












Applications

This pedestrian-activated or remote-activated crosswalk beacon is the perfect solution for temporary or permanent locations:

-  **Crosswalks** Great for any mid-block or uncontrolled crosswalk.
-  **Fire Stations** Give your emergency vehicles a chance to enter the roadway by alerting drivers.
-  **Parking Lots** From shopping malls to private industrial sites, they're all a hazard for pedestrians.
-  **Construction Sites** Aid pedestrians in crossing away from construction sites and closed sidewalks.
-  **College Campuses** Busy and packed with pedestrians.

Benefits

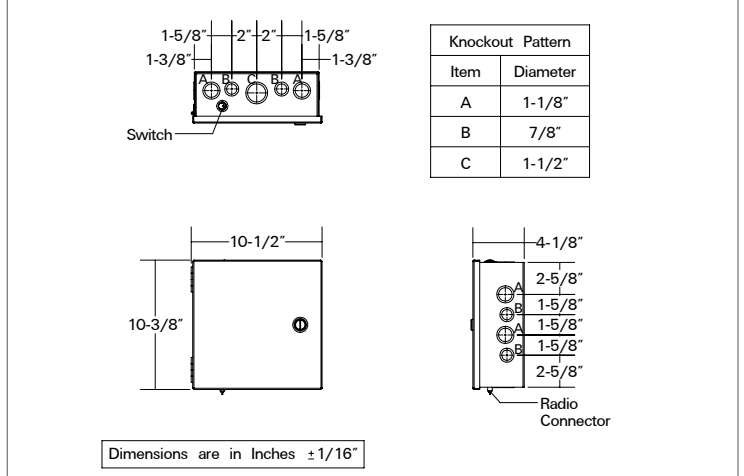
-  **High Quality** Designed and manufactured in North America.
-  **Clean Technology** Solar-powered and wireless to save on power bills and end roadway trenching.
-  **Flexible** Adjustable flash pattern and activation duration to accommodate varying traffic conditions.
-  **Reliable** Energy management system to ensure operation under all environmental conditions.
-  **Simple** Installs in minutes to minimize traffic disruption and allow for relocation and re-purposing.
-  **Elegant** Self-contained, cabinet-free, discrete design to enhance streetscapes and inhibit vandalism.

Introduction

Configurations including remote transmitters consist of two integral components: the transmitter and the beacons. Positioned inside a traffic cabinet (or other weatherproof enclosure), the manually activated remote transmitter is connected to a pedestrian pushbutton. When the button is pressed, the transmitter communicates with Pedestrian-Activated AB Beacons installed several hundred yards away from the transmitter.

These AC-powered transmitters and solar powered beacons are designed for hundreds of activations per day to withstand extended usage.

AB-4612 Transmitter: Cabinet mounting



Specifications

System Overview

Operation	Pedestrian push button activation Provides remote activation for beacons
Operating temperature	-40°F to +165°F (-40°C to +74°C)
Controller input voltage	12 V DC

Communication

Type	ISM spread spectrum radio, 902-928 MHz
Range	Up to 0.5 miles (800 m) with line of sight
Network addresses	8 unique addresses to avoid interference between multiple crosswalk locations
Compatibility	All AB family units

Physical Design

Configuration	Transmitter control box with external antenna
Enclosure rating	CSA Enclosure Type 1
Color	Grey
Material	Powder coated aluminum
Weight	Approx — 9 lbs. (4 kg)
Mounting	Must be enclosed in weather proof cabinet Mounting holes provided Antenna mounted separately

Warranty

5-year Limited Warranty for defects in workmanship and materials (excludes batteries and vandalism)

Compatible Beacon Styles

Beacons for the Pedestrian-Activated AB system are available in several configurations with 8" or 12" round LED signals.



1400 Series:
Single, pole top mounting



2400 Series:
Dual, pole top mounting



3400 Series:
Dual, overhead mounting



7400 Series:
Dual, vertical pole mounting

Contact

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+1.250.544.1640
+1.800.990.2454
www.jsftech.com



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