Bird Netting • Netting Hardware
Bird Spikes • Bird Wire
Sonic & Ultrasonic Deterrents
Avishock™
Other Bird Repellent Products
Bat & Wildlife Control
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 Bird Wire & Post Products
   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.

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

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

14 Other Bird Repellent Products
   Bird Proof Gel and liquids, taste aversions, visual scares, predator decoys, traps, and more.

15 Pigeon & Sparrow Traps
   Humane traps allow birds a way in, but can only be removed by hand.

16 Sonic & Ultrasonic Electronic Bird Repellers
   Electronic repellers provide effective, money-saving, humane bird control solutions.
Bird-X is the leading brand of **humane** and **eco-friendly** pest and bird control solutions worldwide—protecting human health, wildlife and the environment in which we all live.

Established in 1964, the Chicago-based company manufactures a complete line of unique pest 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.
Bird Netting creates a physical barrier to prevent pest birds from entering specific areas. When installed properly, netting is 100% effective, making it ideal for zero-tolerance zones.

**PE-Plus Premium Grade BirdNet**

This 3/4” polyethylene netting is a permanent solution, ideal for commercial projects. The material is lightweight, pilable, 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

**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

**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

**1-1/8” 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

**Structural Heavy-Duty BirdNet**

This 1/2” polypropylene is perfect for small businesses, homeowners, farmers, and gardeners. It is durable, plastic netting that is lightweight, pilable, and resistant to elemental damage. Lasts up to 5 years.

**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, pilable 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
Each job is different and demands some on-site ingenuity. Double-check your measurements before cutting the net and be sure you have all materials necessary to complete the job before beginning.

» Call your account manager with any questions «

Netting Hardware

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

Screw
**Stainless Steel (10 pack)**
1/2” lay eye screw.
MTG-LAG-SCREW-SS

Eyebolt Screw
**Stainless Steel (10 pack)**
For wood or thick sheet metal surfaces. Corner/end attachment. 17/32” I.D., 1” lag thread.
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
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 3/4”.

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)
MTG-GIRD-1
5/16”–1/2” (100 pack)
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

Bracket with Hilti Pin
Used as a corner or intermediate attachment or as a quick-release cable holder.

MTG-BRACKET-HILTI PIN

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
MTG-ZIPPER-1
3’ Black, 5MM
MTG-ZIPPER3
6’ Black, 5MM
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
Bird-X Stainless Steel Bird Spikes are used on structures worldwide to keep pest birds from roosting and nesting on building surfaces. The spikes are not harmful – just extremely irritating, intimidating, and uninviting.

Stainless Steel Bird Spikes have been the industry standard for 20+ years. They won’t corrode or decay and the flexible base allows for installation on curved surfaces.

Various sizes available. CAD files and documented specifications available upon request.

Narrow Bird Spikes 2.5”
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

Regular Bird Spikes 4.5”
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 7.5”
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 7”
Top width: 7”
Base width: 0.5”
Highest point: 5.75”
98 ft.........ETS-98

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
Plastic Bird Spikes

Bird-X Plastic Bird Spikes are made of durable polycarbonate which will not corrode. Bird Spikes eliminate landing surfaces and increase property aesthetics. The flexible base allows for easy installation on curved surfaces.

CAD files and documented specifications available upon request.

Narrow Bird Spikes 2.5”

- Top width: 2.5”
- Base width: 0.75”
- Highest point: 4.75”
- 10 ft........SP-10-NR
- 25 ft........SP-24-NR
- 50 ft.......SP-50-NR
- 100 ft.....SP-100-NR

Regular Bird Spikes 6.5”

- Top width: 4.5”
- Base width: 1.75”
- Highest point: 4.75”
- 10 ft..........SP-10
- 25 ft........SP-24
- 50 ft.......SP-50
- 100 ft.....SP-100
Avishock™ Bird Shock Track is flexible and adaptable, almost invisible, extremely long-lasting, and humane. It was created with easier and safer installation in mind, featuring snap connectors and longer rolls, no sharp parts to reduce risk of injury, and with a flatter base to help reduce the use of glue. Train birds to stay away with low-profile electrified track that conforms to any architectural surface.

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
- Brick Red
  - SHK106

Straight Connector (x20)
- SHK121

Corner Connector (x20)
- SHK122

Jumper (x20)
- SHK123

Female Spade Connectors (x100)
- SHK023-100

Male Spade Connectors (x100)
- SHK029-100

Connector Ring Terminal (x10)
- SHK024
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

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

Warning Plates (x25)
Hard-wearing plastic
SHK032

Warning Window Stickers (x100)
SHK033

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

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

12V 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

Connection 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
Bird Wire is a discreet, humane, and highly-effective bird control solution for pipes, edges, beams, signs, and other long surfaces. Stainless steel wires are attached to stainless steel posts at different heights, creating an uneven landing surface and making it difficult—if not impossible—for birds to perch on the treated surface.

**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
- **5.0”**
  - BW-POST-5.0
- **6.0”**
  - BW-POST-0

**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. 3”, 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

Solar Mesh Guard Kit

This system securely protects panels from pest birds and rodents without damaging or voiding the panel warranty. The mesh is made of stainless steel welded into half inch 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. The Solar Mesh Kit 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.

SOLAR KIT

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

SOLAR MESH

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

SOLAR CLIP

Solar Mesh Kits protect the roof, electrical wiring and panels from damage by birds and rodents. The system creates a physical barrier to exclude unwanted pests from the treated area, ensuring that the wiring is inaccessible to pest birds and rodents.
Bird-X Laser Devices emit an array of laser beams that irritate and frighten pests with coverage up to 10,000 sq. ft.

**Bird-X Laser**

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°
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

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*

EVO-CLEANER

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

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

Safety Solvent Cleaner
Safely cleans and removes Bird Proof Liquid and/or Gel from surfaces.

*Gallon*

BPS-GAL
Multi-chamber traps come with or without shade, water or feed accessories. Once birds enter, they cannot get back out the way they came. Birds move immediately to the elevated second level so they do not feel trapped and will not emit distress calls. Access doors allow for easy removal of birds.

**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
Sonic Bird Control Devices are easy to install, fully programmable & extremely effective. Broadcast bird distress calls & predator calls that condition pest birds to stay away from the area – one device covers multiple acres of land.

**Ultrasonic & Sonic 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  20W
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
Ultrasonic & Sonic 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
Bird-X works closely with professional installers and pest control professionals on projects of all sizes. We understand the urgent and competitive nature of the industry, and we’re here to help.

From initial bidding support to product training and custom consultations, your dedicated account manager will take care of you promptly with expert advice and information.

Please contact our knowledgeable sales team and let us know what you need.