

# INSTRUCTION MANUAL: DEER GARD SILENT DEER REPELLER



## I. INTRODUCTION

Bird-X, Inc. has been recognized worldwide as the bird and pest control experts for more than 40 years and its specialists are able to analyze problems and make recommendations based on each customer's specific situation and needs.

## II. WHY CONTROL DEER?

- Deer are extremely destructive to plants, gardens, vegetables, flowers, trees and more.
- Deer ticks carry lyme disease.

## III. DEER MANAGEMENT PROGRAM

- Survey the deer and their entry, exit and feeding habits.
- Inspect your property. Discover what the deer find attractive about your area, and if the same conditions prevail in neighboring properties.
- Maintain a changing environment. For maximum effectiveness, periodically relocate or reposition the unit, vary the output, or turn it off for a short time.
- Install early. It is always best to install the DeerGard before "deer season" begins, as it is easier to keep them away than to rout them out once they have already established a pattern.
- Use products synergistically. Two or more different kinds of devices (DeerGard plus netting and/or a taste or smell aversion) will produce a synergistic effect --i.e., in combination, the products will yield much greater effectiveness than the DeerGard alone. Contact Bird-X, Inc. for information on "companion" products.
- Consider alternate locations. Make educated guesses as to where the deer will go when they leave their current infestation area, and consider purchasing units to cover these areas as well.

## IV. UNIT OVERVIEW

This adjustable-frequency, dual-operation, weatherproof unit repels deer. (The unit can also repel cats, dogs, armadillos, rodents, bats, insects and raccoons). An infrared motion sensor is built in.

## V. UNIT SET-UP

Gently pull off the back cover. Set the operation switch (upper right) to OFF.

Turn the frequency dial (upper left) to the desired pest.

On the operation switch, choose "MS AC or Battery" for the unit to operate briefly each time the motion sensor is tripped (works with both an AC adapter and batteries), or choose "CONT. AC Only" for the unit to operate continuously (works with an AC adapter only).

Turn "Sensitivity" dial to adjust motion sensor sensitivity.

**AC Adapter** Plug one end into the port underneath the operation switch and the other into any standard outlet. (If using outside, protect the outlet from weather). Run the cord through the notch on the bottom of the unit. Snap the cover back into place.

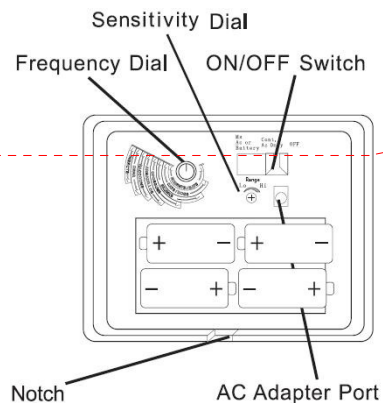
**Batteries** Install four "C" batteries as shown on the unit. Snap the cover back into place.

Expect coverage up to 4000 square feet in a generally oval pattern approximately 80 feet out in front of the unit, 50 feet wide. The speaker projects sound on a horizontal plane in one direction. The lower the sound frequency (clockwise), the greatest coverage. In dense foliage and/or large acreage, multiple units may be necessary.

## VI. INSTALLATION

Use the keyhole slots on the back to mount it on any building, wall or wooden post with nails or screws.

Point the speaker at the area you want covered. If installing outdoors, place the unit at least 3 feet above the ground for optimum range.



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## VII. TROUBLESHOOTING

- A. Check that the power switch of the unit is not OFF (in other words, either CONT AC Only or MS AC or Battery). If using batteries, check that they are good. If using the Continuous AC Only power setting, check that the outlet is good. If using the MS AC or Battery setting, only expect activation if there is motion.
- B. Reread the Deer Management Program section above. Check for and remove unusual incentives.
- C. Check the dial settings and ensure you have selected an appropriate range.
- D. If a specific dial setting causes a squeaking or scratching sound, rotate the dial slightly until the sound stops.

## VIII. PRECAUTIONS

Even though the top range of the DeerGard, 25 kHz, is above human hearing range (which averages, at top level, about 16 kHz), the intensity is great enough to present a chance of damage to the ear if it is directly exposed for an extended period of time at a distance of less than 10 feet. These units should definitely not be located at or near a place where someone will be located for a long time. Normally, this type of unit is located outside pointing away from a house or structure, and thus presents no problem when located in this manner. We suggest that when you are sitting or working within range of the unit, you turn it off, as human presence will normally deter the pests.

As with any electrical device, do not place the unit in or near water and do not mount it while standing in or surrounded by water.

Do not aim the product into neighboring yards or public areas, or at caged or leashed animals.

It is intended for use on your own property only. Some people with good high frequency hearing will be able to hear the unit at its lower frequencies. If this occurs, select a higher frequency.

## IX. WARRANTY

Manufacturer's Warranty: The DeerGard is warranted against defects in materials and workmanship for a period of six months from the shipping date. At the option of Bird-X, Inc., we will either replace or repair the defective unit. Prior authorization and a returned goods authorization (RGA) number will be necessary from Bird-X, Inc. RETURNS ARE ACCEPTED ONLY WITH AUTHORIZATION FROM OUR CHICAGO OFFICE.

## X. SYNERGY AND OTHER PRODUCTS

For best results, Bird-X, Inc. always recommends that the DeerGard be used in conjunction with one or more other products. The combination of different types of control methods has proven to maximize the effectiveness of pest deer control programs.

Call Bird-X, Inc. at (312) 226-2473 (BAN BIRD) for more information on companion products.

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### SPECIFICATIONS

Power Supply: 4 x 1.5V "C" batteries  
120 V AC adapter (if a different voltage adapter is needed, please purchase locally)  
Note: when using an AC adapter, the unit will automatically switch to battery (if batteries are in) during a power failure.  
Working Current: <200 mA  
Motion Sensor Activation: up to 35 x 70 feet.  
Ultrasonic Frequency: 15 kHz -25 kHz (adjustable)  
Effective Range: 4,000 square feet  
Output Sound Pressure: 90 dB @ 1 meter