3 About Bird-X

4 Bird Netting
   Exclusion netting prevents pest birds from entering specific areas – when installed properly, it is 100% effective.

5 Netting Hardware
   Commercial-grade hardware needed to install Bird-X BirdNet – cables, screws, nuts, brackets, turnbuckles, ferrules, and more.

7 Bird Spikes
   Bird spikes protect surfaces from pest bird infestation. Available in Stainless Steel or Plastic. Available in multiple lengths, heights, and widths.

9 Avishock™, Hardware & Chargers
   Avishock™ track gives a mild electric shock when touched, conditioning birds and pest rodents to stay away from treated surfaces.

11 AviAngle™
   AviAngle™ is a modular ledge exclusion system that prevents all pest birds and wildlife from landing on ledge-based areas

12 Bird Wire & Post
   Bird Wire is great for high-profile ledges where a less visible solution is needed. Wires are installed at differing heights making it difficult for birds to land.

13 Solar Mesh Guard Kit
   Solar Mesh Kits protect the roof, electrical wiring and solar panels from pest damage.

14 Indoor & Outdoor Laser Bird Control
   Colored Laser Array frightens and deters birds for up to 10,000 sq. ft.

15 Gels, Liquids and Visual Deterrents
   Bird Proof Gel, liquids, taste aversions, visual deterrents, and other sensory deterrents.

16 Sonic & Ultrasonic Electronic Bird Repellers
   Electronic repellers provide effective, money-saving, humane bird control solutions.

18 Pigeon & Sparrow Traps
   Humane traps allow birds a way in, but can only be removed manually
Bird-X is the leading brand of **humane** and **eco-friendly** bird and wildlife control solutions worldwide—protecting human health, wildlife and the environment.

Established in 1964, our Chicago-based company manufactures a complete line of unique bird control products with an unmatched focus on quality, efficacy and customer service.

Bird-X works closely with professional installers and pest management professionals on projects of all sizes.

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**Humane & Eco-friendly Solutions**
**Experienced Sales Consultants**
**Unmatched Quality**
**Worldwide Distribution**
**Industry-Leading Customer Service**

800-662-5021 or 312-226-2473  
solutions@bird-x.com  
www.bird-x.com
NETTING

PREMIUM BIRDNET

This polyethylene netting is a permanent solution, ideal for commercial projects. The material is lightweight, pliable, maintenance-free, and durable. 10 year warranty.

3/4" Black Polyethylene Knotted Net
25’x25’......625 sq. ft......NET-PE-25-25
25’x50’......1,250 sq. ft......NET-PE-25-50
50’x50’......2,500 sq. ft......NET-PE-50-50
50’x100’......5,000 sq. ft......NET-PE-50-100
100’x100’......10,000 sq. ft......NET-PE-100-100
100’x200’......20,000 sq. ft......NET-PE-100-200

2" Black Polyethylene Knotted Net
25’x25’......625 sq. ft......NET-PE-25-25-2
25’x50’......1,250 sq. ft......NET-PE-25-50-2
50’x50’......2,500 sq. ft......NET-PE-50-50-2
50’x100’......5,000 sq. ft......NET-PE-50-100-2
100’x100’......10,000 sq. ft......NET-PE-100-100-2

3/4" Stone Polyethylene Knotted Net
25’x25’......625 sq. ft......NET-PE-25-25-STONE
25’x50’......1,250 sq. ft......NET-PE-25-50-STONE
50’x50’......2,500 sq. ft......NET-PE-50-50-STONE
50’x100’......5,000 sq. ft......NET-PE-50-100-STONE

1½” Black Polyethylene Knotted Net
25’x25’......625 sq. ft......NET-PE-25-25-1
25’x50’......1,250 sq. ft......NET-PE-25-50-1
50’x50’......2,500 sq. ft......NET-PE-50-50-1
50’x100’......5,000 sq. ft......NET-PE-50-100-1

1/2” Black Polypropylene Net
100’x14’......1,400 sq. ft......NET-STR-100
200’x14’......2,800 sq. ft......NET-STR-200

STANDARD BIRDNET

This 3/4” standard mesh netting is a great economical solution for homeowners and gardeners. It is lightweight, pliable and weatherproof.

3/4” Black Polypropylene Net
100’x14’......1,400 sq. ft......NET-STD-100-14
200’x14’......2,800 sq. ft......NET-STD-200-14

1/2” Black Polypropylene Net
100’x14’......1,400 sq. ft......NET-STD-100-14
200’x14’......2,800 sq. ft......NET-STD-200-14

STANDARD BIRDNET

This 1/2” polypropylene is perfect for small businesses, homeowners, farmers, and gardeners. It is durable, plastic netting that is lightweight, pliable, and resistant to elemental damage. Lasts up to 5 years.
Bird Netting Install Overview
Corner/Primary attachments are under the most pressure and must be the strongest component in the system; be sure all attachments are firmly anchored. Be sure to install attachments every 45-50 feet for large jobs.

Intermediate Attachments
These hold the cable tight against the structure to prevent bowing (giving birds room to enter/exit the area of coverage). Intermediate attachments should be installed every foot.

Stringing Wire/Cable & Ferrules
The perimeter cable frames the entire area to support the netting. Ferrules secure the cables where they attach to the turnbuckles. Slide the ferrules onto the cable before you form your connecting loop and secure it to the cable with the ratchet tool. Be sure to use at least two ferrules per loop to ensure strength and durability of the perimeter cable.

Turnbuckles
Turnbuckles also must be well anchored as they are subject to a great deal of tension between the cable and the corner attachments – be sure your components are well secured. When installing, make sure the turnbuckles are all the way open. Pull the cable as tight as possible through the turnbuckle. Before tightening, be sure all slack in the cable is removed, taking up as much tension as possible and fasten with a screwdriver, etc. Be sure not to pull out any fasteners or eyehooks when tightening.

Mounting Cable
500’ Spool – 3/32”, 49 Strand Cable. Cable, 7x7, 3/32” (2mm) diameter with 920 lb. tensile.
Stainless Steel
MTG-CABLE-SS

Lag Eye Screw
1/2” lag eye screw.
Stainless Steel (10 pack)
MTG-LAG-SCREW-SS

Screw Eye
For wood or thick sheet metal surfaces. Corner/end attachment. 17/32” I.D., 1” lag thread.
Stainless Steel (10 pack)
MTG-SCREW-MD-SS

Eyebolt w/Nut
Corner/end attachment for an I-beam or other thick metal.
Stainless Steel (10 pack)  Galvanized (10 pack)
MTG-BOLT-MD-SS  MTG-BOLT-MD

Net Concrete Spikes
This hammer-in attachment can be used for stone, concrete or solid brick. It does not require a plastic anchor sleeve; the bent shaft holds it securely in place. Zinc coated.
Stainless Steel Net Spikes  Galvanized Net Spikes
Small (100 pack)  Small (100 pack)
MTG-SPIKES-SS  MTG-SPIKES

Eyebolt Anchor
Corner/end attachment. M6 high load bearing expansion bolt anchor. For most masonry, stone, or concrete. This M6 netbolt needs a 14mm drill bit.
Stainless Steel (10 pack)
MTG-NETBOLT-MD-SS

Mounting Clips
Install Bird-X netting easily. Heavy-duty clips snap onto netting edges and hold securely. Installs easily with screws, nails, adhesive, cable, or velcro.
(250 pack)
MTG-CASE
NETTING HARDWARE

Multi-Purpose Cable Bracket
1.25” bracket is used as an end or immediate bracket and installed as either a permanent fixture or as a quick release cable holder.
Stainless Steel (100 pack)
MTG-BRACKET-SS

Heavy Duty Steel Clamp
This clamp can hold up to 630 pounds of tension weight. Bolt to an I-beam or other steel structure and run your cable inside the jaws. Opens up to ¾”.
Stainless Steel Clamp (10 pack)
MTG-CLAMP-1-SS

Girder Clip
This strong, hammer-on clip allows you to attach cable to hard-to-drill steel beams. Hammer the clip into the edge of an I-beam with the cable running through the jaws (not through the hole), and your cable is secure.
1/8”–1/4” (100 pack) 5/16”–1/2” (100 pack)
MTG-GIRD-1 MTG-GIRD-2
9/16”–3/4” (100 pack)
MTG-GIRD-4

Turnbuckles
Hook-and-Eye Turnbuckles for tensioning Net Cable.
Stainless Steel Turnbuckles (10 pack)
Medium, 1/4” x 3-1/2” (Call for other size options)
MTG-TURN-MD-SS

Ferrules, 2.5MM
Double Sleeve Zinc/Copper Ferrules. For connecting cable runs (3/32”). Ratchet Crimper required. Two (2) ferrules per cable connection.
Copper (100 pack)
MTG-FERR-C

Net Ring Tool
Hand operated, auto-feed Ring Tool. Installs net rings around net, cable, zippers, etc.
MTG-RING-TOOL

Net Rings
Net rings secure seams and fasten the Netting to the cable, zippers, etc. Ring Tool required.
Stainless Steel (2,500 pack)
MTG-RINGS-SS

Net Access Clip
Connect pieces of netting together securely with stainless steel clips.
3/4” Stainless Steel (100 pack)
MTG-ACCESS-CLIP
2” Stainless Steel (100 pack)
MTG-ACCESS-CLIP2

Net Zipper
UV resistant black zipper. Fasten to netting with net rings and ring tool.
1’ Black, 5MM 3’ Black, 5MM 6’ Black, 5MM
MTG-ZIPPER-1 MTG-ZIPPER3 MTG-ZIPPER

Net Ratchet Crimp Tool
Hand operated, ratcheting Crimper for ferrules.
MTG-RATCHET

Pneumatic Ring Tool
16 gauge 3/4” C-Ring. Magazine capacity of 125.
MTG-PN-RINGTOOL-3/4 MTG-PN-RINGTOOL-1/2

Bracket with Hilti Pin
Used as a corner or intermediate attachment or as a quick-release cable holder.
MTG-BRACKET-HILTI PIN
Bird-X Stainless Steel Bird Spikes are resistant to weather, corrosion and decay. The flexible base allows for installation on curved surfaces. Stainless Steel Spikes have a 10-year warranty against material defects. CAD files and documented specifications available upon request.

**Narrow Bird Spikes**
- Top width: 2.5”
- Base width: 0.5”
- Highest point: 4.3”
- 10 ft........SLS-10
- 24 ft........SLS-24
- 50 ft........SLS-50
- 100 ft......SLS-100

**Standard Bird Spikes**
- Top width: 4.5”
- Base width: 0.5”
- Highest point: 4.3”
- 10 ft........STS-10
- 24 ft........STS-24
- 50 ft........STS-50
- 100 ft......STS-100

**Extra Wide Bird Spikes**
- Top width: 7.5”
- Base width: 0.5”
- Highest point: 4.3”
- 10 ft........EWS-10
- 24 ft........EWS-24
- 50 ft........EWS-50
- 100 ft......EWS-100

**Extra Tall Bird Spikes**
- Top width: 8.5”
- Base width: 0.5”
- Highest point: 5.75”
- 98 ft........ETS-98

**Spikes Special Adhesive**
- 10.5 oz. tube
- SSA
PLASTIC BIRD SPIKES

Bird-X Plastic Bird Spikes are made of durable, weather-resistant polycarbonate. The flexible base allows for easy installation on curved surfaces. Plastic spikes have a 5-year warranty against material defects. CAD files and documented specifications available upon request.

Narrow Bird Spikes
Top width: 2.5”
Base width: 0.75”
Highest point: 4.75”
10 ft........SP-10-N
25 ft........SP-25-N
50 ft........SP-50-N
100 ft.....SP-100-N

Standard Bird Spikes
Top width: 4.5”
Base width: 1.75”
Highest point: 4.75”
10 ft........SP-10
25 ft........SP-25
50 ft........SP-50
100 ft......SP-100

Spikes Special Adhesive
Designed for installing Bird-X Bird Spikes. One (1) tube adheres 15-20 feet of spikes. Weatherproof; works on a wide range of materials.
10.5 oz. tube
SSA
SHOCK TRACK & HARDWARE

Train birds to stay away with electrified track that conforms to any structure. Avishock™ is flexible, low-profile and long-lasting. It was created with easier and safer installation in mind, featuring snap connectors, longer rolls, no sharp parts to reduce risk of injury, and a flatter base to reduce the use of glue.

AVISHOCK™ TRACK
Brand new, low-profile design makes Avishock™ Track ideal for preserving building aesthetics.

Fewer energizers (and power sources) are required, making installation quick and easy and reducing overall material costs. Our copper strips are fully encased and durable despite weather conditions. Reliable performance over a long period of time due to UV and weather-resistant materials.

Favored by project owners, architects, and installers over other solutions when aesthetics are vital. Used extensively on heritage sites and challenging or modern building designs.

65 ft. Rolls

- **Black**
  - SHK102

- **Stone**
  - SHK101

- **Grey**
  - SHK105

**Female Spade Connectors** (x100)
- SHK023-100

**Male Spade Connectors** (x100)
- SHK029-100

**Connector Ring Terminal** (x10)
- SHK024

**Straight Connector** (x20)
- SHK121

**Corner Connector** (x20)
- SHK122

**Jumper** (x20)
- SHK123
**SHOCK TRACK & HARDWARE**

**Special Adhesive**
Used to adhere Shock Track to a variety of surfaces. Weatherproof; works on a wide range of material.

10.5 oz. tube
SSA

**Digital Voltage Tester**
Used to test that the track is powered. Tester reads in 100v increments up to 10,000. Put one probe to one track braid and the other to the second track braid. The reading should be between 5,000v and 9,000v (5.0 - 9.0kV)

SHK051

**Warning Plates (x25)**
Hard-wearing plastic
SHK032

**Warning Window Stickers (x100)**
SHK033

**Lead Wire (65’)**
Heavily insulated, twisted copper is easy to cut, strip and crimp. Used for connecting track to energizer.
Brown: SHK111
Black: SHK112

**Solar Charger**
300-2,500 ft. of track
Solar-powered charger with weather resistant case.
SHK-C-SOL

**Digital Voltage Tester**

**110V AC Charger**
300-1,000 ft. of track
SHK-C-110

**2V Battery Charger**
300-2,500 ft. of track
SHK-C-12V

**Drainage Tubes (100 pack)**
To be used where water pooling is a risk. Apply enough tubes to allow drainage (e.g. 2 tubes every 1 ft.).
SHK130

**Wire Guides**
- screw on (x100)
  - SHK031
- stick-on (x50)
  - SHK034

**Wire Guides**

**Avishock™ Shears**
Ideal for cutting Avishock™ track and lead wire.
SHK136

**Connector Crimp Tool**
Used to crimp the Connectors to the Lead Wire.
SHK052

**Wire Stripping Tool**
Used to strip the insulation from the Lead Wire.
SHK053

**Avishock™ 45° Cutting Guide**
Ensure quick and accurate mitre cutting. Simply line up against the track and cut along the edge.
SHK054
AVIANGLE™

AviAngle™ is a modular ledge exclusion system that prevents all pest birds and wildlife from landing on ledge-based areas. The smooth surface of the UV-protected PVC material prohibits birds and from landing and getting a stable foothold. AviAngle™ is resistant to virtually all weather conditions and harsh environments when installed according to manufacturer instructions.

AviAngle™ can be installed using Bird-X Special Adhesive, wood screws, nails or clamps, depending on the surface area and the application. AviAngle™ Base Unit will cover approximately 6” of ledge depth, comes in four (4’) linear foot sections and is packaged in 12 sections per box for a total of forty-eight (48’) linear feet per box.

AVI-ANGLE
Bird Wire & Post Products

Bird Wire Cable
Stainless steel wire. 1X7 nylon-coated. Diameter is 0.7mm.

- 250’ BW-WIRE-250
- 500’ BW-WIRE
- 1,000’ BW-WIRE-1K

Glue-On Bases (10 pack)
Bases can be glued or screwed to surfaces. Posts are inserted in bases.

- Black BW-BASE-BLACK
- Grey BW-BASE
- Tan BW-BASE-TAN

Standard Springs (100 pack)
Easily attach Bird Wire to posts. BW-SPRING

Micro Springs (100 pack)
Easily attach Bird Wire to posts. BW-SPRING-M

Crimps (100 pack)
To fasten Bird Wire to posts by threading it through crimps. BW-CRIMP

Posts (100 pack)
Stainless Steel Posts have flattened heads with hole for wire.

- 3.5” BW-POST-3.5
- 4.5” BW-POST-4.5
- 5” BW-POST-5
- 6” BW-POST-6

Railing Clamps (10 pack)
Use to attach wire to round surfaces, such as pipes and posts.

- 1” Diameter BW-CLAMP-1
- 2” Diameter BW-CLAMP-2
- 3” Diameter BW-CLAMP-3
- 4” Diameter BW-CLAMP-4
- 6” Diameter (2 posts) BW-CLAMP-6

Triangular Ridge Bracket
Runs birdwire along roof ridges. Flexible base fits any angle or roof fridge. Includes three 3.5” posts. BW-BRACKET TRI

Vertical Post & Wire Clamp
Stainless Steel Clamp used to install birdwire post to gutter bead, metal roof, or other vertical surfaces.

- 3.5” x 0.16” BW-CLAMP-V

Horizontal Post & Wire Clamp
Stainless Steel Clamp used to install bird wire post to an I-beam or other horizontal steel surface.

- 3.5” x 0.16” BW-CLAMP-H
SOLAR MESH KIT

Our solar mesh system secures around the perimeter of solar panels to exclude birds and animals from underneath the panel. The mesh is made of stainless steel welded into ½” squares and coated in thick, protective PVC coating that is resistant to UV degradation and chemical corrosion. Bespoke panel clips are made from UV protected nylon and secures mesh without damaging or voiding the panel warranty. Solar mesh can be mounted to any solar panel with a bracket depth of greater than 30 mm.

Solar Kit
Includes 100 ft. of mesh and 100 fastening clips.

Mesh Only
- Material: 302 stainless steel
- Length: 100 ft.
- Wire gauge: 0.7 mm
- Width: 8”
- PVC thickness: 0.3 mm
- Grid: ½” squares

Fastening Clips Only
- Material: UV protected nylon
- Length: 123 mm
- Clip depth: 32 mm
- Width: 10 mm
- Count: 100 pieces
LASER BIRD CONTROL

BIRD-X LASERS

Laser Deterrent Devices flash the area and the pest with disorienting laser light and they quickly learn that this area is unwelcoming. Since the deterrent works by bothering the pests’ eyesight, it is reliably effective against a huge variety of pest animals. Bird-X Laser Devices use “Fat Beam” technology to ensure our units are safe to use near humans while being strong enough to deter the pests.

Includes:
☑ Mounting Accessories
☑ Remote Control with Timer Options
☑ Power Cord

Indoor/Outdoor Laser Specifications:
• Laser color: Red + green
• Net Weight: 1.5kg
• Power: AC100-240V, 50-60Hz
• Electric Current: 100mA
• Classification: CLASS 3R
• Fuse: 2A
• Housing: Cast aluminum
• Beam Divergence: 60°
GELS, LIQUIDS AND VISUAL DETERRENTS

Bird Deflector
Uses sunlight and wind to create flashing lights during daylight hours to deter seagulls and other migratory birds. Can be screwed or glued into place. Equipped with adjustable angle arm for multiple positions.
*Aluminum and plastic design*
BD

Bird Proof Gel
Surface Repellent Gel; tacky substance keeps birds off surfaces. Discreet and low-profile, perfect for signs and entrances.
*12 tubes per case*
BP-CART

4 The Birds: Repellent Liquid
Transparent, sticky liquid makes surfaces tacky and uncomfortable to birds.
*Gallon*
BP-LIQ-1

Bird Stop
Taste aversion, liquid bird deterrent with a smell and taste that birds avoid.
*Gallon*
BS-GAL

Daddi Long Legs
Thin, stainless steel rods constantly move to interfere with birds’ wings when they attempt to land. Design is unobtrusive and practically invisible from a distance.
DLL-2
DLL-4
DLL-6
DLL-8

Bird Free Optical Deterrent Gel Cups
Gel Cups create an illusion of fire using birds’ ability to see ultraviolet light. This makes the area appear dangerous and uninhabitable to pest birds.
*15 cups per box*
BP-CUPS

Evo Blend Microbial Bird Dropping Cleaner
The Evo Blend Microbial Bird Dropping Cleaner’s formulation helps break down and remove bird dropping build-up in a safe and effective manner on hard, nonporous surfaces.

The Cleaner is made up of non-harmful surfactants and probiotic microbes that are specifically bred to be especially effective on urine and fecal material.
*1 Gallon*
BX-EVO

Safety Solvent Cleaner
Safely cleans and removes Bird Proof Liquid and/or Gel from surfaces.
*Gallon*
BPS-GAL
SONIC & ULTRASONIC DETERRENTS

Super BirdXPeller PRO
These units cover areas up to 6 acres.

Version 1 repels: Pigeons, Starlings, Sparrows, & Gulls
SBXP-PRO-1

Version 2 repels: Crows, Blackbirds, Grackles, Cormorants, & Ravens
SBXP-PRO-2

Version WP repels: Woodpeckers & Sparrows
SBXP-PRO-WP

BroadBand PRO
Both Sonic & Ultrasonic Bird Repeller. Covers up to 6 acres. Option to include 3 visual scares
BB-PRO

GooseBuster
Sonic Goose Control Device uses authentic recordings of Canada geese alarm and alert sounds to deter geese. Covers up to 7 acres.
GB

Solar Panel
Solar Panel converts sunlight into electricity and charges 12v batteries for DC (direct current) appliances. Works with Bird-X sonic devices.

5W  25W
SOLPAN  SOLPAN2

Ultrason X
Ultrasonic Bird Repellers are simple to install, extremely low-profile, & highly effective. Repel pest birds discreetly & permanently using silent-to-humans ultrasonic sound waves. Ultrasonic technology is irritating & disorienting to birds, but remains a safe, humane & eco-friendly option. These units cover areas up to 3,600 sq. ft.
USX
SONIC & ULTRASONIC DETERRENTS

Mega Blaster PRO
Our most powerful sonic system features two high-output amplifiers that drive our specially-designed 20 speaker tower. Solid-state electronics are mounted inside a NEMA-type control box, suitable for almost any large outdoor application. The intense sound output covers up to 25 acres, broadcasting distress calls at up to 125 decibels that frighten birds away for good.

QuadBlaster QB-4
The QuadBlaster QB-4 is an indoor ultrasonic bird control system composed of 4 built-in speakers and solid steel construction. Optional powerful flashing strobe light add-on creates a multi-sensory attack to frighten pests away from the area. The QB-4 covers up to 6,500 sq. ft. in enclosed or semi-enclosed areas.

QB-4 only
QB4

QB-4 + Strobe
QB4+S

ASK ABOUT OUR AIRPORT BIRD CONTROL SYSTEM
TRAPS

Pigeon Traps

Shade, water & feed container included
35” x 16” x 8”
PT3516/S/W/F

Shade, water & feed container included
46” x 24” x 10”
PT4624/S/1GW/F

Shade included
35” x 16” x 8”
PT3516/S

Trap only
35” x 16” x 8”
PT3516

Collapsible to 1” high
24” x 12” x 8”
PT2412/KD

Sparrow Traps

Trap only
16” x 12” x 6”
SP2

Water & feed container included
36” x 24” x 10”
SP3/W/F
WHY CHOOSE BIRD-X?

CUSTOMER SATISFACTION
Customer satisfaction is of utmost importance to us. We’ve been in business since 1964 and are consistently top-rated by the Better Business Bureau. Our dedicated team is happy to answer any questions and provide free consultations.

DURABILITY
Our solutions are built to last. We use high-grade materials to ensure that our bird control solutions will withstand harsh environmental conditions and corrosion with little to no maintenance required.

SUSTAINABILITY
Bird-X is passionate about providing sustainable solutions. That’s why Bird-X has been leading the movement to develop, improve, and offer eco-friendly repellent solutions for over 50 years. We have proven that wildlife and pest populations can be repelled from unwanted areas humanely.

RESEARCH AND PRODUCT DEVELOPMENT
We maintain an exceptionally strong commitment to new product development – putting the latest scientific discoveries, decades of innovative thinking, patented designs, and state-of-the-art technology into each of our products.