



## AGPS 400A Accessible Pedestrian Station



### FEATURES

- Data Collection
- Night Mode Volume
- Forward Facing Speaker
- Simple Installation

### KEY BENEFITS

- Independent Locations
- 4-wire Interface
- Event Tracking Log
- Ped Count/Call Data
- Laptop Interface
- Simple Menu Utility
- NEMA TS 2 Certified
- Meets MUTCD Guidelines



### Overview

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Regardless of physical capability, pedestrians are finding it more challenging to cross safely at signalized intersections. The AGPS 400A retro-fit converts a 400 Series push button pedestrian station into a fully interactive accessible pedestrian signal able to provide audible, tactile, and visual indications at the crosswalk.

### Independent Station

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A locator tone, controlled with ambient gain compensation, tells a pedestrian that the crossing is equipped with APS and where it can be found. An extended press provides specific intersection information and access to additional functions. The audible walk tone or message is accompanied by a vibro-tactile indication during the visual walk display. Optional clearance phase indications may provide additional information to the pedestrian where appropriate.

### Agency Benefits

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The AGPS 400A is designed around flexibility and ease of use. Each unit is configured at the factory, but customization and data extraction are simply obtained by utilizing any laptop with a USB connection. A menu driven utility guides the user through set up and downloads effortlessly. Night mode volume controls along with forward facing speakers incorporate Quiet Signals Technology to accommodate residential and evening business considerations.

### Installation

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Ready to install out of the box, a four conductor cable interfaces to the Signal Power Interface (SPI) in the pedestrian signal head. All adjustments and settings are made at the pedestrian station.

Aesthetically pleasing extension brackets are available allowing stations to be mounted within accessibility guidelines.



## Technical Specification

Configuration	Type
Interface	Windows Utility
Audio File update	USB
Data Format	CSV
Firmware Upgrade	USB

Parameter ( SPI )	Rating
Input voltage	85 -135 VAC
Output voltage	12V DC
Connection	4 wire
Dimension	2 3/4 x 3 1/2 x 1 7/8"



SPI



USB

Parameter	Rating
BS Size	5 x 12 x 1 3/4 "
BS Weight	7.0 lbs
Power (rest)	0.48W @ 120 VAC
Current (rest)	4 mA @ 120 VAC
Max Power	1.68 W
Switch life	100 x 10 <sup>6</sup>
Operational force	< 3lbf
Operating Temp Range	-40C to +85C
Max Volume	100dB @ 1m
AGC Range	Adjustable 0 - 5dB over ambient
Audio Output Options	Default plus 4 options
LED	3000 mcd , 160 degree viewing angle
Volume control	Fully adjustable, independent channels
Reporting	Pedestrian Usage, Event Logging, System Evaluation
Synchronicity	Beaconing, Group Walk
Night Mode	Volume, Recall
Selectable Options (options selected via lap top USB connection via a menu drive utility)	EP APS, Vib Pulse Call, Recall, Beaconing, Group Walk, Walk time out, Locator Tempo, EP Time, Vib Intensity
Sizes	5 X 7 3/4 , 5 X 9", 9 X 12 ", 9 X 15"
Warranty	3 year
Test Type	Compliance
Functionality	MUTCD 2009 4E, TAC
Transient Voltage Protection	NEMA TS2
Mechanical Shock and Vibration	NEMA TS2

Additional information can be found at: [www.pedsafety.com](http://www.pedsafety.com)

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