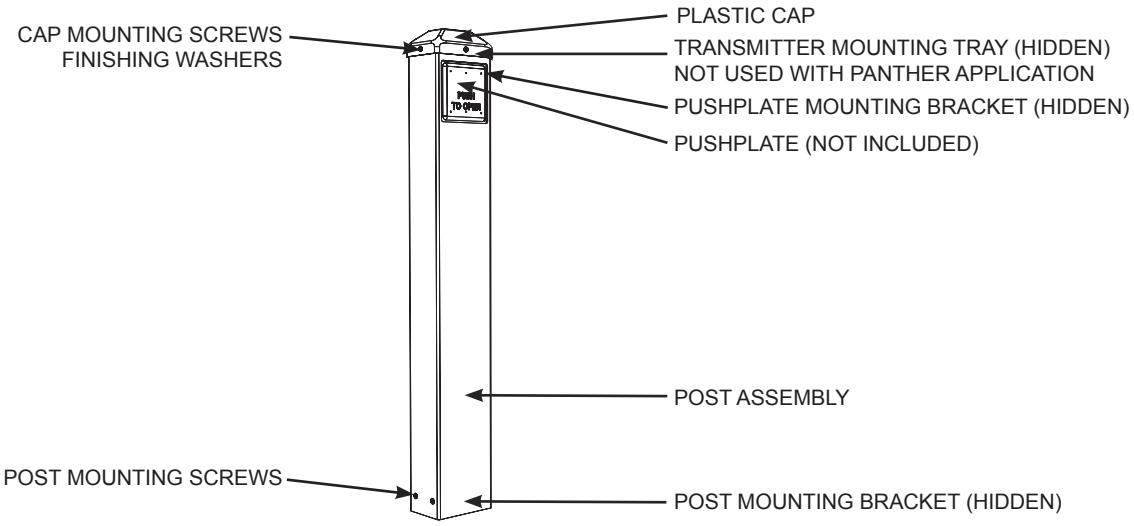
OPEN UP NEW HORIZONS
A HALMA COMPANY

BOLLARD USER'S GUIDE

MOUNTING POST FOR PUSHPLATES

1 Description

The Bollard (Black-10BOLLARDBLK, Bronze-10BOLLARDBRZ & Silver-10BOLLARDSLV) is used for mounting pushplates that activate automatic doors. It will accept BEA's 4 ½" Square Pushplate, 4 ¾" Square Pushplate, 4 ¾" Panther Pushplate, Dual Vestibule Pushplate and 4 ½" Round Pushplate. The post is made of durable carbon steel and the mounting bracket is made of stainless steel for strength. It can be mounted on either existing concrete or newly poured concrete.



2 Specifications

DESCRIPTION	SPECIFICATION
Dimensions (with cap attached)	41 ½"H x 6 ¼" W x 4 ¼"D
Material • Post • Cap • Bracket	 Powder-Coated (Inside and Out) Carbon Steel UV-Resistant ABS Plastic Stainless Steel
Pushplate Options	4 ½" Square Pushplate, 4 ¾" Square Pushplate, 4 ¾" Square Panther Pushplate, Dual Vestibule Pushplate and 4 ½" Round Pushplate
Weight	35 lbs (16 kilos)
Color	Black, Bronze, Silver
Hardware (Included) - Bracket - Cap - Post	Expansion Anchors (4), Lock Washers (4) & Nuts (4) Screws (3) & Finishing Washers (3) Screws (4)

3 Precautions

CAUTION

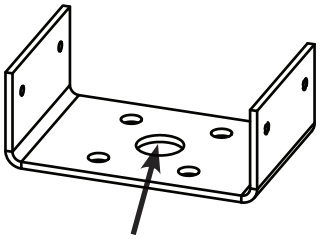
- ❑ Shut off all power before attempting any wiring procedures.
- ❑ Maintain a clean & safe environment when working in public areas.
- ❑ Constantly be aware of pedestrian traffic around the door area.
- ❑ Always stop pedestrian traffic through the doorway when performing tests that may result in unexpected reactions by the door.
- ❑ Always check placement of all wiring before powering up to insure moving door parts will not catch any wires and cause damage to equipment.
- ❑ If applicable, ensure compliance with all applicable safety standards (i.e. ANSI A156.19 / A156.10) 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 resulting in a voided warranty.

4 Pre Installation Check

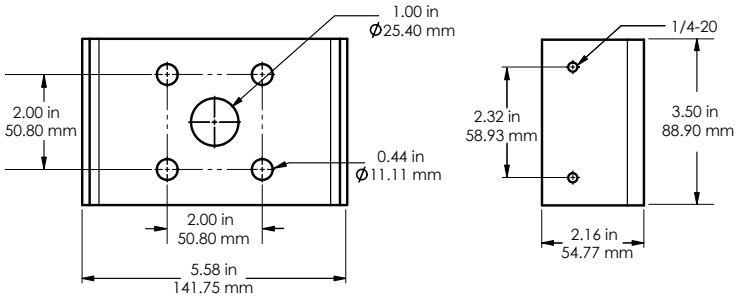
1. When preparing to wire multiple devices together for a 'system' configuration, it is best to ensure the correct operation of each device independently before starting to help reduce troubleshooting time later in the event of a discrepancy.
2. Prior to installing any equipment, ensure correct line voltage and stability. When applying equipment on a new installation utilizing new electrical supply circuits, always ensure correct line voltage exists and is stable. Remember to shut the power back off after this is checked and before performing any wiring to the system.

5 Installation

1 Mounting Bracket

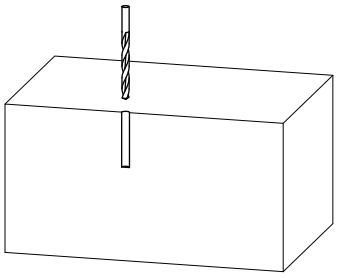


FOR HARD WIRING, RUN WIRE/
CONDUIT THROUGH 1" DIAMETER HOLE

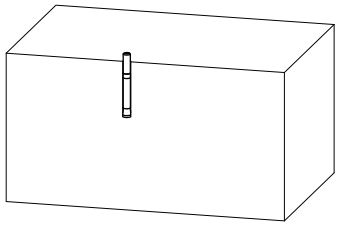


1. The Bollard is designed to house a pushplate used to activate a door by either a remote controlled transmitter or hard wired directly to the door control. If the door is hard wired, pass the wire through the 1 inch diameter hole in the mounting bracket.

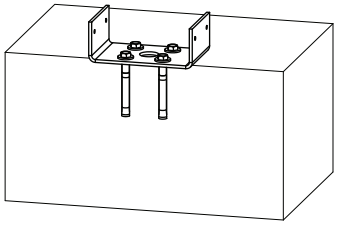
2 Attach Mounting Bracket (Expansion Anchors)



1. Mark and drill 3/8" diameter hole in four locations.

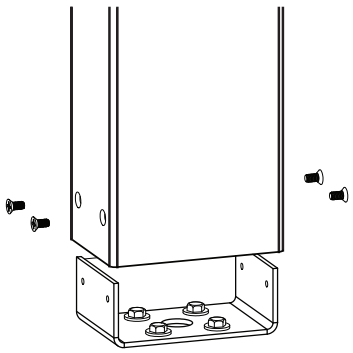


2. Hammer in and set anchor in four hole locations.



3. Install and tighten nuts to secure mounting bracket.

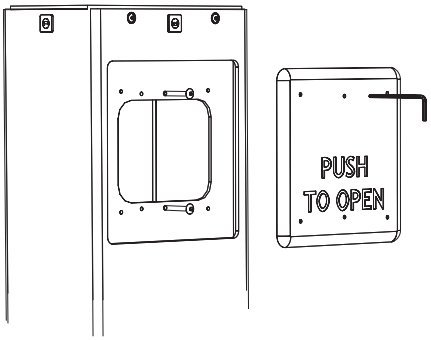
3 Attach Post to Mounting Bracket



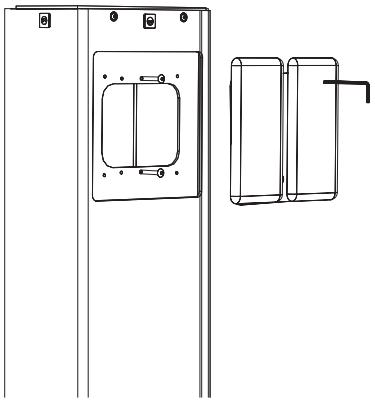
1. Align post to mounting bracket and attach post to mounting bracket with four post mounting screws.

5 Installation (Continued)

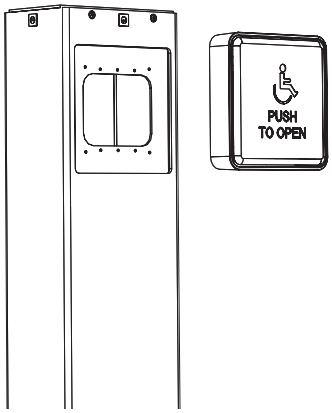
4 Install Pushplate



PUSHPLATE INSTALLATION



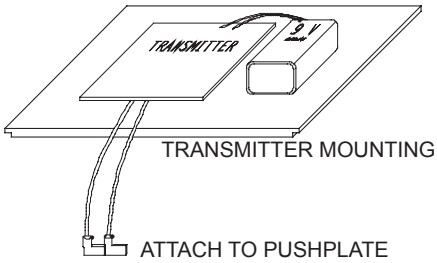
DUAL PUSHPLATE INSTALLATION



PANTHER PUSHPLATE INSTALLATION

1. Thread the pushplate screws into the mounting box leaving a majority of the screw exposed. Attach the pushplate to the mounting screws, then use the hex key provided to fully tighten the screws. Refer to the appropriate Pushplate User's Guide for detailed installation and setup instructions.

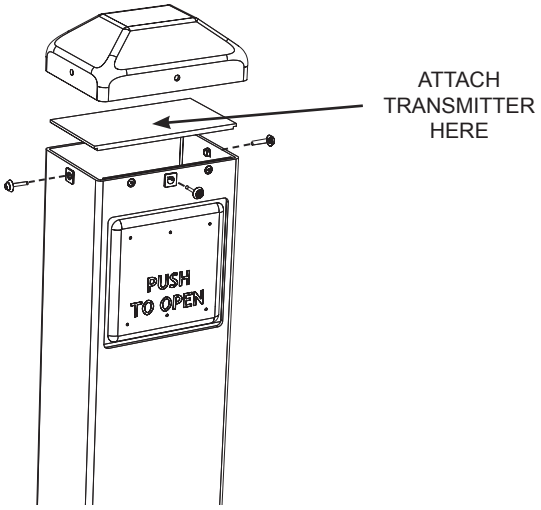
5 Attach Transmitter



TRANSMITTER MOUNTING TRAY

ATTACH TO PUSHPLATE

NOTE: PANTHER PUSHPLATES DO NOT REQUIRE A TRANSMITTER.



CAUTION: IF THE TRANSMITTER IS ALLOWED TO HANG DOWN INSIDE THE BOLLARD, ERRATIC OPERATION MAY OCCUR.

1. If using the transmitter for this application, attach transmitter to mounting tray with velcro pad included in the package. Hardwired systems do not require this step.
2. Attach plastic cap to top of the post with three cap mounting screws. Tighten screws with hex key included in the pushplate package.

6 Company Contact

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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.

Our Service Technicians can be called 24 hours a day, 7 days a week. For more information visit www.beasensors.com.

Phone: 1-800-523-2462		Fax: 1-888-523-2462	
After Normal Business Hours			
West / Mexico 1-888-419-2564	Central 1-800-407-4545	AK, MI, WI, TX, Canada 1-866-836-1863	East 1-866-249-7937