














## Applications

This hand held transmitter 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. When the transmitter button is pressed, the transmitter communicates with Pedestrian-Activated AB Beacons installed up to several hundred yards away from the transmitter.

These hand held transmitters can allow the user to activate the beacons from the comfort of their truck or nearby office without the need of trenching or additional installations. This may be necessary for work sites, slow-moving work crews on busy roads and even temporary installations.

The compatible solar powered beacons are designed for hundreds of activations per day to withstand extended usage.

## AB-4500 Transmitter: Hand held

Dimensional drawing coming soon.

## Specifications

### System Overview

|                   |   |
|-------------------|---|
| Operation         | Push button activation<br>Provides remote activation for beacons              |
| Battery storage   | C-cell 1.5 V  |
| Communication     |   |
| Type              | ISM spread spectrum radio, 902-928 MHz  |
| Range             | Up to 1000 feet (300 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 | Fully self-contained                                      |
| Color         | Grey, black, green or yellow                              |
| Material      | Powder coated aluminum                                    |
| Weight        | Approx — 1 lbs. (0.5 kg)                                  |
| Mounting      | None - Hand held<br>Not suitable for extended outdoor use |

### 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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