



**NOVAX**  
INDUSTRIES CORPORATION

Intelligent transportation solutions.



DS100 Series

## DS100 Series

### Audible Pedestrian Signal

#### SAFETY FOR THE VISUALLY IMPAIRED

DS100 Series APS units improve crosswalk safety for visually impaired pedestrians. For a broad range of basic functions, the DS100 Series offers great value at reasonable cost.

- **Up to 4 Walk** "Cuckoo" & "Peep" **sounds approved** by Transportation Association of Canada and other North American transportation authorities.
- **Dynamic Volume Compensation** for high audibility.
- **Customized** voice messages (optional).
- **Easy Installation**—no internal adjustment required.
- **Sound Inhibit or Button Actuated Timer** (optional) for noise sensitive areas.

**RELIABLE:** Advanced electronics offers minimum power consumption and long unattended life. Most adjustments can be made without opening the case. The rugged case shields the components against the elements and the heavy duty locking swivel arm protects connecting cables from vandalism.

**INTELLIGENT:** *Dynamic Proportional Volume Compensation* monitors ambient noise level and adjusts output to ensure audibility of signal. Normally preset to +5 dB above ambient noise.

**NOISE-FRIENDLY:** **Sound Inhibit** (optional) allows the audible signal to be disabled at sensitive periods, during complex traffic phases, or as required.

#### **Button Actuated Timer (BAT)**

(optional) generates *WALK* sounds only when needed: Holding the *WALK* button down for 3 seconds (duration is adjustable) actuates the audible signal to trigger with the *WALK* visual signal.



AUDIBLE PEDESTRIAN SIGNAL

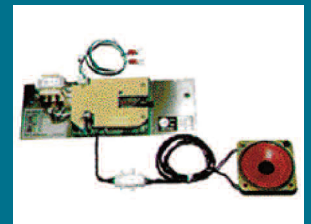
# DS100 Series

## SPECIFICATIONS:

Electrical:	4 wires 20 gauge. (120 VAC from pedestrian indicator)
Power:	115VAC $\pm$ 20VAC, 60Hz, 3 Watts.
Transient Protection:	Common mode; fuse
Dimensions: cm:	13L x 10W x 13H (5" x 3.75" x 5")
Output:	Infinitely adjustable from 0 to 90 dB @1 meter. Output self-adjusts to +5 dB above street noise level, up to a maximum of 90 dB.
Color:	Standard grey dry powder coated; other colours customer specified.
Temperature:	Operational from -37°C to +74°C (-35°F to +165°F)
Enclosure:	Weather-proof housing. External adjustments—no dismantling required.
Loudspeaker:	Water proof, UV resistant, vinyl impregnated cloth.
Mounting:	Positive lock heavy-duty swivel.
Weight:	Approximately 0.3 Kg (0.75 lbs.).
Conformance:	Canadian MUTCD (A6.10.3), FHA MUTCD (4E.06).
Certification:	Warnock Hersey approved to CSA C22.2

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



## DS200 Internal Mount

The DS100 Series is available as a panel mount unit designed for installation within the pedestrian signal head.

## ORDERING OPTIONS

The DS100 Series APS is available in a wide variety of configurations. Use the part number guide shown below to configure a unit that suits your needs. Sample #: DS104A-BAT-EPIDC040-S

Series: Digital Signal	DS	0							
Enclosure Type:	1	—	Extruded, ruggedized (standard)						
	2	—	Panel 26 x 9 cm (10.25" x 3.5") for installation within pedestrian signal light head						
Reserved:	0								
Number of Sounds:	1	—	Single Sound (typ. for voice announcement)						
	2	—	Dual Sound (typ. Chirp/Cuckoo, standard)						
	3	—	Tri Sound (typ. custom)						
	4	—	Quad Sound (typ. TAC Standard or Custom)						
Sound Level Adjust:	A	—	External adjustment on front face (standard)						
	I	—	Internal adjustment only for greater security						
Reserved									
Sound Inhibit Voltage:	24	—	For 24VDC interface (standard)						
	120	—	For 120VAC interface						
Option:	No Number or Letter	—	None						
	BAT	—	Button Actuated Timer for timed button control adjustable for 0-15 second sound output duration (NOTE: The BAT option disables the Sound Inhibit feature; these features are NOT available together.)						
Sound Program :	S	—	Chirp/Cuckoo (standard, EPIDC020).						
	EPIDC040	—	Transportation Association of Canada 4-sound standard						
	EP	—	Custom Sound, including sounds, melodies, voice, etc.						
Colour:	S	—	Gray (standard)						
	Y	—	(federal yellow),						
	G	—	(hunter green),						
	B	—	(black)						
		—	Custom colors						

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Sample#:  
DS104A-BAT-EPIDC040-S



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