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BIRD-LITE, MODEL BSL

INSTRUCTION MANUAL

INTRODUCTION

Since 1964, industry leader Bird-X, Inc. has been recognized worldwide as the 'Bird Control X-Perts,' – the only company that sells a complete line of effective and ecologically safe bird repelling products including ultrasonic and sonic sound devices, visual scares, non-toxic chemical roost inhibitors, iridescent diffraction foil, netting, and polycarbonate & stainless steel needle strips. New products are continuously being developed. Bird-X specialists have become experts through long experience and extensive research. Our consultants are able to analyze problems and make recommendations based on each customer's needs.



The Bird-Lite can be most effectively employed in dark or very dimly-lit areas, as it utilizes the intense flashes of light and the shadows they create to frighten birds away. Effectiveness decreases dramatically as ambient light increases.

PRE-INSTALLATION

No two bird infestation problems are exactly the same. Begin with research. Information related to the bird problem will influence the actual installation and its success:

Survey the birds. Type? Population? Patterns? If possible, start your bird control regimen before the "bird season" begins.

Survey your property. What do birds find attractive about your area? Can it be changed?

Remove all inducements. Eliminate nests, fledglings, droppings, dead birds, and the residual scent. Also remove food spillage, garbage, nesting material and other appealing items. Respiratory protection should be worn. Call in professional help for heavy accumulations of droppings, which can carry disease.

Maintain a clean, changing environment. Continue to clean nests, debris and droppings.

Install early. Install before "bird season" begins; it is easier to keep the birds away than to rout them out once they have already established residence.

Consider alternate locations. Are there nearby locations where birds may go when they leave their current area? You may require a multi-unit Bird-Lite installation to prevent the birds from just moving from one area of your building to another.

INSTALLATION

I. POSITIONING

- **Avoid obstructions.** Make sure the Bird-Lite is off center. Do not allow beams, rafters, etc. to provide shelter for the birds from the intense light pulses. In other words, do not align the Bird-Lite directly with any structural members. Stagger multiple Bird-Lites in the same way that seats are staggered in a theater to provide a better line of sight.
- **Vertical Orientation** - birds tend to roost on the same general level in a given enclosure. Therefore, position the Bird-Lite as close as possible to the vertical level of the roosting birds, while still following the "off-center" rule. Locate slightly higher than the birds' level whenever possible. This further reduces the possibility of the birds being sheltered from the light.

- **Area Coverage** - the Bird-Lite's coverage area is circular and the effective range is inversely proportional to the ambient light. Under optimum conditions of a dark or dimly-lit building with ambient light of 10 foot candles or less, the Bird-Lite will provide approximately 10,000 square feet of coverage. This coverage represents a circular area with a radius of approximately 55 feet (diameter of 110 feet). Effective coverage diminishes greatly with increased ambient light.
- **Accessibility** - while maintenance will not often be required, the Bird-Lite should be easily accessible for your own convenience.

II. MOUNTING

Follow instructions enclosed with mounting hardware. The Bird-Lite may also be permanently mounted to an electrical junction box or 1/2 inch thinwall tubing by using the enclosed fitting.

III. OPERATION

Use your Bird-Lite when the lighting level and activities are at their lowest and the birds are most likely to roost. Installing an electrical timer to turn the Bird-Lite on and off may be helpful in accomplishing this. Do not let the unit run constantly lest the birds become accustomed to it.

IV. ELECTRICAL

Connect to alternating current sources only (AC). There is no need to observe hook-up polarity.

WARNING

Wait for at least one minute after disconnecting power before removing the dome and handling the bulb. Allow the large storage capacitor to discharge fully before dismantling Bird-Lite.

When installing, connect main power leads through a suitable ON-OFF switch and be sure that the power is off when connecting the Bird-Lite. Potentially dangerous voltages could present a shock hazard. Avoid having the Bird-Lite operate unless it is installed in the housing.

V. MAINTENANCE

Dirt and dust on the Bird-Lite will reduce effectiveness. Clean the unit with lukewarm water and soap as needed. Never use a solvent cleaner or abrasive material on the dome.

PARTS LIST FOR BIRD-LITE MODEL BSL

Part No.	Description
55-3513	Strobe Flash Tube
20-6015-C	Outer Clear Dome
20-6017-R	Color Insert Panel, Red
20-6019	Color Insert Panel, Blue
20-0218	Inner Fresnel Dome
20-6002	Housing
20-6010	Dome Locking Ring

WARRANTY

Bird Strobe Light is warranted against defects in materials and workmanship for a period of one year from the shipping date. At the option of Bird-X, Inc., the defective unit will be either replaced or repaired.

SYNERGY AND OTHER PRODUCTS

For best results, use Bird Strobe Light in conjunction with one or more other products. The combination of different types of control methods has proven to maximize the effectiveness of bird control programs.