



Eagle Eye™

Installation Instructions

For: Motorized 12v, Motorized Solar and Wind-Powered models

If you need help during installation, please call us toll-free at 800-503-5444.



The Eagle Eyes you will be installing function off of a light source. In most cases, this will be the sun's natural rays. In unique indoor circumstances, an artificial light source which features UV rays, such as halogen or LED lighting, may be used if positioned directly above the Eagle Eye. The guide will not cover the installation of external lighting options.

The Eagle Eye functions by reflecting the light downwards, onto a specified covered radius. The rotations of the Eagle Eye ensure that the light is never constant, and always scattered. When birds' flight takes them into the protected radius of the Eagle Eye, they are frightened by this light, and they will take flight in a direction away from the offending light.

Inside each Eagle Eye kit, you will find the following items:

- 1 Eagle Eye Hat
- 2 12v Power Supply (design may differ)
- 3 25 ft. Lead-Out Wire
- 4 12 ea. M/F Connectors
- 5 Mounting Plate
- 6 Straight Pipe (10 in.)
- 7 Straight Pipe (16 in.)
- 8 Support Tube (90°)
- 9 3 ea. Connecting Tubes
- 10 Self-Tapping Screws



When mounting Eagle Eye on a flat surface you will not be using the 90 degree support tube.

Step 1: Assembling the Support

The Eagle Eye is designed to be mounted as high as possible. Please refer to a Bird Barrier representative for a free consultation on the most effective placement.

You will be assembling a rod connecting the surface to the Eagle Eye starting with the mounting plate.

From the mounting plate, you can attach a straight tube by utilizing one of the small 3" connecting tubes. These tubes fit in between the straight pipe and the mounting plate. Self-tapping screws will ensure a solid connection between the 3 pieces.

Following this method, a second straight pipe can be added as well for height using an additional connecting tube.



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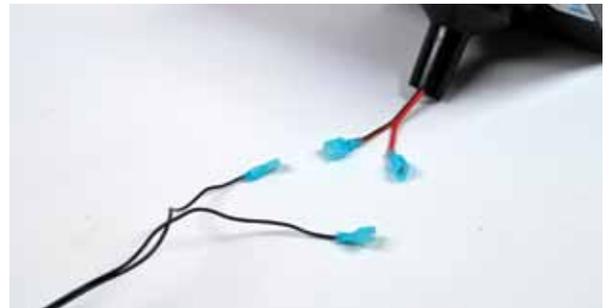
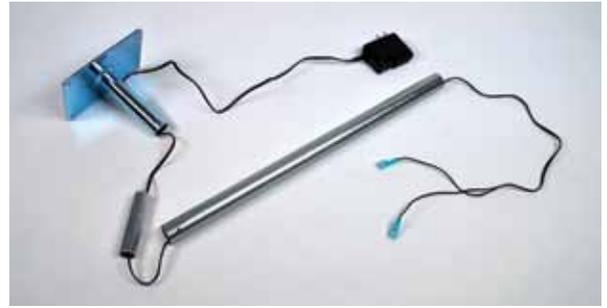


When using self-tapping screws, use caution not to pierce the wire.

For Wind Powered Units, assembly is the same, minus the wire.

Step 2: Running the Wire

Insert the lead out wire into the created pipe, starting from the mounting plate. Pulling the lead out wire out from the top of the pipe, be sure you have enough length to attach this to the wires protruding from the Eagle Eye itself, inserting a connecting tube between them. Once the wires are mated together, assemble the Eagle Eye to the straight tube using self-tapping screws.



Step 3: Final Preparations

On the end of the wire coming from the base, attach the lead out wire to the 12v power supply. The RED wire from the Eagle Eye is positive. In order to ensure the correct polarity, test the connection before finalizing the installation. The Eagle Eye should initially spin at a high RPM, even eventually returning to a steady slower RPM.



Vertical Installations

For a vertical installation, such as against a wall, please install the mounting bracket directly on the wall so the pole is protruding horizontally. Following the same procedure from the flat installation, install the 90 degree support tube and continue to mount the Eagle Eye on top with the wire connection being the same.

