

# INSTRUCTION MANUAL: BALCONY GARD SILENT BIRD REPELLER

## II. WHY CONTROL BIRDS?

- Droppings are unsightly, unhealthy, and potentially fatal.
- Droppings cost money and time. "Cleaning up" represents time and money.
- Birds are destructive and deface property.
- USDA, OSHA, health boards and other organizations have laws concerning bird mess problems.

## III. BIRD MANAGEMENT PROGRAM

A. Survey the birds and their entry, exit, nesting and feeding habits.

B. Inspect your property. Discover what the pests find attractive about your area, and if the same conditions prevail in neighboring properties.

C. Remove inducements. Clean the area of all evidence of birds and the residual scent. Because birds and their droppings can cause many diseases, use extreme caution when removing them. Do not breathe or come into direct contact with them. If you have questions about how to do this safely, consult an expert. Remove food spillage, garbage, material and other appealing items.

D. Maintain a clean and changing environment. For maximum effectiveness, periodically repeat C) above and relocate or reposition the unit, vary the output, or turn it off for a short time.

E. Install early. It is always best to install the Balcony Gard before "bird season" begins, as it is easier to keep them away than to rout them out once they have already established a pattern.

F. Use products synergistically. Two or more different kinds of devices (Balcony Gard plus netting and/or a visual repeller like iridescent flash tape or holographic "Terror Eyes") will produce a synergistic effect – i.e., in combination, the products will yield much greater effectiveness than the Balcony Gard alone.

G. Consider alternate locations. Make educated guesses as to where the birds 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 all pest birds. 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.

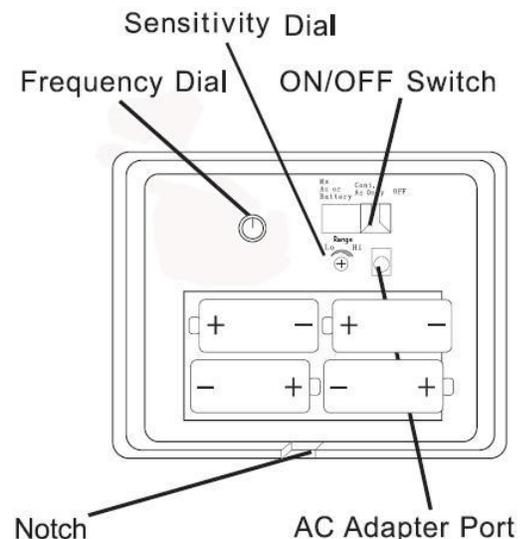
On the operation switch, choose "MS AC or Battery" for the unit to operate briefly each time the motion sensor is tripped (works with both an AC adapter and batteries), or choose "CONT. AC Only" for the unit to operate continuously (works with an AC adapter only).

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 900 square feet in a generally oval pattern. 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.

## 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 Bird 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 Balcony Gard, 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 pest birds.

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 Balcony Gard is warrantied against defects in materials and workmanship for a period of six months from the shipping date.

### 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

Ultrasonic Frequency: 15 kHz -25 kHz (adjustable)

Effective Range: 900 square feet

Output Sound Pressure: 90 dB @ 1 meter