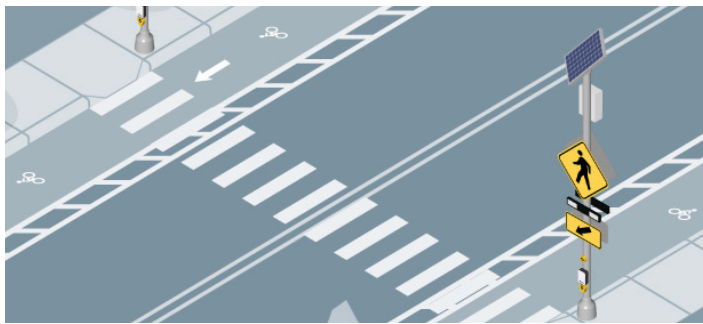


## iNX

### MIDBLOCK CROSSING SOLUTION

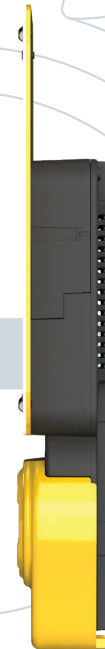
Step up accessibility at non-intersection crossings with an MUTCD-compliant, single-unit Audible Information Device (AID).

- Supplies blind and low-vision pedestrians with audible information equivalent to visual signage at unsignalized crosswalks
- Can be used in conjunction with rectangular rapid flashing beacons (RRFBs) and other flashing crosswalk systems
- Self-contained system includes push button, instructional sign, LED light, and speaker
- Easy installation and programming with Polara's Field Service App
- MUTCD and ADA compliant



### ENERGY EFFICIENT & COST-EFFECTIVE

Each iNX is self-contained, with no control boards needed. Low power requirements make the iNX ideal for solar- and battery-powered installations. Combined with secure button-to-button Bluetooth® sync, this can eliminate the need for costly trenching.



▲ Compatible with all major RRFB systems

### DURABLE DESIGN & TECHNOLOGY

With a rugged cast aluminum cover and back plate, wide temperature tolerance, and abuse-resistant low profile, the iNX shrugs off weather and vandalism. With no mechanical switches to fail, the ultra-reliable Hall-effect button has been tested to 20,000,000+ operations.

### SIMPLE WIRELESS PROGRAMMING

The iNX is easily programmed using our industry-leading Field Service App, available for iOS® & Android® – no expensive software or proprietary devices required! The app allows technicians to configure system settings and sounds, as well as access actionable data on button counts, flashing cycles, and more.



**TAKE THE NEXT STEP!**

[sales@polaraent.com](mailto:sales@polaraent.com) | 903.366.0300

## iNX FEATURES

- Instructional 9"x12" retro-reflective sign with tamper-resistant screws.
- ADA-compliant push button with field adjustable directional arrow.
- 10-watt audio amplifier.
- Microphone to automatically adjust sounds to ambient noise level.
- Weather resistant modular speaker, field-replaceable.
- Spanish audio message available.
- Firmware updates, audio, volume, and other configurations set over Bluetooth® with the free Polara Field Service App, (iOS® & Android®).
- Warranty: 3 year limited.

### •FHWA & MUTCD Compliant:

- Meets Audible Information Device requirements.
- One yellow LED that flashes when warning lights are flashing.
- Standard Message: "Warning lights are flashing" (repeats twice).
- Locator Tone.
- No vibrotactile or percussive indications.



## iNX SPECIFICATIONS

### Operating Specifications

Parameter	Rating
Operating Temp. Range	-34°C to +74°C (-30°F to +165°F) <sup>†</sup>
Storage Temp. Range	-45°C to +85°C (-50°F to +185°F)
Operating Force	3.0 lbs max, option of 3 adjustable programmed forces
Switch Operating Life	Greater than 20 million operations
Max. Volume	100 dB @ 1 meter

Notes: Designed to comply with applicable sections of referenced standards All specifications are subject to change without notice. All specifications are typical unless otherwise specified.

### Electrical Properties

#### DO NOT APPLY AC VOLTAGE TO THIS SYSTEM!

DC In	10-24 VDC
Button	7-32 VDC
Lights In	7-32 VDC
Idle Current Draw	~15mA @ 12 VDC (Locate Tone With Default Settings)
Peak Current Draw	~500mA with Voice Message at maximum

### Mechanical Properties

#### Physical

Enclosure Type	Plastic sealed housing, powdercoated cast aluminum cover and backplate
Installation	3/4" or smaller banding or 2 tapped 1/4-20 holes on 6" centers; 1/2" or larger hole for wire access

#### Dimensions

Width	9" (with 9x12" sign) / 5.1 (without sign)
Length	18.2" (with 9x12" sign) / 14" (without sign)
Maximum Height	2.6"

### Design Compliance

Functionality Test Type	Compliance
Functionality	MUTCD 2009-4E
Temperature and Humidity	NEMA TS2
Mechanical Shock and Vibration	NEMA TS2
iNX Enclosure	NEMA 250 Type 4X

The Bluetooth® word mark and logos are registered trademarks owned by Bluetooth SIG, Inc. and any use of such marks by Polara is under license. iOS is a registered trademark owned by Cisco Systems, Inc. licensed to Apple Inc. Android is a trademark owned by Google LLC.

