

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!
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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: "Yellow 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)*
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

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