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BIRD STROBE LIGHT

INTRODUCTION

Since 1964, Bird-X, Inc. has been recognized worldwide as the Bird Control "X-Perts" - the only company anywhere that sells a *complete* line of effective and ecologically safe bird repelling products, including ultrasonic and sonic sound generators, visual scare devices, non-toxic chemical roosting inhibitors, iridescent diffraction foil, netting, and polycarbonate needle strips. New products are continuously being developed.

Bird-X, Inc. specialists have become experts through long experience and extensive research. Our sales consultants are able to analyze problems and make recommendations based on each customer's needs.

Our Model BSL Bird Strobe Light, a Stroboscopic Bird Repeller, is most effective in dark or very dimly lit areas, as it utilizes the intense flashes of light and the shadows they create to frighten pest birds away. Effectiveness decreases dramatically as ambient light increases.

WHY CONTROL BIRDS?

- Droppings are unsightly, unappealing, and render walking surfaces underfoot slippery and dangerous.
- Birds and their droppings create unsanitary conditions and can cause over 60 bacterial, fungal and viral diseases.
- Droppings cost money. Cleaning crews, related equipment, and time spent can be very expensive.
- Birds are destructive to property, equipment and merchandise.
- USDA, OSHA, health boards and other governmental organizations can cite, fine or shut down companies.

PRE-INSTALLATION

No two bird infestation problems are exactly the same. Success depends on timing, organization and diversity. Consider the following that may affect the installation and its success.

Warning: Birds carry numerous diseases that may be harmful or dangerous to your health. Wear a protective facemask, gloves and clothing to minimize exposure or avoid contact.

- **Survey the birds.** What is the type and population of birds, length of time of their residence, flight and time patterns, entries, exits, favorite areas, and nesting, feeding and roosting habits?
- **Survey your property.** Discover what the birds find attractive about your area (food, shelter, hidden recesses, etc.), and whether the same conditions prevail in neighboring properties.
- **Remove inducements.** Before installing, clean the area of nests, fledglings, droppings, dead birds, and the residual scent. Remove food spillage, garbage, nesting material and other items that may be appealing to birds.
- **Maintain a clean and changing environment.** Periodically clean the area of nests, debris and droppings.
- **Install before "bird season" begins;** it is easier to keep the birds away than to rout them out once they have already established a living pattern.
- **Use products synergistically.** Two or more different kinds of devices (Bird Strobe Light plus a physical barrier and/or a sound repeller) will produce a synergistic effect -- i.e., in combination the products will yield much greater effectiveness than Bird Strobe Light alone.
- **Consider alternate locations.** If birds are repelled from their current infestation, will it be easy for them to relocate to the other side of the warehouse? Install Bird Strobe Lights in these adjacent areas as well.
- **Familiarize yourself with the legal and public relations environment and laws in your area.**

SYNERGY WITH 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

INSTALLATION LOCATION

Use your Bird Strobe Light when birds are most likely to roost- when the lighting level is low in the evening.

- **Position to Avoid Obstructions.** Mount the Bird Strobe Light to offer maximum illumination of roosting and nesting areas used by the birds. Avoid mounting the light close to structural members (beams, rafters, etc.) that will shield the birds from the light pulses. When using multiple lights, stagger them when mounted, to provide multiple sight lines.
- **Vertical Orientation.** Birds tend to roost on the same general level in a given enclosure. Therefore, position the Bird Strobe Light level to or slightly higher than the birds' level whenever possible. This further reduces the possibility of the bird being sheltered from the Bird Strobe Light. Also see the above positioning rule to achieve maximum illumination.
- **Area Coverage.** The Bird Strobe Light's coverage area is circular. The effective range diminishes with increased ambient light. Under optimum conditions (a dark or very dimly-lit building with ambient light of 10 foot candles or less) the Bird Strobe Light will provide approximately 10,000 square feet of coverage. This coverage represents a circular area with a radius of approximately 55 feet.
- **Position to be Accessible.** Maintenance is required to re-lamp the strobe tube. Provide easy access for convenience.

MOUNTING

- Remove dome retaining ring, dome, metal circuit mounting plate and dome gasket from housing.
- Using the housing as a template, drill two mounting holes at the desired location.
- If mounting on a hollow or open structure, use the screws and toggle wings provided.
- If mounting on a masonry structure, provide lag screws and shields suitable for the material.
- If mounting on electrical conduit, provide a ½" EMT conduit fitting and connect to a standard electrical box.

ELECTRICAL CONNECTIONS

- Connect to a switchable AC power source, insuring that the power is off before connecting the light. Confirm operation of the light only with the housing installed, as there are dangerous voltages present on the circuit plate when energized (**see Warning below**).
- We recommend using timers or light sensors or motion sensors in combination with the unit to help startle the birds before they roost. We do not recommend constant powering of the unit, as the birds will become accustomed to the flashing and will diminish its operating life.

MAINTENANCE

- To maintain optimum light output, clean domes with lukewarm water and a non-abrasive, water-based soap as needed. Do not use solvents or abrasives.
- Strobe bulbs will darken and skip with age, requiring replacement after around 2000 hours of operation, dependent on conditions. **WARNING: Strobe tube operates at high voltage levels that may cause shocks, startling maintenance personnel when re-lamping. Allow product to discharge for 5 minutes after removing the power before dismantling the light.**

REPLACEMENT PARTS

Part Number	Description	Part Number	Description
553512	Replacement Strobe Flash Tube	206015	Outer Dome, Clear
206002	Housing	206017	Dome Insert Panel, Red
206010	Outer Dome Locking Ring	206019	Dome Insert Panel, Blue

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.