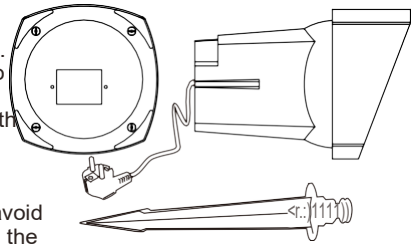
III.CARE/CLEANING



Allow 30 minutes of cooling after 6-8 hours of operation to prolong the unit's life.
Cleaning frequency depends on the environment. Close the aperture completely using thumbscrews to prevent dust from entering the laser when it is not in use or cleaning. Unplug the unit and use a soft cloth to clean the outside casing and the lens. To clean mirrors
(inside the front aperture) use a cotton swab and rubbing alcohol. Twirl slowly and press gently to avoid damage. Be sure all parts are dry before plugging the unit back in.

IV. COVERAGE/VISUAL DISTRIBUTION PATTERN

Total spatial coverage depends on environmental surroundings: more visible in the dark than in the light, more visible in a relatively open area than one with many bushes or trees that would block beams, etc. This laser beam has a maximum range of 1000 feet/300 meters in the dark. The maximum coverage is approximately 10,000 square feet. Keep in mind that this is unidirectional coverage, with beams emanating from the aperture in the shape of a slice of pie at a ±30-degree angle maxim on either side from the center (60 degrees total).
Depending on placement, a second unit will offer increased synergistic coverage; therefore, multiple units are strongly recommended, especially in stubborn or long-term infestations.

V. APPLICATIONS

The unit is designed to act as an essential aid in chasing birds from their infestations in privately owned or restricted access areas such as golf courses, corporate grounds, institutions, military installations, etc. Other locations include hangars, silos, barns, stadiums, arenas, boat houses, bell towers, etc.

VI. WARRANTY AND GUARANTEE

Manufacturer's Warranty*:* The laser is warranted against defects in materials and workmanship for a period of 12 months from the shipping date. The manufacturer will either replace or repair the defective unit at its option.

Made in China

INSTRUCTION MANUAL
LASER BIRD REPELLER (OUTDOOR)

Bird-X

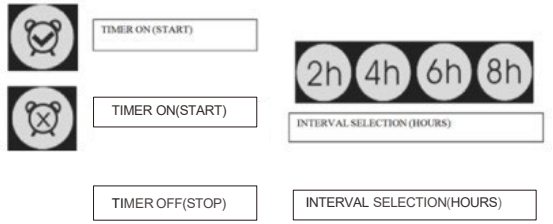
845 N. Larch Ave.
Elmhurst, IL60126
www.bird-x.com
E-mail sales@bird-x.com

First Time Use:

Laser Automatic Cycling: This is an ON/OFF operation with intervals varying between 5 and 15 minutes, with an OFF time of 5 minutes per 5 minutes on.

The remote control may turn the unit off and on and operate for specified durations (2,4,6 or 8 hours). One remote will control multiple units (within its coverage range—if units are mounted at a distance from one another, the remote must be activated close enough to each unit for the signal to reach it).
Remote Control & On-Unit Control, including Timer Operation:

Direct
Remote Control. The provided radio frequency remote can switch the unit on and off. It has a range of approximately 65 feet.
Pull out the antenna to boost the signal in case of greater distance or obstructions—timed operation (using the remote control).
Insert the battery into the Remote control. Remove the battery if the remote is not being used for a long time; this will conserve battery life.



To use the timer, press the remote's TIMER ON button. Unit will flash twice to show it has received the signal. Pressing the TIMER ON button defaults to 2 hours of operation. To select a different duration, press the desired hour button following Timer START. To cancel the timer operation, press the TIMER OFF button. Unit will flash twice to show it has accepted the signal.

II. PRECAUTIONS

This laser is Class III. The power of each laser point is no more than 1 milliwatt, which is not harmful to the human body or eye

Read and observe all safety labeling on this device.

Never look directly into laser beams or the specular reflection(s) of any beam. Wear safety goggles to protect your eyes when necessary.

DO NOT point towards other people.

DO NOT direct the laser beam up into the sky AT ANY TIME. Significant disruption to safe airplane operation may result, punishable by federal law.

Wear an antistatic wrist strap while servicing to prevent electrostatic damage.

While this unit is weather-resistant under normal conditions, avoid exposure to extremes such as hurricanes. Do not leave it where it may become flooded or immersed, and do not allow it to be covered in snow.

Do not place the unit in or near water, do not mount it while standing in or surrounded by water, and do not spill liquids into or onto the unit. If this happens, disconnect the power immediately.

Power directly off a switched circuit; never with a dimmer or rheostat (even a 0 to 100% switch).

Disconnect the unit from the main power before inspecting, installing, making any connection, or replacing any components.

Locate this unit with adequate ventilation at least 15 cm from a wall and mount it in a safe, stable manner.

To prevent fire or shock hazards, do not expose this unit to a high temperature or high humidity area. Unplug the unit when not in use.

Keep away from combustible materials.

The FDA regulates lasers. Accession numbers are on file. For more information, you may also visit the FDA website.

- For outdoor use, install at ground level or a few inches above the ground.
- Do not project beams onto specular (reflective) materials like mirrors.
- Do not project beams at room entrances.
- Do not use near humans or pets.
- Conform to temperature ranges in "specifications." Diode lasers are extremely sensitive to temperature, and output power is indirectly proportional to temperature. If the temperature is too low, the laser may need extra time to warm up to optimum output. If the temperature is too high, turn up the air conditioning. If the temperature remains too high, it can damage or degrade the diode and its long-term performance.
- The Interlock Connector is a safety device for radiation, through which the factory has access to the area if repairs are needed if that does not allow the customer to access the source laser radiation, but in case repairs are needed, the factory has the key to access this area.
- Refer service to a qualified technician.
- Caution - Use of controls or adjustments or performance of procedures other than as specified herein may result in hazardous radiation exposure!