Double Egress These two sensor packages must be used on installations with knowing-act activation only

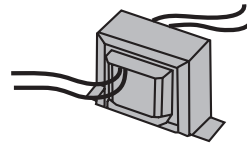
## Sensor accessories



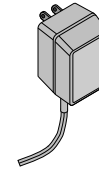
- 8310-805**  
**Door Position Switch (DPS)**
- Surface mount
  - Used when 8310-804-1 or 8310-804-2 Door Mounted Safety Sensor and 8310-845 Relay Module is installed in conjunction w/either a electrohydraulic, pneumatic or Benchmark Automatic Operator
  - Disables approach side sensor when door is closed



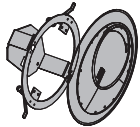
- 8310-805C**  
**Door Position Switch (DPS)**
- Concealed
  - Used when 8310-804-1 or 8310-804-2 Door Mounted Safety Sensor and 8310-845 Relay Module is installed in conjunction w/either a electrohydraulic, pneumatic or Benchmark Automatic Operator
  - Disables approach side sensor when door is closed



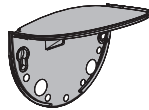
- 8310-824**  
**24V Hardwired Transformer**
- Hardwired
  - Optional accessory - Used to remotely power any 24v sensor/receiver



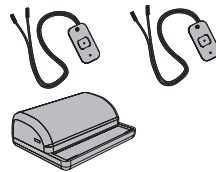
- 8310-824P**  
**24V Plug In Transformer**
- 24v, plug in
  - Optional accessory - Used to remotely power any 24v sensor/receiver



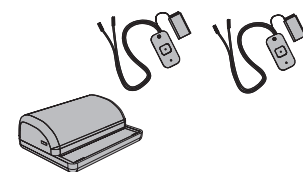
- 8310-854ECA**  
**Drop Ceiling Bracket**
- Bracket used w/8310-854 Header Mount Activation Sensor
  - Optional



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



- 8310-3803**  
**3v Wireless Conversion Kit Jamb Mount**
- 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**  
**9v Wireless Conversion Kit Wall Mount**
- 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 for pneumatic control box**
- 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**  
**Safety Module Harness for pneumatic control box**
- Safety module, service part
  - Safety Module Harness for pneumatic control box

## Accessories



- 8310-861**  
**Transmitter, Wireless, 1 Channel, Handheld, 9v**
- Wireless
  - 1 Channel, Handheld, 9v; requires 8310-865 Receiver



- 8310-862**  
**Transmitter, Wireless, 2 Channel, Handheld, 9v**
- Wireless
  - 2 Channel, Handheld, 9v; requires 8310-865 Receiver



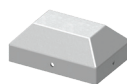
- 8310-863**  
**Transmitter, Wireless, 3 Channel, Handheld, 9v**
- Wireless
  - 3 Channel, Handheld, 9v; requires 8310-865 Receiver



- 8310-864**  
**Transmitter, Wireless, 4 Channel, Handheld, 9v**
- Wireless
  - 4 Channel, Handheld, 9v; requires 8310-865 Receiver



- 8310-866**  
**Bollard Post with Mounting Base and Actuator Cut-Out, 42" x 4" x 6"**
- 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 Protective Cap**
- Plastic Cap, Protective Cover, Service Part for 8310-866 Bollard Post



## Sensor 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 used w/Senior Swing, Benchmark, or 4630/4640 operators with (CS) option

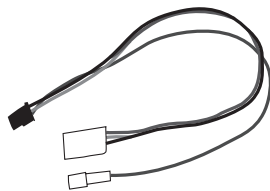


### 8310-845 Programmable Relay Module

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

### 8310-807 Line Filter

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



### 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