

Robop

(Robotic Bird of Prey)

Intelligent Bird Repelling
Systems



Instruction Manual

When you start using the Robop system of bird-repelling and deterring, you are entering a mind game with the target species. You must try to convince the problem birds that a pair of peregrine falcons has moved into their territory on a permanent basis. This requires thought and effort to achieve the maximum benefit from Robop but it can be very satisfying when you achieve the desired result!

Every site is different and has problems unique to its particular character and the circumstances surrounding it i.e. is it a feeding site, is it a breeding site, a daytime resting site or a night-time roost? Due to the complexity and diversity of the locations no hard and fast rules can be laid down.

The problem birds must be monitored, how do they react, where are they going? If they start to show interest in an obscure area previously unused can you get Robop in a position to overlook that location? These are all questions that must be asked and addressed.

However the basic principle is the same for all areas.

1. Position Robop as high as possible above the problem area rather than on it.
2. Try to make it visible to birds approaching your property.

3. Move it as often as practicable particularly in the early stages.
4. Never leave Robop on location with flat batteries.
5. Do not worry about Robop being off site for twenty four hours for charging. This can increase the fear factor in that the birds do not know if the raptor is behind or above them! Realism is added when the falcon returns to it's roost.



Robop is not claimed to be the panacea for all bird problems. It is the most modern bird repelling and deterring system available which is utilising nature to solve problems created by nature. Robop should be used in conjunction with good housekeeping i.e.

remove if possible the food source which is attracting birds to the location.

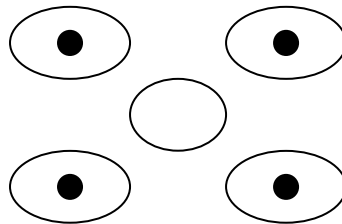
If food spillage is inevitable clean it up as soon as possible after delivery.

Waste food should be contained in rigid covered bins not plastic bags.

Do not allow birds to breed on your site. Any birds produced will look on your property as home, when they reach maturity they will breed at the same location.

Instructions for Robop installation

When fixing stick on bases apply adhesive, equivalent in size to a walnut on top of each of the four holes on the underside of the base plate. Apply a fifth amount into the centre of the formation.



When fixing a base to the edge of a building it is important to locate the locking strip to the outside.

This ensures that when the bird is being removed it tilts inwards onto the building rather than outwards over the drop.

Ensure that the surface is dry and free from dust.

Press the base onto surface which will push adhesive into the holes. Ensure the base is level before adhesive sets.

If fixing to a horizontal surface leave for 30 mins before attaching Robop. If the base is being fitted to a sloping surface it is preferable to leave overnight.

On suitable surfaces where water ingress is not a problem screws can be used in place of adhesive.

Fix the bases to sites which are as high as possible and can be accessed easily and safely. Try to present a profile against the sky so that Robop is as visual as possible.

Determine the problem birds flight lines and intercept them with the visual deterrent to divert them before they reach your property.



Robop can be supplied with clamp-on revolving bases. Robop can turn through 360 degrees on an arm 30cms long. This arm can also turn full circle.

This base is ideal for clamping to safety rails and girder work and gives the option of using a large number of locations without any semi-permanent fixings. Even if Robop only moves ten yards along a hand-rail this adds greatly to the realism of the system.

Attaching Robop to base

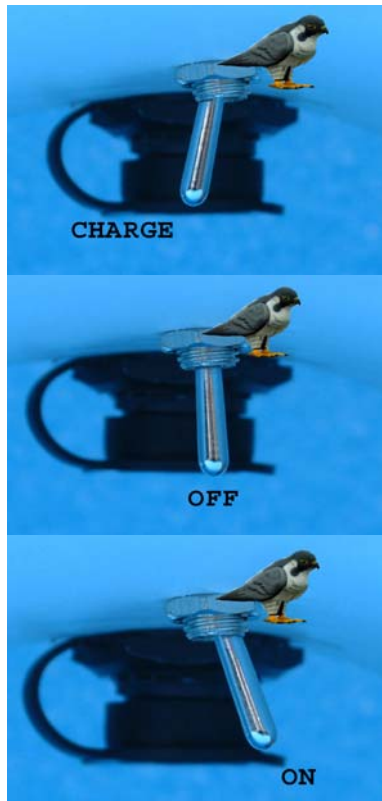
- 1 Sit bird on base with spindle located in nylon bearing.
- 2 Remove locking strip.
- 3 Tilt bird and base top back towards installer.
- 4 Enter straight leg of spring-clip into hole in centre of spindle. This pin must be the correct way up to locate properly (see illustration). Push in until the bent leg locates around the spindle.
- 5 Gently return lid to closed position and attach locking strip.
- 6 Turn bird by hand to ensure it is turning freely and switch-on.



Battery Charging

The on/off switch is located under the tail. This is a three position switch. Forward towards the head to switch on, centre to switch off and back towards the tail is the charging position.

Switch Positions



To charge batteries remove terminal cover under tail.

Connect battery lead (this will only fit one way). Half turn locking collar. Ensure on/off switch is back towards tail.

1. Plug in and switch on charger.
2. The green light will show.
3. Press the large black button.
4. The red and green lights will show together.

If both lights don't show when the black button is pressed check that the connector is located properly and the switch is in the correct position.

The red light will start flashing and several beeps will be heard when charging is complete.

Remove charger lead and replace terminal cover. Place switch in central position.



Due to the fact that Robop shuts down at dusk and starts operating at dawn it is impossible to give a definitive answer about battery life as it is obviously running longer in summer days than during short winter days. Approx 8-9 days in summer and 14-16 days during winter is realistic.

It is very important that Robop is not left insitu if the battery is flat.

If for any reason you are unable to charge the bird or move it from base to base it is better removed from site. This will prevent the target species, particularly gulls from building confidence when Robop is static and silent.

If you require further assistance please do not
hesitate to contact us.

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