



**NOVAX**  
INDUSTRIES CORPORATION



## AUDIBLE PEDESTRIAN SIGNAL *DS3000 Series*

### State-of-the-Art Pedestrian Safety

*The DS3000 Series APS units provide improved crosswalk safety for visually impaired pedestrians. With digital technology for programmable flexibility, the DS3000 is the most advanced APS device available.*

#### INTELLIGENT & HELPFUL:

- **Dynamic Proportional Volume Compensation** keeps the DS3000 audible above (+5 dB adjustable preset) ambient street noise.
- **Optional VibraWalk2** incorporates **Locator Sound** to guide pedestrians to the pedestrian pushbutton.
- **Optional VibraWalk2** indicates crossing direction with **Vibrating Tactile Arrow** when the WALK signal is on.

#### FRIENDLY:

- **Button Actuated Timer (BAT)** ensures WALK sounds are generated only when needed. The audible signal is actuated to trigger with the walk visual signal only after pedestrian pushbutton is depressed for 3 seconds (user-adjustable).
- **Sound Inhibit** interacts with the traffic signal controller to disable the audible signal during complex traffic phases or as required.
- **Max Walk Timer** is user selectable, up to 18 seconds for rest in WALK applications. Audible signal will play WALK sound only for the time selected then will turn off and pole locator sound will resume.

#### FLEXIBLE:

- **4 Walk, 4 Don't Walk** "Cuckoo" & "Peep" sounds approved by Transportation Association of Canada and other North American transportation authorities.
- A **digital audio synthesizer** within the DS3000 allows customized voice and sound messages up to 32 seconds long.\*

#### RELIABLE:

- Advanced electronics offers minimum power consumption and long unattended life. A rugged case protects the components and a heavy duty arm protects connecting cables from vandalism.



\*The creation of such customized messages requires a compatible PC and e-prom programmer.



## AUDIBLE PEDESTRIAN SIGNAL DS3000 Series

### SPECIFICATIONS

Electrical:	4 wire 20 gauge. (Power derived from Walk and Don't Walk indicator)
Power:	115VAC $\pm$ 20VAC, 60Hz.
Transient Protection:	Common and Differential mode
Dimensions / Weight:	cm: 12.5L x 9.4W x 12.5H (5" x 3.75" x 5") / 1.59 Kg (3.5 lbs)
Output:	Adjustable, 0 - 90 dB @1 meter. Dynamic Proportional Volume Compensation self-adjusts output to +5 dB above street noise, up to a maximum of 90 dB.
Colour:	Standard - polyester powder coated grey, Special - customer specified colours available.
Temperature:	Operational from -37 °C to +74 °C.
Enclosure:	Weather-Proof Housing. External Adjustments. No Dismantling Required.
Loudspeaker:	Water-Proof, UV Resistant, Vinyl Impregnated Cloth.
Mounting:	1/2" Conduit Fitting.



### VibraWalk2

- Guides pedestrians to the pushbutton with an audible cue of a steadily clicking or ticking sound.
- Indicates the crossing direction by means of a vibrating tactile arrow that is easily felt even when wearing a glove.
- Long-life mechanical switch with high visibility powder coated yellow button.
- Rugged powder coated cast aluminum housing.
- Dimensions: 3.25 x 7 x 3.25 inches (8.3 x 17.8 x 8.3 cm)
- Power: +/- 12 VDC
- Weight: 1.36 kg (3.0 lbs)

### DS3000i

- Internal mount version.
- Typically mounted inside pedestrian signal head.
- When combined with VibraWalk2 all sounds are audible at the pushbutton level.
- Requires optional external speaker to provide overhead beacon.



*Specifications subject to change without notice.*

**NOVAX** INDUSTRIES CORPORATION  
658 Derwent Way, New Westminster, BC, Canada V3M 5P8  
Toll Free: 1.866.977.4APS (1.866.977.4277)  
Tel: 604.525.5644 Fax: 604.525.2739  
E-mail: [general@novax.com](mailto:general@novax.com)

Novax\_DS3000\_4-05

[www.novax.com](http://www.novax.com)

