

## 1 Description

BEA introduces its new stainless steel pushplate line. These pushplates are designed to fit into standard electrical gang boxes, and/or BEA's line of plastic enclosures. The faceplate is made of 1/16" thick stainless steel for durability, and has concealed fasteners to minimize vandalism. The pushplates may be hard wired to the door operator or connected to BEA's line of radio-controlled transmitters. Part numbers are shown below.



## 2 Specifications

DESCRIPTION	4.5" ROUND	6" ROUND	4.75" SQUARE	JAMB	SINGLE GANG
PUSH TO OPEN	10PBR45	10PBR	10PBS	10PBJ	
TEXT AND LOGO	10PBR451	10PBR1	10PBS1	10PBJ1	10PBO241
LOGO ONLY	10PBR45LL	10PBRL	10PBSLL	10PB JL	10PBO24L
PLAIN FACE	10PBR4510	10PBR10	10PBS10	10PBJ10	
WHITE ON BLUE			10PBS1B		
SIZE	4.50" X 0.62"	6.00" X 0.62"	4.75" X 4.75" X 0.62"	1.50" X 4.75" X 0.62"	2.75" X 4.50" X 0.40"

## 3 Precautions



### CAUTION

- Shut off all power going to header before attempting any wiring procedures.
- Maintain a clean & safe environment when working in public areas.
- Constantly be aware of pedestrian traffic around the door area.
- Always stop pedestrian traffic through the doorway when performing tests that may result in unexpected reactions by the door.
- ESD electrostatic discharge: Circuit boards are vulnerable to damage by electrostatic discharge. Before handling any board ensure you dissipate your body's charge.
- Always check placement of all wiring before powering up to insure that moving door parts will not catch any wires and cause damage to equipment.
- Ensure compliance with all applicable safety standards (i.e. ANSI A156.10/19) upon completion of installation.
- DO NOT attempt any internal repair of the sensor. All repairs and/or component replacements must be performed by BEA, Inc. Unauthorized disassembly or repair:
  1. May jeopardize personal safety and may expose one to the risk of electrical shock.
  2. May adversely affect the safe and reliable performance of the product will result in a voided product warranty.

## 4 Accessories

CUSTOM PUSHPLATE - Etched Pushplate with Company Name and/or Logo.

PLASTIC ENCLOSURES - Wide Range of Surface and Flush Mount Electrical Boxes.

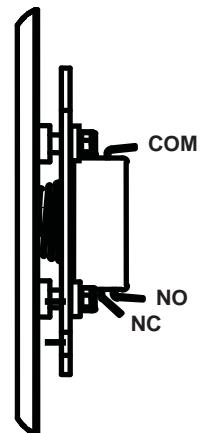
RADIO CONTROLLED TRANSMITTERS & RECEIVERS - Range of Analog and Digital Transmitters and Receivers.

BOLLARD - Steel Pushplate Mounting Post Available in Black, Bronze and Silver for use with 4 1/2" Round & 4 3/4" Square Pushplates.

ESCUTCHEON - Stainless Steel Mounting Plate for 6" Round Pushplates.

## 5 Installation

1. Wire the pushplate to the door controller or radio controlled transmitter using the NO or NC contacts and common.

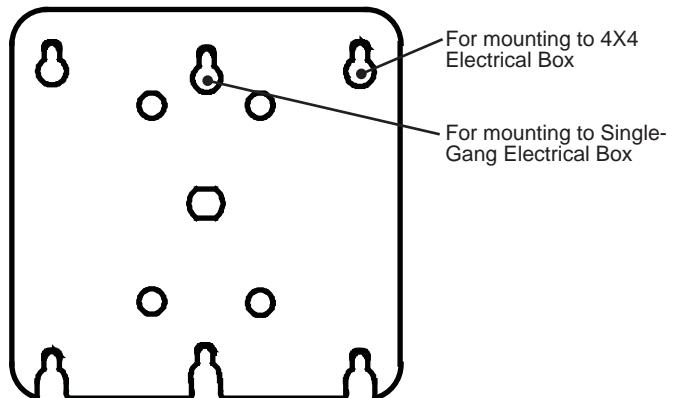


SIDE VIEW

2. Finger-tighten the enclosed hex-head screws into the electrical enclosure.

NOTE: The 6" round and the 4 3/4" square pushplate there are two different sized screws. The larger screws (#8) are for the corner locations on 4X4 electrical type boxes and the two smaller screws (#6) are for the single-gang electrical type boxes.

3. Place the pushplate holes over the hex-head screws. Use the enclosed hex key to fully tighten the screws.
4. Test for proper pushplate activation.



BACK OF PBS & PBR PUSHPLATES

NOTE: Pushplates will need an Adapter Ring (10BRINGC) to use with BEA's Double Gang Electrical Box.

## 6 Cleaning Operations

The pushplates are constructed with durable stainless steel and painted with scuff-resistant coatings. To clean the plates, use only a damp, non-abrasive cloth. Regular cleaning with harsh solvents or abrasive materials may cause deterioration of the paint coating. Please make the end-user aware of this procedure.

## 7 Company Contact



Do not leave problems unresolved. If a satisfactory solution cannot be achieved after troubleshooting a problem, please call BEA, Inc. If you must wait for the following workday to call BEA, leave the door inoperable until satisfactory repairs can be made. Never sacrifice the safe operation of the automatic door or gate for an incomplete solution.

The following numbers can be called 24 hours a day, 7 days a week. For more information, visit [www.beasensors.com](http://www.beasensors.com).

US and Canada: 1-866-249-7937  
Canada: 1-866-836-1863  
Northeast: 1-866-836-1863

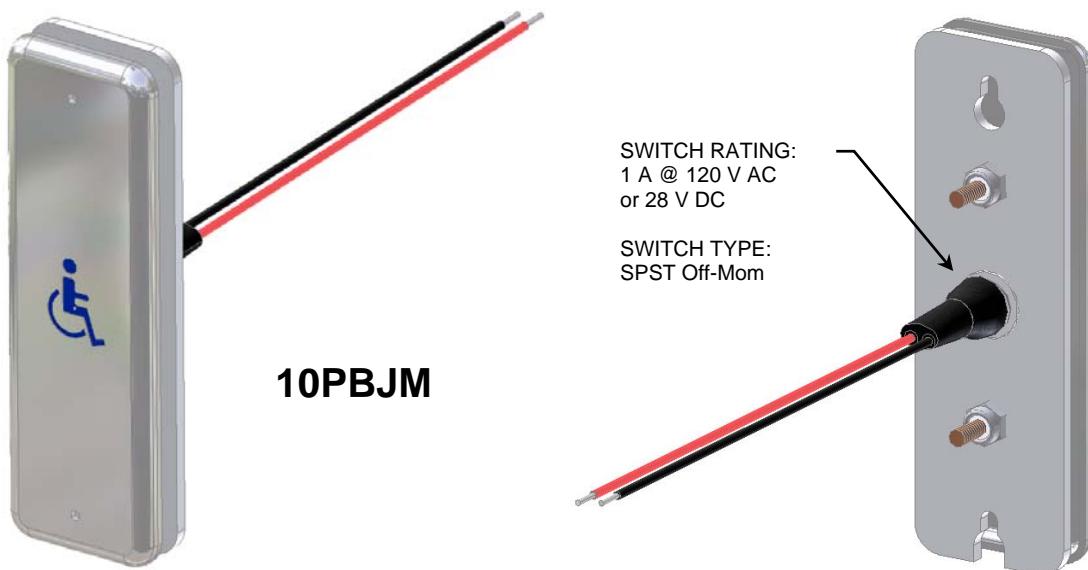
Southeast: 1-800-407-4545  
Midwest: 1-888-308-8843  
West: 1-888-419-2564

**DESCRIPTION**

This pushplate series (10PBJMx) is designed to fit neatly into a BEA jamb-style pushplate box or to be mounted directly to a door jamb. It can be quickly installed with only a drill with drill bits, a center punch and a #6-32 tap set. The faceplate is made of 1/16" thick stainless steel for durable use.

**INSTALLATION  
INSTRUCTIONS**

1. Determine the mounting location of the pushplate. Use the enclosed mounting template if the pushplate is to be attached directly to the door jamb, otherwise, the pushplate will mount directly into a jamb-style BEA box (10BOXJAMBSM or 10BOXJAMBFM).
2. If the pushplate is to be mounted directly to the jamb tube, use the template and mark the drill locations by marking the holes with a hammer and center punch. Then drill three (3) 1/2" dia. holes where marked, and then drill two (2) additional holes (with a 7/64" bit) and tap for a #6-32 thread.
3. Wire the switch of the pushplates to the door controllers using the normally open contact and common.
4. Fasten the pushplate to the mounting location.
5. Test the pushplate for proper activation. Note: the switch will not make an audible click when activated.



**PUSHPLATE  
CLEANING**

The pushplates are constructed with durable stainless steel and painted with scuff-resistant coatings. To clean the plates, use only a damp, non-abrasive cloth. Repeated cleaning with harsh solvents or abrasive materials may cause deterioration of the coating. Please make the end-user aware of this procedure.

**COMPANY  
CONTACT**

If after troubleshooting a problem, a satisfactory solution cannot be achieved, please call B.E.A., Inc. for further assistance during **Eastern Standard Time at 1-800-523-2462 from 8am - 5pm**. For after-hours, call East Coast: 1-866-836-1863 or 1-800-407-4545 / Mid-West: 1-888-308-8843 / West Coast: 1-888-419-2564. **DO NOT leave any problem unresolved**. If you must wait for the following workday to call B.E.A., leave the door inoperable until satisfactory repairs can be made. **NEVER sacrifice the safe operation of the automatic door or gate for an incomplete solution**. Web: [www.beasensors.com](http://www.beasensors.com)