



AUDIBLE PEDESTRIAN SIGNAL

"Cukoo" & "Peep-Peep" Chirping with Customized Recordable Electronic Message Capability



US REFLECTOR

43 Franklin St East Hartford CT 06108

www.usreflector.com



MODEL P8 Pedestrian Signal

16" x 18" Polycarbonate

The DS-100 Audible Pedestrian Signal helps the visually handicapped, senior citizens and children cross intersections safely. Working in conjunction with existing pedestrian signals, it produces a separate and distinctive sound for both North/South and East/West crossings. The DS-100 meets the requirement of Americans With Disability Act and is authorized by California and Canadian M.U.T.C.D. With its universal mount, the DS-100 is easily installed on any existing pedestrian signal and delivers up to 4 Walk "Cuckoo" and "Peep" sounds approved by Transportation Association of Canada and other North American Transportation Authorities.



FEATURES

- **Meets Requirements of Americans With Disability Act.**
- **Authorized by California and Canadian M.U. T.C.D.**
- **Government Funding Available.**
- **Field-Proven 100%Reliability**
- **Customized Voice Messages (optional)**
- **Easy Installation - No Internal Adjustment Required.**
- **Sound Inhibit or Button Actuated Timer (optional) for Noise Sensitive Areas.**
- **Dynamic Volume Compensation for High Audibility.**
- **Up to 4 Walk "Cuckoo" & "Peep" Sounds Approved by Transportation Association of Canada and Other North American Transportation Authorities.**

EASY INSTALLATION

With its universal mount, the DS-100 is easily installed on any existing pedestrian signal. Power is fed from the existing signal.

GOVERNMENT FUNDING

Funds for audible pedestrian signals are available through the Federal Community Development Block Grant (CDBG) program, which is distributed to Cities and Counties. City handicapped committees, such as the "Committee for Removal of Architectural Barriers" or "504 Committee", can petition Cities and Counties for these funds. State funds, such as California's "Bicycle Pathways" (Senate Bill 815 funds), may also be used to purchase audible pedestrian signals.

FEATURES

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 Time (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.



CUSTOMIZED MESSAGES

Play customized messages or sounds up to 15 seconds long. Directly recordable into DS 100 or Factory Programmed

Please specify powder coated finish when ordering



SPECIFICATIONS

OUTPUT 1	
"Cuckoo" - North/South. Electronic bird chirping by method of two (2) combined frequencies.	
Duration	0.6 seconds +/- 20%
Frequency Base	1,100 Hz +/- 20%
Frequency Deviation	120 Hz +/- 20%

OUTPUT 2	
"Peep-Peep" - fast/West. Electronic bird chirping by method of continuous variation.	
Duration	0.2 seconds +/- 20%
Frequency Base	2,800 Hz +/- 20%
Frequency Deviation	-800 Hz +/- 20%

DIMENSIONS	
Size	5" H x 3.75" W x 5" D (127 x 95 x 127 mm)
Weight	3 lb (1.36 kg)
Power Requirements	115 VAC +/- 20% 60 Hz, 3 watts
Humidity Range	5-95% relative humidity
Temperature Range	-35° to -165° F (-37° to 73° C)
Output	90 db @ 1 watt / 1 meter
Self switching to one of two adjustable output levels depending on ambient noise conditions)	
Transient Protection	Common mode; fuse
Warranty	2 years
Certification	Warnock Hersey approved to CSA C22.2