











Sound Wars





Shock Wave

Black Crow

The Ultrasonic Impact series are the best bird and animal deterrent systems on the market today.

The TubeSonic emits over 100 natural recorded predator, urban, human, bird /animal distress calls and other environment sounds designed to startle, confuse, disorient, and intimidate pest birds or animals, to quickly scare them away.

The TubeSonic Frequencies range from 8 kHz to 24 kHz offering 13 different settings.

The TubeSonic offers the largest selection of Bird and Animal deterrent choices in the world.

## Choices include:

Pigeon, Seagulls, Crows, Woodpeckers, other Small Birds, Deer, Raccoon, Skunks, Small Animals Coyotes, Chipmunk and Squirrels. It can even deter loitering teenagers on the low Ultrasonic frequencies.

**Customizable:** Adjustable volume, Weekday settings, Programmable Sound Frequency and instant Volume testing.

Installs Easily: The unit is portable comes with it's own stand and easily mountable.

**Dual Modes:** Sonic and ultrasonic modes repel nearly any bird and small animal type.

**Ultrasonic mode:** Broadcast sounds that are silent to humans, but drive birds and animals away. **Sonic mode:** Uses naturally recorded bird and animal distress calls, and natural predator cries. The sounds are broadcast at the highest quality and digital clarity.

**Solar Powered Option:** Unit can be easily plugged in to a portable solar panel. (solar panel not included)

**Possible Usage:** Outdoor areas, front or back yards, private homes, parks, awnings, rooftops, parking lots, fields, buildings, warehouses, docks and more.

**Operating system:** Raspberry Pi with WiFi running as an access point. Raspberry pi running apache with a web interface playing ultrasonic frequencies and sounds into an amplifier that signals into horn driver tweeter unit. System accessible via the internet and any smart phones.

Dimensions: Small Tube - 24"x 6"; Large Tube - 24"x8"

Speakers: 8 to 80 ohms, 30 to 100 watts

**Shipping Weight:** 5-10 lbs **Coverage:** 1 acre to 4 acres **Power Requirements:** 110vAC

**Sound Pressure (ultrasonic):** 95-140 db **Sound Pressure (sonic):** 105-110 db

Frequency: (ultrasonic): 8 - 24 kHz (sonic) 3 - 5 kHz

Warranty: Original manufacturer's warranty 6-month. Additional 24 months \$100.00





## **The Ultrasonic Impact Series Extended Warranty**

The Ultrasonic Impact carries a 6-month original manufacturer's guarantee to be free from defects in manufacturing. If your unit fails to operate during normal use within this covered period, we will repair or replace the unit at our discretion.

## Extended warranty protection:

This will cover the cost of any needed repairs to, or replacement of, your unit for two years beyond the original 6-months, under normal usage, for a total covered period of thirty months from first purchase. 'Normal Usage' means when correctly installed, maintained and protected from deliberate or accidental catastrophic damage.

Extended Warranties must be purchased for each unit.

Obtaining Service under your Extended Warranty:

Should your unit require servicing, you must first contact Pigeon Patrol to authorize and arrange for return of the unit. You may call toll-free 1-877-466-2473.

When you receive authorization for repairs, you may either bring your product in person or ship it (shipping/postage pre-paid and insured) with proof of product purchase, including purchase of Extended Warranty.

Please include a short written description of the problem or malfunction.

Customers in all other countries other than Canada / USA must pay for shipping both ways in order to receive service under the terms of this Warranty.





## **Ultrasonic & Sonic Guidelines**

- 1. Nests should be removed prior to using any products if there is a nesting situation involved. If birds are in trees, and nests cannot be physically removed, products need to be pointed towards the trees in order to have any desired effect!
- 2. Electronic products in some cases, DO produce immediate and dramatic results. BUT, as a general rule, and considering the thousands of situations and environments where a customer might choose to buy and use an electronic product, it may take several days or weeks for the product to even begin to affect the birds.
- 3. Electronic products need to be installed at the correct level. Customers often remove the sound device from the box, plug it in, turn it on and aim the product upwards at a bird in a tree or on a house, etc. They then wonder why the product isn't working! First (see rule #2), the systems never work instantaneously. Second, in order for the electronic product to even have a chance of working, the birds must be exposed proximately and consistently to the sounds whether they are ultrasonic or sonic sounds.

The speaker of the system must point or be up at the level of the birds and the birds ideally should be exposed to the sounds at a reasonable distance for a good deal of the time to break their particular habit. Pointing a unit upward for a few seconds or minutes, at a bird either on their roost or in a nest, will never solve the problem!

- 4. The instructions are written to explain the products and help the customer attain results. Certain situations are harder than others and customers should have patience and persistence to solve their problem.
- 5. Sound devices might have to be moved to change behaviour patterns of birds. The systems are programmed by the user and the programming is there so it can be altered frequently or periodically to continue to chase the birds. Ultrasonic frequency should be changed to a high or lower frequency if bird persist. Remember to keep the environment changing.
- 6. How does ultrasonic bird control work?

  Ultrasonic bird control devices emit high-frequency sound waves that keep bird and animals away, but are silent to humans. Ultrasonic bird control frequencies are used to confuse, disorient and intimidate birds and animals within range. Pest birds or animals are not harmed by these sounds, but they don't like them and soon learn to avoid the area.

Humans, pet cats or dogs are not affected by the units, unless extremely close to the unit, straight level with the unit or exposed for a long period of time to the unit. A mild headache might result if directly exposed to a unit for a long period of time.

Ultrasonic sound waves will not harm humans or animals.

