



INSTALLATION INSTRUCTIONS

Rev. 11/23

REPELS NUISANCE BIRDS SIMPLY,
SAFELY, AND EFFECTIVELY



Thank You for purchasing the WhirlyBird Repeller.

Contact us at WhirlyBirdSolutions.com

 **Proudly Made in the USA**

WhirlyBird Solutions, LLC – Simple Solutions to Complex Problems
U.S. Patents: 6,557,482; 6,814,021; 7,930,989

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WhirlyBird Solutions, LLC
Simple Solutions to Complex problems

BYE-BYE BIRDIE!





Introduction

This document provides the basic requirements to install your WhirlyBird Repeller to be most effective at repelling your nuisance birds. These mounting methods are recommended to provide a safe installation to avoid harm to people or property. As with any object mounted overhead, care must be taken to make sure your WhirlyBird Repeller is mounted properly and in a location to avoid personal injury or damage from wind, tree limbs, or other hazards in the area. Be sure to read the disclaimers on the last page. Please read all the recommended guidelines in this document before you start your installation.

CAUTION!

- Some edges may be sharp. Handle with care.
- Contact with the WhirlyBird Repeller while spinning could result in bodily injury.
- Do not install in a location that could cause a trip or bump hazard, or otherwise result in bodily contact.

Parts included with your WhirlyBird Repeller:



WhirlyBird Repeller Pro unit

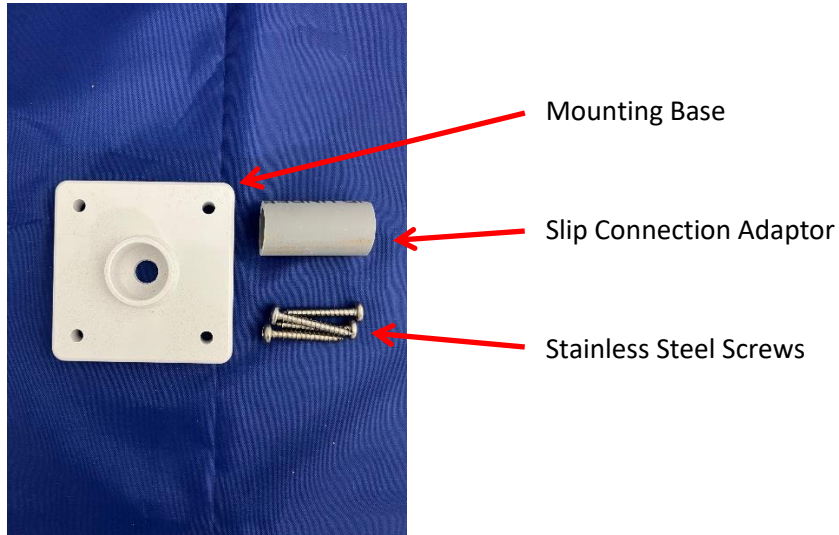
14" long, 3/4" diameter PVC pipe extension

3/4" PVC slip center coupling

3/4" PVC threaded center couplings



Part included with the mounting base (sold separately):



General Mounting Guidelines:

1. Mount the WhirlyBird in an open area where there is a breeze and sunlight. The WhirlyBird needs to spin in the wind and reflect light. The wind and sunlight are constantly changing, which causes the WhirlyBird to constantly change. Constant change prevents birds from becoming acclimated.
2. Mount high. Birds of prey hunt from above. Also, if birds get within a few feet of the WhirlyBird when not spinning, the birds will figure out there is no threat and ignore the WhirlyBird. We recommend the WhirlyBird be mounted at least 6 – 8 feet above the area where birds are perching.
3. Mount plumb (vertical). The WhirlyBird will not spin effectively if not mounted vertically. The WhirlyBird must spin to make the sound simulating wing beats and randomly reflect sun light.
4. Experiment. You may need to experiment in locating the WhirlyBird to find the “sweet spot” where it is most effective. Occasionally repositioning the WhirlyBird will help keep the birds off guard and increase effectiveness.

Other items you may need for mounting (NOT included)

The following common tools and hardware may be used to install the WhirlyBird in several applications:

- Level
- Drill with appropriate bits
- Common hand tools, such as, screwdrivers and wrenches
- Longer section of PVC pipe, (1” diameter and above) and ¾” reducer to connect the mounting pole to the WhirlyBird



- PVC Cement
- Fishing rod holder mount
- Rail antenna mount
- Hose clamps
- U bolts
- 3/4" PVC adapters to mount to larger size pipe.
- Other appropriate fasteners

Other items you may need for mounting that are available from WhirlyBird Solutions, LLC

- Mounting Base – For use in mounting on top of posts and pilings.



Example of U-bolt and hose clamp.

Do's and Don'ts:

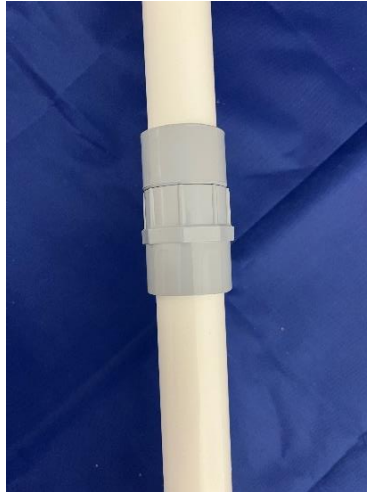
- Generally, the higher you mount the WhirlyBird the more coverage it provides. Think like a predator bird. Where would a peregrine falcon sit in the area to scout for pray?
- The WhirlyBird is less effective in repelling birds already actively nesting in the vicinity. Therefore, install it prior to birds nesting.
- The Migratory Bird Treaty and Endangered Species Acts prohibit the trapping, possession, removal, or killing of most birds, their eggs, and nests without a permit. Check the government regulations for your area.
- The WhirlyBird is less effective in repelling birds already foraging on food sources in the vicinity. Install before birds begin foraging. For example, install before the ripening of fruits and vegetables.
- Glue the PVC pipe, couplings, and base together with PVC cement during assembly. Do not glue threaded connections.
- When gluing connectors, care must be taken to not put pressure on the plastic WhirlyBird unit. Instead, downward pressure can be applied to the eyebolt pushing down on a solid surface.
- Remove your WhirlyBird prior to severe weather conditions.

Mounting Options

The simple 3/4" pipe base and top mounted eye bolt allow for many ways to mount the WhirlyBird Repeller. Some basic methods are shown below.



Using the 14" pipe extension to add extra height



Left photo above shows the 14" pipe extension connected to the WhirlyBird Repeller mounting pipe using the slip connector. This must be glued at both connections. Right photo above shows the same connection using the threaded coupling. This makes the WhirlyBird Repeller easy to remove for severe weather, getting your boat underway, or other situations where it might be damaged. The slip connections to the couplings are glued, but the threaded connection is not.



The Threaded Connector may also be installed at the bottom of the 14" extension using the Slip Connection Adaptor. This option is shown above. Be sure all slip connections are glued.



Installing on top of a flat elevated post or piling surface using the optional mounting base (sold separately)



1. The following are very general instructions that will apply, all or in part, to the other installation methods.
2. Check to make sure your flat surface is level so that the WhirlyBird will be mounted vertically plumb. Add shims under the mounting base as necessary to get it level.
3. Position mounting base on top of the wooden post or piling.
4. If installing on a flat metal surface substitute appropriately sized sheet metal screws or bolts, washer, and nuts to secure. If installing on a cement surface use concrete anchors or an appropriate epoxy or adhesive material.
5. Mark and pre-drill appropriate diameter holes on the flat surface.
6. Secure mounting base by installing stainless steel screws or bolts, washers, nuts as appropriate through the base and the flat surface.
7. Using PVC cement (follow the manufacturer's instructions), glue the WhirlyBird unit pole and PVC extension pipe to the PVC center coupling and the bottom of the extension pipe to the base.
8. Pictured here post mounted as above, but with the treaded coupling. Be sure to mount vertically plumb so the WhirlyBird spins freely.

Whirly Bird REPELLER



Installing on an elevated **VERTICAL** post using the PVC extension pipe included

- 1.** Pre-drill $\frac{1}{4}$ " holes approximately 2" from the bottom of the PVC extension pipe and another hole 6" above the bottom hole. It is **IMPORTANT** to drill the holes through the center of the PVC extension pipe.
- 2.** Position PVC extension pipe on the vertical surface so the top extends at least 2" from the top of the post. Through the top hole in the extension pipe, drill a $\frac{3}{16}$ " hole into the post and fasten the screw. Using your level, position PVC pipe to the 90-degree vertical position. Check to make sure pipe is plumb. Repeat the same procedure for the bottom hole.
- 3.** Using PVC cement and following the manufactures instructions, glue the WhirlyBird to the PVC extension pipe using the PVC center coupling.

WhirlyBird REPELLER



Hanging the Whirlybird on a line

The WhirlyBird comes with a stainless-steel eyebolt on top, to allow mounting from above. The photo shows the WhirlyBird mounted on a horizontal line. Hanging from a vertical line from above will also work.

- An appropriate U.V. resistant nylon rope (min. 3/16" diameter) or steel cable (min 1/8" diameter) can be tied to the eyebolt and the top end of the rope or wire secured to a beam or other structure above.
- Rope or steel cable can be threaded through the eye bolt and run horizontally between two structures. This will allow the WhirlyBird to spin and to slide back and forth along the rope.

- You can determine the location of the WhirlyBird by adjusting the height where the line is fastened to the two structures.

Installing on a PVC Pipe Pole



If you need to add height beyond the included pipe extension, use a longer section of PVC pipe (1" diameter and above) as a mounting post to provide additional height. You will need a 3/4" PVC reducer (not included) to adapt to the 3/4" dimension of the WhirlyBird mounting pipe. The taller the mounting post, the larger the diameter must be to provide a stable mount for the WhirlyBird. The mounting post must be sized sufficiently to avoid bending in the wind.

Shown here, the WhirlyBird Repeller is mounted about 12' high using 1 1/4" pipe as a mounting pole.



The photo below shows the 1¼" to ¾" adaptor used to mate the mounting post to the WhirlyBird Repeller mounting pipe.



Mounting to a Metal Pole or Stanchion





This method is useful when using metal angle stock as a pole or mounting to an existing metal railing or stanchion such as that found on communication towers. U-bolts, hose clamps, or other suitable fasteners may be used to secure the WhirlyBird Repeller mounting pipe.





Disclaimer: User-installed WhirlyBird Repeller

WhirlyBird Solutions, LLC strongly recommends that users carefully read and understand the following disclaimer before installing or using any product provided by WhirlyBird Solutions, LLC. By proceeding with the installation, you acknowledge and agree to the terms outlined below:

User Responsibility: The user assumes full responsibility for the installation, configuration, and usage of the product. WhirlyBird Solutions, LLC shall not be held liable for any issues arising from improper installation or misuse.

Installation Guidelines: Users must adhere to the installation guidelines provided in the product documentation. Failure to follow these guidelines may result in malfunctions or damage to the product, for which WhirlyBird Solutions, LLC cannot be held responsible. These guidelines are provided as suggested installation methods. The exact methods used are the responsibility of the installer. Engaging a professional installer, if the user is not familiar with basic mechanical installation procedures, is highly recommended.

Technical Support: Users are encouraged to seek technical support at WhirlyBirdSolutions.com. Support may be limited or unavailable for products that have undergone user modifications or unauthorized alterations.

By proceeding with the installation, you acknowledge that you have read, understood, and agreed to the terms of this disclaimer. If you do not agree with these terms, do not proceed with the installation, and contact WhirlyBird Solutions, LLC for assistance.