



TONI

Bird Control Solutions

BIRD CONTROL CATALOGUE

Products for effective bird control



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Spikes

Spikes are stainless steel metal barbs with a defined height that effectively repel birds.

Spikes are available in two basic versions:

- pikes on a polycarbonate strip: the stainless steel wire is fixed to a PC strip.
- 100% stainless steel spikes: the stainless steel wire is welded or plugged to a stainless steel plate.

There are different versions available for each breed and purposes.

Wire systems

Pigeons and other birds cannot sit on thin, taught stainless steel wire and are thus driven away.

The height of wire systems is prescribed with 110 mm. This value is based on experience, because the pigeon cannot then reach the ground. The system must be adjusted for other birds.

Nettings

Netting provides safe protection from landing birds. Netting is available in various materials: plastic, textile or stainless steel.

There are two methods for fixing netting: with high performance bonding agent or alternatively with a tensioned steel cable frame – which requires boring or clamping.

Electrical systems

With electrical systems pigeons receive an uncomfortable but harmless electrical impulse, which drives them away. Electrical impulse systems work on the same principle as meadow electrical fences.

There are in principle two basic versions: rod and profile. There are also several special versions for specific purposes.

Electrical systems are amongst the most effective control methods.

Swallow control

Swallows are cute, but what they leave on house walls is less cute.

These birds are subject to strict animal protection regulations. Included in this is that nesting birds have to be tolerated as a rule.

Decoys

Predator decoys imitate natural enemies and thus increase hostile pressure in the affected area.

Predator decoys are available as “passive” decoys to hang or position and “active” decoys, flying robots and bird decoys with controllable movements.

Decoys and robot birds are suitable for low to medium populations.

Guttering

Especially small birds like to breed under rain gutters or even enter the roof under the first tile. We offer good preventive solutions for this problem, which every roof repair measure should also cover.

Acoustic solutions

Birds respond to acoustic stimuli. This is exploited in various bird control systems:

- acoustic pressure systems use ultrasonic, which is perceived by birds, as carrier waves
- predator call systems imitate the cries of natural enemies. Warning calls are also played. With a reduced volume the systems can also be installed on property.

Visual solutions

Birds also perceive external stimuli, particularly visual. The latest research shows that the animals can see light with a wave length of 430 - 680nm. These are used in visual bird control devices.

- Stroboscure: transmits pulsing strobe explosions. Therefore, it is only approved for indoor use.
- Lasers systems are relatively new on the market and are mainly used in the professional sector (e.g. airports)

Agriculture

It is not possible to imagine the countryside without birds, here they find sufficient feed and nesting. The result is serious damage to the harvest and significant costs.

We offer several solutions: Nettings, bogles, decoys, acoustic and visual solutions.

Bird protection

Birds are an important part of wildlife. Our bird protection systems help birds to survive and breed. Some bird protection measures may even lure the birds away from unwanted areas.

Airports

Depending on size and number, birds can become a risk for aircraft. The solutions listed here are used on airports for professional birdstrike hazard management.

Other products

Other products list disinfection devices, bird slides and birdcontrol products for special occasions.

Spikes

Spikes are stainless steel metal barbs with a defined height that effectively repel birds.

Spikes are available in two basic versions:

- pikes on a polycarbonate strip: the stainless steel wire is fixed to a PC strip.
- 100% stainless steel spikes: the stainless steel wire is welded or plugged to a stainless steel plate.

There are different versions available for each breed and purposes.



Article- Nr.: S-0102

Pigeon Spikes on PC Base

2- rows U- shaped

from 4.70 € per meter

incl. 19 % VAT. plus delivery

Ex- stock

Prices:

1m - 19m	7.06 €
20m - 49m	5.88 €
from 50m	4.70 €

Article types:

3- rows U- shaped	from 7.08 €
4- rows U- shaped	from 8.87 €
1- row U- shaped	from 4.11 €
3- rows V- shaped (similar to photo)	from 7.26 €
4- rows V- shaped (similar to photo)	from 9.10 €
5- rows V- shaped (similar to photo)	from 10.23 €
2- rows U- shaped	from 4.70 €

Article Description

Coverage: up to 30-200mm ledge depth

Module length: 333mm

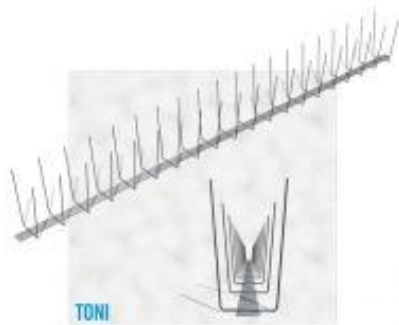
- Stainless steel wires attached to a transparent and UV- stabilised polycarbonate base.
- Stainless steel wires are standardised at 11cm height.
- Various types available (1-4 rows and special design for gutters), adaptable to various ledge depths.
- Two different types, U and V shaped available.
- Resiliently, flexible stainless steel wires prevent injuries.
- Breaking points for easy and quick installation.
- Punch holes for fastening with screws or nails.

Practical Applications:

The system in practise: [REFERENCES](#)

Accessories

Gutter Clips, 100 pieces [S-09], Special Adhesive [S-1101], Bitumen adhesive tape [S-17]



Article- Nr.: S-0202

Stainless Steel Spikes, welded

2- rows

from 8.27 € per meter

incl. 19 % VAT. plus delivery

Ex- stock

Prices:

1m - 19m	12.41 €
20m - 49m	10.34 €
from 50m	8.27 €

Article types:

1- row	from 7.08 €
3- rows	from 9.46 €
4- rows	from 10.65 €
for gutters	from 8.87 €
2- rows	from 8.27 €

Article Description

Coverage: up to 30-200 mm ledge depth

Module length: 500 mm

- Resiliently elastic, rust- free stainless steel spikes.
- Stainless steel wires are standardised at 11cm height.
- Various types available (1-4 rows and special design for gutters), adaptable to various ledge depths.
- Resiliently flexible stainless steel wires prevent injuries.
- Punched holes for fastening with screws or nails.

Practical Applications:

The system in practise: [REFERENCES](#)

Accessories

Gutter Clips, 100 pieces [S-09], Special Adhesive [S-1101], Bitumen adhesive tape [S-17]

Article- Nr.: S-1801



Flex-Spikes for birdcontrol

3- rows without glue strip

from 141.66 € per unit (32 pcs)

incl. 19 % VAT. plus delivery

Ex- stock

Prices:

1 - 4 units (1 unit = ca. 16meters)	212.49 €
Basic price: 6.64 € pro pcs	
5 - 9 units (1 unit = ca. 16meters)	177.07 €
Basic price: 5.53 € pro pcs	
from 10 units (1 unit = ca. 16meters)	141.66 €
Basic price: 4.43 € pro pcs	

Article types:

3- rows with glue strip	from 187.35 €
3- rows without glue strip	from 141.66 €

Article Description

Coverage: up to 90mm ledge depth

Module length: 460mm

- fully made of plastic
- shapely and lightweight
- no risk of injury for birds or man
- transparent
- can be produced in all RAL- colours (please ask for minimum order quantity)
- the spikes are narrow and therefore work against small birds, pigeons and seagulls
- adaptable to all surfaces because of high flexibility and bending elasticity
- clips at each end of the spike allow easy connection between spikes
- Version with glue strip allows very easy installation without any additional glue. This also allows easy removal without residuals.
- premanufactured punched hole for easy installation with screws. Additional notches in the base- profile allow professional installation with proper glue
- 1 packaging unit contains 32 pieces of spikes, which makes roughly 16 meters

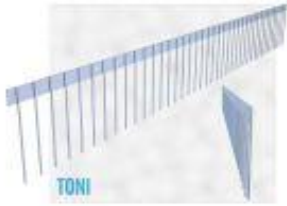
Practical Applications:

The system in practise: [REFERENCES](#)

Accessories

Gutter Clips, 100 pieces [S-09], Special Adhesive [S-1101], Bitumen adhesive tape [S-17]

Article- Nr.: S-1901



Bird Spikes Solar- Protect, welded

1- row 100mm length

from 9.26 € per 1m

incl. 19 % VAT. plus delivery

Ex- stock

Prices:	
1m - 20m	13.89 €
21m - 50m	11.58 €
ab 51m	9.26 €

Article types:	
1- row 125mm length	from 9.50 €
1- row 150mm length	from 9.81 €
4- rows 115mm length	from 12.47 €
1- row 100mm length	from 9.26 €

Article Description

Solar- Protect stainless steel spikes protect your solar panels from bird droppings. They keep pigeons away from secured areas by the use of sufficiently long stainless steel- wires, which consist of one / four rows of wires in parallel Spikes. Solar- Protect spikes have been developed to protect Solar collectors.

Module length: 1000mm

- Resiliently elastic, rust- free stainless steel spike.
- Various types available (1- or 4- rows) with different legths.
- Resiliently flexible stainless steel wires prevent injuries.
- The Spikes are applied to the side frame of the solar panel. There is no damage to the solar panel after deinstallation of the spikes (when necessary)
- Material: Stainless steel 1.4301. Wire width: 2.0mm, Distance of wires: 25mm, Module width: 18mm, Material Thickness: 0.8mm

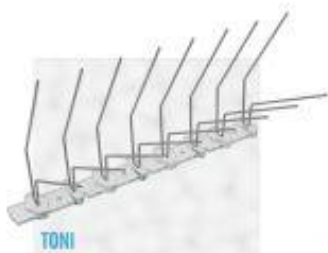
Practical Applications:

The system in practise: [REFERENCES](#)

Accessories

Dachrinnenclips, 100 Stück [S-09], Spezialkleber [S-1101], Bitumenklebeband [S-17]

Article- Nr.: S-16



Bird Spikes Solar- Protect on PC Base

1 pcs = 12 m, 2- rows

from 74.26 € per piece

incl. 19 % VAT. plus delivery

Ex- stock

Prices:	
1 - 10 units	92.82 €
Basic price: 7.74 € pro m	
11 - 15 units	78.54 €
Basic price: 6.55 € pro m	
from 16 units	74.26 €
Basic price: 6.19 € pro m	

Article Description

Solar- Protect stainless steel spikes protect your solar panels from bird droppings. They can be easily attached to the edge of the panel, preventing birds from sitting on it.

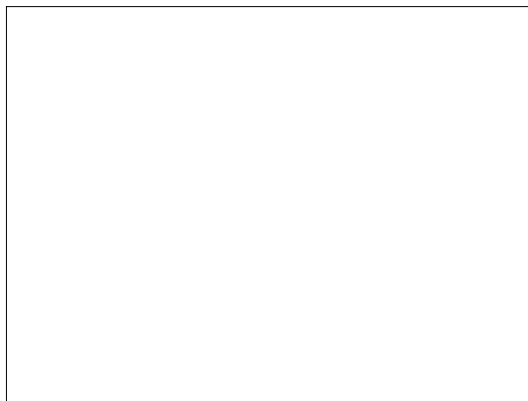
Module length: 500mm

Packaging unit: 12 metres

- Stainless steel wires attached to a transparent and UV- stabilised polycarbonate base.
- Stainless steel wires are standardised at 11cm height.
- Resiliently flexible stainless steel wires prevent injuries.
- Breaking points for easy and quick installation.
- Punched holes for fastening with screws or nails.
- Material: Inox steel 302. Wire width: 1.3mm

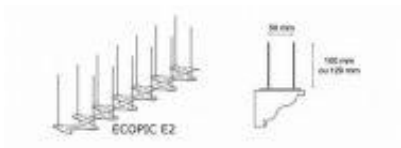
Practical Applications:

To protect solar panels



Accessories

Gutter Clips, 100 pieces [S-09], Special Adhesive [S-1101], Bitumen adhesive tape [S-17]



Article- Nr.: S-0801

Ecopic

E2 - 100mm

from 7.32 € per meter

incl. 19 % VAT. plus delivery

Ex- stock

Prices:	
1m - 19m	12.20 €
20m - 49m	8.78 €
from 50	7.32 €
Article types:	
E4 - 115mm	from 9.38 €
E6/200 - 120mm	from 16.78 €
E2 - 100mm	from 7.32 €

Article Description

Coverage: up to 60-250 mm ledge depth

Module Length: 330 mm

- Resiliently elastic, rust- free stainless steel spikes plugged onto a polycarbonate base.
- Various types (2, 4 and 6 rows) adaptable to various ledge depths.
- Resiliently flexible stainless steel wires prevent injuries.
- Punched holes for fastening with screws or nails.
- UV- stable.
- With predetermined breaking points.
- similar to photo

Available:

- E2 - 100mm high, 2- rows, unit= 1 meter
- E4 - 115mm high, 4- rows, unit= 1 meter
- E6/200 - 110mm high, 6- rows, unit= 1 meter
- [E2 - 100mm high, 2- rows, unit= 50 meters](#)
- [E2 - 120mm high, 2- rows, unit= 50 meters](#)
- [E4 - 115mm high, 4- rows, unit= 50 meters](#)
- [E4 - 115mm high - Steelinnox, 4- rows, unit= 50 meters](#)
- [E5 - 60/60 wide - 110mm high, 2- rows, unit= 50 meters](#)
- [E5 - 60-120 wide - 110mm high, 2- rows, unit= 50 meters](#)
- [E6/200 - 120mm high, 6- rows, unit= 20 meters](#)

Practical Applications:

The system in practise: [REFERENCES](#)

Accessories

Gutter Clips, 100 pieces [S-09], Special Adhesive [S-1101], Bitumen adhesive tape [S-17]



Article- Nr.: S-06

Swallow Spikes

3- rows

from 11.25 € per meter

incl. 19 % VAT. plus delivery

Ex- stock

Prices:

1m - 19m	16.87 €
20m - 49m	14.05 €
from 50m	11.25 €

Article Description

Module Length: 1,000 mm

Tips: 110 mm long, 1.5 mm spring wire gauge

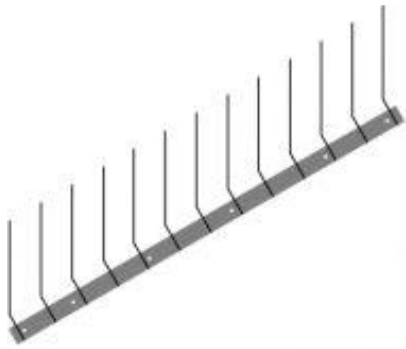
- Covering width: up to 150 mm max.
- Tape length: 1,000 mm
- Spike diameter: 1.5 mm
- Spike length: 110 mm
- Tape width: 18 mm
- Tape thickness: 0,8 mm
- Material: stainless steel 1.4301

Practical Applications:

The system in practise: [REFERENCES](#)

Accessories

Gutter Clips, 100 pieces [S-09], Special Adhesive [S-1101], Bitumen adhesive tape [S-17]



Article- Nr.: S-0701

Stainless Steel Spikes for large birds

1- row

11.25 € per meter

incl. 19 % VAT. plus delivery

Ex- stock

Article types:

2- rows	12.85 €
3- rows	20.09 €
4- rows	20.53 €
1- row	11.25 €

Article Description

Stainless steel spikes, 1-4 rows, to ward off large birds e.g. gulls, crows etc.

Coverage: 50-200 mm ledge depth

Module Length: 500 mm

Module Height: 13.5 cm

- Resiliently elastic, rust- free stainless steel spikes.
- Stainless steel wires are standardised at 11cm height.
- Various types available (1-4 rows), adaptable to various ledge depths.
- Resiliently flexible stainless steel wires prevent injuries.
- Punched holes for fastening with screws or nails.

Practical Applications:

The system in practise: [REFERENCES](#)

Accessories

Gutter Clips, 100 pieces [S-09], Special Adhesive [S-1101], Bitumen adhesive tape [S-17]



Article- Nr.: S-0401

Copper Spikes for small birds

1- rows

from 16.78 € per meter

incl. 19 % VAT. plus delivery

Delivery in 5-7 working days

Prices:	
1m - 19m	22.37 €
20m - 49m	19.02 €
from 50m	16.78 €

Article types:	
2- rows	from 19.99 €
3- rows	from 33.74 €
1- rows	from 16.78 €

Article Description

Effective and decorative defensive measure for small birds in medium bird populations. For installation on roofs and gutters, water pipes with bends, gables and copper roofs, and everywhere where optical appearance is a priority.

Height of spikes:

- 50 spikes per metre, each 6 cm (1- row)
- 2 x 50 spikes per metre, each 4 cm (2- row)
- 66 spikes per metre, each 10 cm (3- row)

Spike Centres:

- 2 cm (1- row, 2- row)
- 1.6 cm (3- row)

Material Thickness:

- 0.6 mm (1- row, 2- row)
- 1.3 mm (3- row)

Cover Width:

- Up to 5 cm ledge (1- row)
- Up to 10 cm ledge (2- row)
- Up to 15 cm ledge (3- row)

Accessories

Gutter Clips, 100 pieces [S-09], Special Adhesive [S-1101], Bitumen adhesive tape [S-17]



Article- Nr.: S-1201

Pigeon Spikes FECT polypropylene

1- row, light grey

949.03 € per unit

incl. 19 % VAT. plus delivery

Ex- stock

Article types:

1- row, grey	949.03 €
1- row, brown	949.03 €
1- row, light grey	949.03 €

Article Description

Coverage: up to 20 mm ledge depth

Module length: 500 mm

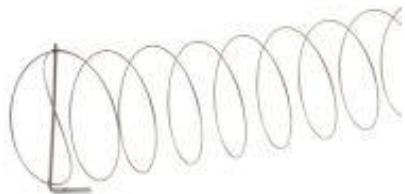
- 1 unit = 50 running meters.
- FECT spikes are packed in boxes of 50.
- An advantage of the spikes is that they are completely harmless, even if one loosens and falls.
- Optically the spikes are very discreet due to their unique form.
- The polypropylene material guarantees high stability and long life.
- The spikes can be easily adapted to local conditions by cutting and bending.

Practical Applications:

The system in practise: [REFERENCES](#)

Accessories

Holder for FECT spikes [S-13]



Article- Nr.: C-0101

Spiral- Set

Spiral

26.00 € per unit

incl. 19 % VAT. plus delivery

Ex- stock

Article types:

Spiral (wide)	305.24 €
Spiral (narrow)	339.15 €
Spiral (round)	395.68 €
Spiral	26.00 €

Article Description

The spiral is a flexible, physical barrier. Pigeons are also deterred by its own motion. The risk of injury to the birds with this product is very low.

It is easy to clean and does not lose its tension or shape when doing so.

Ideal for use on balcony railings, edges, parapets, billboards and balconies.

Protection against pigeons and crows.

4 different versions:

- Spiral (C-0101)
 - zinc coated, diameter 58mm, mounting rail made of stainless steel
 - **1 set (VE) consisting of: 8 spirals and 16 mounting rails**
 - 1 spiral covers 0.60 - 1.25 m from windows ledge

- Spiral on PC layer (C-0102)
 - Module length: 33 cm
 - Width of the PC-bar: 2 cm
 - Spiral Height: 9.5 cm
 - **Spiral Width: 16 cm**
 - Wire diameter: 1 mm
 - **1 set (unit) = 10m**

- Spiral on PC layer (C-0103)
 - Module length: 33 cm
 - Width of the PC-bar: 2 cm
 - Spiral Height: 9.5 cm
 - **Spiral Width: 4 cm**

- Wire diameter: 1 mm
- **1 set (unit) = 10m**

- Spiral on PC layer (C-0104)

- Module length: 33 cm
- Width of the PC-bar: 2 cm
- Spiral Height: 9.5 cm
- **Spiral Width: 9 cm**
- Wire diameter: 1 mm
- **1 set (unit) = 10m**

Wire systems

Pigeons and other birds cannot sit on thin, taught stainless steel wire and are thus driven away.

The height of wire systems is prescribed with 110 mm. This value is based on experience, because the pigeon cannot then reach the ground. The system must be adjusted for other birds.



Article- Nr.: D-0101

Tension wire element with underflying guard

1- row

3.31 € per piece

incl. 19 % VAT. plus delivery

Ex- stock

Article types:

2- rows	6.60 €
3- rows	9.91 €
4- rows	13.21 €
5- rows	16.42 €
6- rows	19.73 €
7- rows	23.03 €
8- rows	26.33 €
9- rows	29.63 €
Gutter bracket	2.59 €
Gutter, 2 x, with plastic clip	4.02 €
Gutter, 2 x, with metal clip	18.86 €
1- row	3.31 €

Article Description

This system is easy to assemble and clean. The pins are screwed and can therefore be replaced individually. A 2- hole pin gives protection against underflying.

Practical Applications:

The system in practise: [REFERENCES](#)

Accessories

Stainless Steel Wire, 0.54 mm [D-0601], Tension Spring, stainless steel, 100 pcs. [D-07], Eye Screw, 100 pieces [D-0803], Wire connectors, 100 pieces [N-2405]



Article- Nr.: D-0201

Stainless Steel Pins

95 mm, 1 hole, with plastic base

2.24 € per piece

incl. 19 % VAT. plus delivery

Ex- stock

Article types:

125 mm, 1 hole, with plastic base	2.50 €
Y- shaped, 125 mm, 2 hole, M4 thread	2.68 €
95 mm, 1 hole, for hammering	0.99 €
115 mm, 1 hole, for hammering	1.18 €
125 mm, 1 hole, for hammering	1.18 €
130 mm, 1 hole, for hammering	1.25 €
130 mm, 2 hole, for hammering	1.34 €
150 mm, 1 hole, for hammering	1.21 €
150 mm, 2 hole, for hammering	1.43 €
180 mm, 1 hole, for hammering	1.34 €
180 mm, 2 hole, for hammering	1.88 €
180 mm, 3 hole, for hammering	1.96 €
100 mm, 1 hole, M4 thread	2.09 €
100 mm, 2 hole, M4 thread	1.70 €
82 mm, without holes, without thread	1.52 €
95 mm, 1 hole, with plastic base	2.24 €

Article Description

Stainless steel pins with plastic base for hammering or screwing.

Practical Applications:

The system in practise: [REFERENCES](#)

Accessories

Stainless Steel Wire, 0.54 mm [D-0601], Tension Spring, stainless steel, 100 pcs. [D-07], Eye Screw, 100 pieces [D-0803], Wire connectors, 100 pieces [N-2405]



Article- Nr.: D-0301

Stainless Steel Pins

1 pin assembled on base

2.98 € per piece

incl. 19 % VAT. plus delivery

Delivery in 5-7 working days

Article types:

2 pins, assembled on a base	5.39 €
3 pins, assembled on a base	8.09 €
4 pins, assembled on a base	10.86 €
5 pins, assembled on a base	13.57 €
6 pins, assembled on a base	16.28 €
7 pins, assembled on a base	18.96 €
8 pins, assembled on a base	21.63 €
9 pins, assembled on a base	24.34 €
10 pins, assembled on a base	27.05 €
1 pin, deburred at the end	1.11 €
1 pin, with M4x13 thread	2.20 €
1 pin assembled on base	2.98 €

Article Description

- This system is easy to assemble.
- Instead of each individual pin only the bases with the pins have to be fixed. Thus, stainless steel wire systems with multiple rows can be assembled quickly.
- Up to 20- row elements are also available on request. Each further pin costs € 1.80 extra. Please enquire directly to us for these special products.

Practical Applications:

The system in practise: [REFERENCES](#)

Accessories

Stainless Steel Wire, 0.54 mm [D-0601], Tension Spring, stainless steel, 100 pcs. [D-07], Eye Screw, 100 pieces [D-0803], Wire connectors, 100 pieces [N-2405]



Article- Nr.: D-1101

Tension Wire Elements VESPA

1- row on a base

2.64 € per piece

incl. 19 % VAT. plus delivery

Ex- stock

Article types:

2- rows on a base	3.84 €
3- rows on a base	5.68 €
4- rows on a base	7.10 €
5- rows on a base	8.39 €
6- rows on a base	10.71 €
7- rows on a base	12.71 €
8- rows on a base	0.00 €
9- rows on a base	14.99 €
10- rows on a base	17.05 €
11- rows on a base	17.49 €
1- row on a base	2.64 €

Article Description

Stainless steel tension wire elements with underflying protection. The pins are welded to a plate.

Features:

- **Material:** 1.4301 stainless steel, rust- free
- **Base length:**
 - 1- row: 36 mm
 - 2- rows: 60 mm
 - 3- rows: 110 mm
 - 4- rows: 160 mm
 - 5- rows: 210 mm
 - 6- rows: 260 mm
 - 7- rows: 310 mm
 - 8- rows: 360 mm
 - 10- rows: 510 mm
- **Base width:** 30 mm
- **Base thickness:** 2 mm
- **Pin diameter:** 4 mm
- **Pin length:** 98 mm

Practical Applications:

The system in practise: [REFERENCES](#)

Accessories

Stainless Steel Wire, 0.54 mm [D-0601], Tension Spring, stainless steel, 100 pcs. [D-07],
Eye Screw, 100 pieces [D-0803], Wire connectors, 100 pieces [N-2405]



Article- Nr.: D-05

Stainless Steel Pins for swallow control

8.27 € per pin

incl. 19 % VAT. plus delivery

Delivery in 5-7 working days

Order a sample!

Article Description

- Tension wire system for controlling swallows.
- The pin is screwed at a downward angle from the roof eaves to the wall.
- Stainless steel wire is threaded through the 5 boreholes. The wire is tensioned through the stainless steel pins with the help of springs and clamps.
- The stainless steel pins should be fixed at intervals of maximum 1.0 - 1.5 m.
- In order to avoid the swallows flying in at the sides, stainless steel wires should be fed from the stainless steel pin upwards to the eaves, fixed with wood screws to stainless steel eye bolts and tensioned with springs.
- Swallow control- stainless steel pin: 35 mm stainless steel wood screw 1.4301, 210 mm length, 4 mm diameter, with 5 holes for stainless steel wire.

Practical Applications:

The system in practise: [REFERENCES](#)

Accessories

Stainless Steel Wire, 0.54 mm [D-0601], Tension Spring, stainless steel, 100 pcs. [D-07], Eye Screw, 100 pieces [D-0803], Wire connectors, 100 pieces [N-2405]



Article- Nr.: D-0401

Tension wire element

Tube Ø 30 mm, 1 pin

8.81 € per piece

incl. 19 % VAT. plus delivery

Ex- stock

Article types:

Pipe $\bar{\imath}$ $\frac{1}{2}$ 50 mm, 1 pin	10.00 €
Pipe 100 mm, 1 pin	14.52 €
Pipe $\bar{\imath}$ $\frac{1}{2}$ 100, x 2	17.14 €
Pipe $\bar{\imath}$ $\frac{1}{2}$ 150, x 2	18.80 €
Square pipe (side) $\bar{\imath}$ $\frac{1}{2}$ 15 mm	11.78 €
Square pipe (top) $\bar{\imath}$ $\frac{1}{2}$ 15 mm	11.78 €
Tube Ø 30 mm, 1 pin	8.81 €

Article Description

Tension wire system for pipes and square pipes.

Practical Applications:

The system in practise: [REFERENCES](#)

Accessories

Stainless Steel Wire, 0.54 mm [D-0601], Tension Spring, stainless steel, 100 pcs. [D-07], Eye Screw, 100 pieces [D-0803], Wire connectors, 100 pieces [N-2405]



Article- Nr.: D-0903

Tension Wire Element for roof ridges

Triangular, 3- pin

17.95 € per piece

incl. 19 % VAT. plus delivery

Ex- stock

Article types:

Round, 3- pin (230mm)	24.73 €
Round, 3- pin, adjustable from 180 $\frac{1}{2}$ 260 mm	17.59 €
Triangular, 3- pin	17.95 €

Article Description

Roof ridges can be easily protected from birds with these tension wire elements.

Available for round and pointed roof ridges.

Material: stainless steel, various qualities.

Practical Applications:

The system in practise: [REFERENCES](#)

Accessories

Stainless Steel Wire, 0.54 mm [D-0601], Tension Spring, stainless steel, 100 pcs. [D-07], Eye Screw, 100 pieces [D-0803], Wire connectors, 100 pieces [N-2405]



Article- Nr.: D-1001

Tension Wire Spacers

30 cm, 4- rows

7.06 € per piece

incl. 19 % VAT. plus delivery

Ex- stock

Article types:

45 cm, 6- rows	10.00 €
60 cm, 8- rows	12.41 €
30 cm, 4- rows	7.06 €

Article Description

The tension wire spacers are for protecting masonry and ledges from birds. They are fixed above the area of wall to be protected.

The stainless steels pins are 6 mm diameter and have 2 mm bore holes every 7.5 cm. (4-, 6- or 8- rows).

Practical Applications:

The system in practise: [REFERENCES](#)

Accessories

Stainless Steel Wire, 0.54 mm [D-0601], Tension Spring, stainless steel, 100 pcs. [D-07],

Eye Screw, 100 pieces [D-0803], Wire connectors, 100 pieces [N-2405]

Nettings

Netting provides safe protection from landing birds. Netting is available in various materials: plastic, textile or stainless steel.

There are two methods for fixing netting: with high performance bonding agent or alternatively with a tensioned steel cable frame – which requires boring or clamping.



Article- Nr.: N-3901

PE netting, black or stone coloured

black, 50mm mesh, 1 unit = 5mx5m

33.32 € per unit

incl. 19 % VAT. plus delivery

Ex- stock

Article types:

black, 50mm mesh, 1 unit 10mx10m	133.28 €
black, 50mm mesh, 1 unit 20mx20m	533.12 €
black, 50mm mesh, 1 unit 10mx100m	1332.80 €
stone, 50mm mesh, 1 unit 5mx5m	33.32 €
stone, 50mm mesh, 1 unit 10mx10m	133.28 €
stone, 50mm mesh, 1 unit 20mx20m	533.12 €
stone, 50mm mesh, 1 unit 10mx100m	1332.80 €
black, 19mm mesh, 1 unit 5mx5m	83.90 €
black, 19mm mesh, 1 unit 10mx10m	335.58 €
black, 19mm mesh, 1 unit 20mx20m	1285.20 €
stone, 19mm mesh, 1 unit 5mx5m	83.90 €
stone, 19mm mesh, 1 unit 10mx10m	335.58 €
black, 50mm mesh, 1 unit = 5mx5m	33.32 €

Article Description

- Ultra- light plastic netting with 1.2mm thread size in differently cut sizes and two mesh sizes 50mm x 50mm and 19mm x 19mm
- The netting provides secure protection against approaching birds. There are different types available.
- Cable frames are anchored by drilling to suitable positions and tensioned.
- The netting is fixed to the cable frame by ring clips.
- UV and moisture- resistant polyethylene is used. The material is chemical- proof and rotting resistant.

Practical Applications:

The system in practise: [REFERENCES](#)

Accessories

Eye Screw, 100 pieces [D-0803], Ring clips [N-1401], Ring clip pincers [N-15], Zip for netting [N-1601], Netting clips [N-1701], Stainless steel cable [N-1801], Galvanised cable [N-19], Clamp, 10 pieces [N-2001], Simplex clamp, 10 pieces [N-2101], Turnbuckle, 10 pieces [N-2201], Wire connectors, 100 pieces [N-2405], Beam Clamp, 100 pieces [N-2501], Netting scissors [N-2601], Magnets for attaching netting [N-33], Holders for PE nettings [N-4001], Netting funnel [N-43]



Article- Nr.: N-0201

Antec netting for adhesive technology, 50 x 50 mm mesh

1 unit = 3 m x 10 m

57.83 € per unit

incl. 19 % VAT. plus delivery

Delivery in 5-7 working days

Order a sample!

Article types:

1 unit = 6 m x 100 m	621.18 €
1 unit = 12 m x 100 m	1242.36 €
1 unit = 3 m x 10 m	57.83 €

Article Description

- Ultra- light plastic netting for bonding to all substrates (except wood).
- Adhesive holders are bonded to pre- cleaned and primed points with a two- component special adhesive.
- After curing the netting can be hung directly in the holders. They are secured further with cable binders.
- The fixing is weather and temperature dependent. The special adhesive requires a working temperature of at least 5°C.
- Only ultra- light netting, weighing 12g/ m2 (50 mm x 50 mm mesh), can be used for this method. The netting complies with Incendiary Material Class B1.
- The netting is hung taught and can be easily removed for maintenance purposes.
- The netting is suitable for medium to high populations.

Installationvideo

Um diesen Film anzuzeigen muss Javascript aktiviert
und der **Flash Player** installiert sein.

Practical Applications:

The system in practise: [REFERENCES](#)

Accessories

Special Adhesive [S-1101], Plastic holders for fixing netting [N-1201], Ring clips [N-1401], Ring clip pincers [N-15], Zip for netting [N-1601], Netting clips [N-1701], Netting scissors [N-2601], Netting funnel [N-43]



Article- Nr.: N-0101

Antec netting for adhesive technology 18 x 18 mm mesh

1 unit = 3 m x 10 m

105.67 € per unit

incl. 19 % VAT. plus delivery

Delivery in 5-7 working days

Article types:

1 unit = 6m x 50m	788.97 €
1 unit = 3 m x 10 m	105.67 €

Article Description

- Ultra- light plastic netting for bonding to all substrates (except wood).
- Adhesive holders are bonded to pre- cleaned and primed points with a two- component special adhesive.
- After curing the netting can be hung directly in the holders. They are secured further with cable binders.
- The fixing is weather and temperature dependent. The special adhesive requires a working temperature of at least 5°C.
- Only ultra- light netting, weighing 12g/ m2 (18 mm x 18 mm mesh), can be used for this method. The netting complies with Incendiary Material Class B1.
- The netting is hung taught and can be easily removed for maintenance purposes.
- The netting is suitable for medium to high populations.

Installationvideo

Um diesen Film anzuzeigen muss Javascript aktiviert
und der **Flash Player** installiert sein.

Practical Applications:

The system in practise: [REFERENCES](#)

Accessories

Special Adhesive [S-1101], Plastic holders for fixing netting [N-1201], Ring clips [N-1401], Ring clip pincers [N-15], Zip for netting [N-1601], Netting clips [N-1701], Netting scissors [N-2601], Netting funnel [N-43]



Article- Nr.: N-0303

PE Netting, black

50 x 50 mm mesh

from 1.43 € per m²

incl. 19 % VAT. plus delivery

Ex- stock

Prices:	
1m ² - 999m ²	2.76 €
1000m ² - 1999m ²	2.02 €
from 2000m ²	1.67 €
Article types:	
MW 20 x 20mm	from 4.40 €
MW 30 x 30mm	from 3.45 €
50 x 50 mm mesh	from 1.43 €

Article Description

- PE netting, black, complies with Incendiary Class B1.
- The netting provides secure protection against approaching birds. There are different types available.
- Cable frames are anchored by drilling to suitable positions and tensioned.
- The netting is fixed to the cable frame by ring clips.
- UV and moisture- resistant materials are used. With the materials, consideration is given to protection against fire. We recommend our difficult to ignite netting in accordance with Incendiary Class B1.
- Delivery time: Your order is important and we will do our best to deliver promptly. Depending on your concrete nets measurements, the delivery time can take up to 2 weeks. We kindly ask for your understanding.
- Measurements: Length/ width must be at least 1.0 meter. The length may be up to 5 times the measure of the width. If you need other measurements, please order several nets.

Example:

Desired net measurements: 25.0m x 2.0m

Possible net measurements: 2 nets of 10.0m x 2.0m each, 1 net 5.0m x 2.0m

Practical Applications:

The system in practise: [REFERENCES](#)

Accessories

Eye Screw, 100 pieces [D-0803], Ring clips [N-1401], Ring clip pincers [N-15], Zip for netting [N-1601], Netting clips [N-1701], Stainless steel cable [N-1801], Galvanised cable [N-19], Clamp, 10 pieces [N-2001], Simplex clamp, 10 pieces [N-2101], Turnbuckle, 10 pieces [N-2201], Wire connectors, 100 pieces [N-2405], Beam Clamp, 100 pieces [N-2501], Netting scissors [N-2601], Magnets for attaching netting [N-33], Holders for PE nettings [N-4001], Netting funnel [N-43]



Article- Nr.: N-0403

PE Netting, stone colour

50 x 50 mm mesh

from 1.67 € per m²

incl. 19 % VAT. plus delivery

Ex- stock

Prices:	
1m ² - 999m ²	2.76 €
1000m ² - 1999m ²	2.02 €
from 2000m ²	1.67 €

Order a sample!

Article types:

20 x 20 mm mesh	from 4.40 €
30 x 30 mm mesh	from 3.45 €
50 x 50 mm mesh	from 1.67 €

Article Description

- PE netting, stone colour, complies with Incendiary Class B1.
- The netting provides secure protection against approaching birds. There are different types available.
- Cable frames are anchored by drilling to suitable positions and tensioned.
- The netting is fixed to the cable frame by ring clips.
- UV and moisture- resistant materials are used. With the materials, consideration is given to protection against fire. We recommend our difficult to ignite netting in accordance with Incendiary Class B1.
- Delivery time: Your order is important and we will do our best to deliver promptly. Depending on your concrete nets measurements, the delivery time can take up to 2 weeks. We kindly ask for your understanding.
- Measurements: Length/ width must be at least 1.0 meter. The length may be up to 5 times the measure of the width. If you need other measurements, please order several nets.

Example:

Desired net measurements: 25.0m x 2.0m

Possible net measurements: 2 nets of 10.0m x 2.0m each, 1 net 5.0m x 2.0m

Practical Applications:

The system in practise: [REFERENCES](#)

Accessories

Eye Screw, 100 pieces [D-0803], Ring clips [N-1401], Ring clip pincers [N-15], Zip for netting [N-1601], Netting clips [N-1701], Stainless steel cable [N-1801], Galvanised cable [N-19], Clamp, 10 pieces [N-2001], Simplex clamp, 10 pieces [N-2101], Turnbuckle, 10 pieces [N-2201], Wire connectors, 100 pieces [N-2405], Beam Clamp, 100 pieces [N-2501], Netting scissors [N-2601], Magnets for attaching netting [N-33], Holders for PE nettings [N-4001], Netting funnel [N-43]



Article- Nr.: N-0602

PE netting, black- red

50 x 50 mm mesh

from 1.79 € per m²

incl. 19 % VAT. plus delivery

Ex- stock

Prices:	
1m ² - 999m ²	2.62 €
1000m ² - 1999m ²	2.02 €
from 2000m ²	1.79 €

Order a sample!

Article types:

20 x 20 mm mesh	from 4.88 €
50 x 50 mm mesh	from 1.79 €

Article Description

- PE netting, black- red, complies with Incendiary Class B1.
- The netting provides secure protection against approaching birds. There are different types available.
- Cable frames are anchored by drilling to suitable positions and tensioned.
- The netting is fixed to the cable frame by ring clips.
- UV and moisture- resistant materials are used. With the materials, consideration is given to protection against fire. We recommend our difficult to ignite netting in accordance with Incendiary Class B1.
- Delivery time: Your order is important and we will do our best to deliver promptly. Depending on your concrete nets measurements, the delivery time can take up to 2 weeks. We kindly ask for your understanding.
- Measurements: Length/ width must be at least 1.0 meter. The length may be up to 5 times the measure of the width. If you need other measurements, please order several nets.

Example:

Desired net measurements: 25.0m x 2.0m

Possible net measurements: 2 nets of 10.0m x 2.0m each, 1 net 5.0m x 2.0m

Practical Applications:

The system in practise: [REFERENCES](#)

Accessories

Eye Screw, 100 pieces [D-0803], Ring clips [N-1401], Ring clip pincers [N-15], Zip for netting [N-1601], Netting clips [N-1701], Stainless steel cable [N-1801], Galvanised cable [N-19], Clamp, 10 pieces [N-2001], Simplex clamp, 10 pieces [N-2101], Turnbuckle, 10 pieces [N-2201], Wire connectors, 100 pieces [N-2405], Beam Clamp, 100 pieces [N-2501], Netting scissors [N-2601], Magnets for attaching netting [N-33], Holders for PE nettings [N-4001], Netting funnel [N-43]



Article- Nr.: N-0702

Monofil nylon netting, 0.4 mm diameter, transparent

30 x 30 mm mesh

3.81 € per m²

incl. 19 % VAT. plus delivery

Ex- stock

Order a sample!

Article types:

20 x 20 mm mesh	4.76 €
30 x 30 mm mesh	3.81 €

Article Description

- Monofil nylon netting, 0.4 mm diameter, transparent.
 - The netting provides secure protection against approaching birds. There are different types available.
 - Cable frames are anchored by drilling to suitable positions and tensioned.
 - The netting is fixed to the cable frame by ring clips.
 - UV and moisture- resistant materials are used.
- Delivery time: Your order is important and we will do our best to deliver promptly. Depending on your concrete nets measurements, the delivery time can take up to 2 weeks. We kindly ask for your understanding.
 - Measurements: Length/ width must be at least 1.0 meter. The length may be up to 5 times the measure of the width. If you need other measurements, please order several nets.
Example:
Desired net measurements: 25.0m x 2.0m
Possible net measurements: 2 nets of 10.0m x 2.0m each, 1 net 5.0m x 2.0m

Practical Applications:

The system in practise: [REFERENCES](#)

Accessories

Eye Screw, 100 pieces [D-0803], Ring clips [N-1401], Ring clip pincers [N-15], Zip for netting [N-1601], Netting clips [N-1701], Stainless steel cable [N-1801], Galvanised cable [N-19], Clamp, 10 pieces [N-2001], Simplex clamp, 10 pieces [N-2101], Turnbuckle, 10 pieces [N-2201], Wire connectors, 100 pieces [N-2405], Beam Clamp, 100 pieces [N-2501], Netting scissors [N-2601], Magnets for attaching netting [N-33], Holders for PE nettings [N-4001], Netting funnel [N-43]



Article- Nr.: N-0802

Monofil nylon netting, 0.6 mm diameter, transparent

50 x 50 mm mesh

5.12 € per m²

incl. 19 % VAT. plus delivery

Ex- stock

Order a sample!

Article types:

30 x 30 mm mesh	6.22 €
50 x 50 mm mesh	5.12 €

Article Description

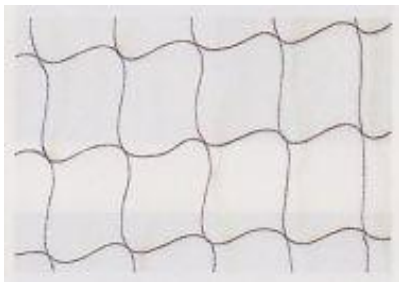
- Monofil nylon netting, 0.6 mm diameter, transparent.
 - The netting provides secure protection against approaching birds. There are different types available.
 - Cable frames are anchored by drilling to suitable positions and tensioned.
 - The netting is fixed to the cable frame by ring clips.
 - UV and moisture- resistant materials are used.
- Delivery time: Your order is important and we will do our best to deliver promptly. Depending on your concrete nets measurements, the delivery time can take up to 2 weeks. We kindly ask for your understanding.
 - Measurements: Length/ width must be at least 1.0 meter. The length may be up to 5 times the measure of the width. If you need other measurements, please order several nets.
Example:
Desired net measurements: 25.0m x 2.0m
Possible net measurements: 2 nets of 10.0m x 2.0m each, 1 net 5.0m x 2.0m

Practical Applications:

The system in practise: [REFERENCES](#)

Accessories

Eye Screw, 100 pieces [D-0803], Ring clips [N-1401], Ring clip pincers [N-15], Zip for netting [N-1601], Netting clips [N-1701], Stainless steel cable [N-1801], Galvanised cable [N-19], Clamp, 10 pieces [N-2001], Simplex clamp, 10 pieces [N-2101], Turnbuckle, 10 pieces [N-2201], Wire connectors, 100 pieces [N-2405], Beam Clamp, 100 pieces [N-2501], Netting scissors [N-2601], Magnets for attaching netting [N-33], Holders for PE nettings [N-4001], Netting funnel [N-43]



Article- Nr.: N-09

Sparrow netting

Netting 12 m x 2.5 m, 15 x 15 mm mesh

447.44 € per roll

incl. 19 % VAT. plus delivery

Ex- stock

Article Description

Extra small mesh netting especially made for capturing sparrows. The sparrows cannot get caught up in, or fly through, the netting.

Practical Applications:

The system in practise: [REFERENCES](#)

Accessories

Eye Screw, 100 pieces [D-0803], Ring clips [N-1401], Ring clip pincers [N-15], Zip for netting [N-1601], Netting clips [N-1701], Stainless steel cable [N-1801], Galvanised cable [N-19], Clamp, 10 pieces [N-2001], Simplex clamp, 10 pieces [N-2101], Turnbuckle, 10 pieces [N-2201], Wire connectors, 100 pieces [N-2405], Beam Clamp, 100 pieces [N-2501], Netting scissors [N-2601], Magnets for attaching netting [N-33], Holders for PE nettings [N-4001], Netting funnel [N-43]



Article- Nr.: N-1003

V2A netting, 0.7mm wire diameter

Netting 1m x 25m, 30 x 30mm mesh

332.01 € per roll

incl. 19 % VAT. plus delivery

Ex- stock

Article types:

Netting 1m x 25m, 10 x 10mm mesh	902.32 €
Netting 1.5m x 50m, 25 x 40mm mesh	1052.27 €
Netting 1.5m x 25m, 30 x 30mm mesh	498.02 €
Netting 1m x 25m, 30 x 30mm mesh	332.01 €

Article Description

Stainless steel V2A netting is spot welded, material class 1.4301. It is intended for use over large areas. The protecting of windows, ornaments or entire facades can be expertly carried out with this high quality material.

The material is supplied in rolls. You may order cut lengths of this netting [HERE](#).

Practical Applications:

The system in practise: [REFERENCES](#)

Accessories

Eye Screw, 100 pieces [D-0803], Ring clips [N-1401], Ring clip pincers [N-15], Zip for netting [N-1601], Netting clips [N-1701], Stainless steel cable [N-1801], Galvanised cable [N-19], Clamp, 10 pieces [N-2001], Simplex clamp, 10 pieces [N-2101], Turnbuckle, 10 pieces [N-2201], Wire connectors, 100 pieces [N-2405], Beam Clamp, 100 pieces [N-2501], Netting scissors [N-2601], Magnets for attaching netting [N-33], Holders for PE nettings [N-4001], Netting funnel [N-43]



Article- Nr.: N-1101

V2A netting, 1.0mm wire diameter

Netting 1m x 25m, 19 x 19mm mesh

639.92 € per roll

incl. 19 % VAT. plus delivery

Ex- stock

Article types:

Netting 1m x 25m, 30 x 30mm mesh	460.53 €
Netting 1.5m x 25m, 30 x 30mm mesh	690.80 €
Netting 1.5m x 50m, 50 x 50mm mesh	1100.45 €
Netting 1m x 25m, 19 x 19mm mesh	639.92 €

Article Description

Stainless steel V2A netting is spot welded, material class 1.4301. It is intended for use over large areas. The protecting of windows, ornaments or entire facades can be expertly carried out with this high quality material.

The material is supplied in rolls. You may order cut lengths of this netting [HERE](#).

Practical Applications:

The system in practise: [REFERENCES](#)

Accessories

Eye Screw, 100 pieces [D-0803], Ring clips [N-1401], Ring clip pincers [N-15], Zip for netting [N-1601], Netting clips [N-1701], Stainless steel cable [N-1801], Galvanised cable [N-19], Clamp, 10 pieces [N-2001], Simplex clamp, 10 pieces [N-2101], Turnbuckle, 10 pieces [N-2201], Wire connectors, 100 pieces [N-2405], Beam Clamp, 100 pieces [N-2501], Netting scissors [N-2601], Magnets for attaching netting [N-33], Holders for PE nettings [N-4001], Netting funnel [N-43]

Electrical systems

With electrical systems pigeons receive an uncomfortable but harmless electrical impulse, which drives them away. Electrical impulse systems work on the same principle as meadow electrical fences.

There are in principle two basic versions: rod and profile. There are also several special versions for specific purposes.

Electrical systems are amongst the most effective control methods.

Article- Nr.: E-01



TONI IS P2 Electrical System

Complete set, unit: 30 m

349.86 € per unit

incl. 19 % VAT. plus delivery

Ex- stock

Order a sample!

Article Description

The TONI ES P2 Electrical System is a simple, but effective, electrical bird control system. The bird gets an effective electric shock on landing and is repelled. The system works on the meadow fence principle. It does not injure birds.

The system comprises of two parallel metal rods assembled on UV- resistant plastic holders. The plastic holders can be bonded, screwed or riveted.

The areas protected are then always avoided by pigeon populations.

A complete set (sufficient for 30 running metres) comprises of:

- | | | |
|---|----------------------|---------------|
| • Stainless steel rods, 2 mm Ø, 1.50 m long | 40 pieces | |
| • Plastic holders, UV- resistant | | 90 pieces |
| • Connecting spring, stainless steel | | 2 units @ 100 |
| pieces | | |
| • Connecting sleeve 3 x 30, stainless steel or copper | 2 units @ 100 pieces | |
| • Sleeves for wiring 5 x 7, stainless steel or copper | 2 units @ 100 pieces | |

Current calibrator, high voltage cabling and other wiring is not included in a set.

Practical Applications:

The system in practise: [REFERENCES](#)

Accessories

Special Adhesive [S-1101], V2A Rod TONI ES P2 [E-01-01], TONI ES P2 Plastic Holder [E-01-02], Connecting Spring TONI ES P2 [E-01-03], Connecting Sleeve TONI ES P2 [E-01-0402], Ferrule for Wiring TONI ES P2 [E-01-05], Shrink Tubing TONI ES P2 [E-01-06], Power Supply, 2-wire [E-0801], Digital System Tester [E-10], Warning Sign [E-1101], Rain Guard [E-12], Lightning Switch [E-13], Lightning Choke [E-14], Power Monitor [E-0906]

Article- Nr.: E-1701



K60 Electrical System

K60 light grey, 1 pcs = 10 m

142.80 € per unit

incl. 19 % VAT. plus delivery

Ex- stock

Article types:

K-60 anthracite, 1 pcs = 10 m	142.80 €
K60 light grey, 1 pcs = 10 m	142.80 €

Article Description

The new Electrical system K60 is a true innovation in bird control. It consists of

- a UV- and weather proof grey/ black PVC- profile, which is easy to to form
- two extra wide aluminum conductors, which are fixed on the profile

The K60- system is 9mm high and 33mm wide. K60 is manufactured on a 10m long role. It can be easily installed. Surfaces must be pre- cleaned, dust- and oilfree and dry.

The K-60 electrical system is available in grey and anthracite. Other colours are available (minimum order quantity 500m, delivered in 5m roles, additional price per meter: 1.30 + VAT if applicable).



Adequate surfaces: metal, glass, stone, tiles, asphalt, marble, laminated wood and steel.

The system should be cleaned on a yearly basis (maintenance contract). For an effective pigeon control, K60 can be installed 25mm behind the attic. For smaller birds, K60 should be installed directly on the attic.

Practical Applications:

The system in practice: [REFERENZEN](#)

Accessories

Special Adhesive [S-1101], Power Supply, 2-wire [E-0801], Digital System Tester [E-10], Warning Sign [E-1101], Rain Guard [E-12], Lightning Switch [E-13], Lightning Choke [E-14], Wire connectors, 100 pieces [N-2405], Power Monitor [E-0906]



Article- Nr.: E-0301

TAPO Electrical System

Complete set, light grey, 30 m

589.05 € per unit

incl. 19 % VAT. plus delivery

Ex- stock

Article types:

Complete set, black, unit = 30 m	589.05 €
Complete set, light grey, 30 m	589.05 €

Article Description

This system is specially designed for use on cornices, guttering, snow guards and structural design features.

It comprises of robust plastic profile with two conductor tracks.

The profile is very flexible and can therefore absorb any expansion stresses.

The roof- shaped concept ensures water drainage.

A complete set (sufficient for 30 running metres) comprises of:

- 30 m electrical profile light grey/ black
- 200 holders
- 100 butt connectors 6 mm²

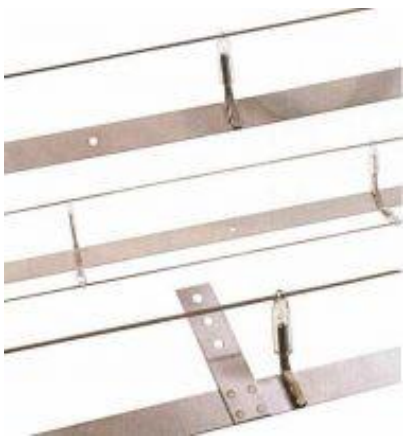
Current calibrator, high voltage cabling and other wiring is not included in a set.

Practical Applications:

The system in practise: [REFERENCES](#)

Accessories

Special Adhesive [S-1101], TAPO Electrical Profile [E-03-0101], TAPO Spacers [E-03-0201], TAPO Butt Connectors [E-03-03], Power Supply, 2-wire [E-0801], Digital System Tester [E-10], Warning Sign [E-1101], Rain Guard [E-12], Lightning Switch [E-13], Lightning Choke [E-14], Power Monitor [E-0906]



Article- Nr.: E-0501

Easy- Fix Electrical System

Complete set, 2rows, 40 m

456.96 € per Unit

incl. 19 % VAT. plus delivery

Ex- stock

Article types:

Version for gutterings, 40m	471.24 €
Complete set, 2rows, 40 m	456.96 €

Article Description

Module length: 1 metre

The stainless steel strips are pre- drilled, so they can be bonded, screwed or riveted.

The individual modules are pre- assembled, i.e. thin stainless steel rods have already been thread through the insulated pins and only have to be connected using the connection springs.

A complete set (sufficient for 40 running metres) comprises of:

- 40 metres of electrical system, 2- row or for guttering
- Connection springs
- Insulator heads
- Stainless steel rods

Current calibrator, high voltage cabling and other wiring is not included in a set.

Practical Applications:

The system in practise: [REFERENCES](#)

Accessories

Special Adhesive [S-1101], Power Supply, 2-wire [E-0801], Digital System Tester [E-10], Warning Sign [E-1101], Rain Guard [E-12], Lightning Switch [E-13], Lightning Choke [E-14], Wire connectors, 100 pieces [N-2405], Power Monitor [E-0906]



Article- Nr.: E-0201

ColumbEx Electrical System

Complete set, light grey = 30 meters

330.23 € per unit

incl. 19 % VAT. plus delivery

Ex- stock

Article types:

Complete set, anthracite = 30 meters	348.08 €
Complete set, light grey = 30 meters	330.23 €

Article Description

The ColumbEx electrical system is an alternative solution, developed especially for high- quality Grade II listed structures. ColumbEx is easy to form.

As with conventional electrical systems the bird is repelled by an effective electric shock if it lands on the wire. The metal fence principle is used.

The important characteristics of the ColumbEx electrical system:

- The profile, made of high- quality UV- and weather resistant plastic polyethylene (PE) profile in natural or anthracite colours, is held in position by holders, which are bonded to the substrate.
- Profile holders prevent the rods from touching, thus making the system short- circuit proof.
- A current calibrator provides up to 30,000 m system length.
- The electrical system is suitable for medium to high populations of birds.

A complete set (sufficient for 30 running meters) comprises of:

- 30 m profile 50 pieces @ 1.20 m (40 pieces with 1.5 mm connector attached, 10 pieces insulated one end)
- 150 holders
- 50 connectors 1.5 mm
- 5 pairs of straightener (spring elements) including 10 attaching rings

Current calibrator, high voltage cabling and other cabling is not included in a set.

Practical Applications:

The system in practise: [REFERENCES](#)

Accessories

Special Adhesive [S-1101], Power Supply, 2-wire [E-0801], Digital System Tester [E-10], Warning Sign [E-1101], Rain Guard [E-12], Lightning Switch [E-13], Lightning Choke [E-14], Power Monitor [E-0906]



Article- Nr.: E-1901

Electro system Bird- Rod

Set XL-6 / 25m

437.33 € per unit

incl. 19 % VAT. plus delivery

Ex- stock

Article types:

Set XL-4 / 40m	496.23 €
Set L-3 / 50m	486.41 €
Set M-2 / 75m	508.73 €
Set XL-6 / 25m	437.33 €

Article Description

The Bird- Rod system is a simple, but effective, electrical bird control system. The bird gets an effective electric shock on landing and is repelled. The system works on the meadow fence principle. It does not injure birds.

The system comprises of parallel metal rods assembled on UV- resistant plastic holders.

The areas protected are then always avoided by pigeon populations.

The complete sets are ready for installation.

The rods have the following dimensions: Rod 3mm x 1000mm

Different sets are:

- Set XL-6 for 25m including 6 rods - 105mm cover
- Set XL-4 for 40m including 4 rods - 65mm cover
- Set L-3 for 50m including 3 rods - 45mm cover
- Set M-2 for 75m including 2 rods - 25mm cover

Current calibrator, high voltage cabling and other wiring is not included in a set.

Accessories

Stainless steel rods - 100 pcs. [E-1905], PC base 6rows [E-1906], PC base 4rows [E-1907], PC base 3rows [E-1908], PC base 6rows [E-1909], Connection Bridge XL-6 [E-1910], Connection Bridge XL-4 [E-1911], Stainless Steel Springs 30mm [E-1912], Stainless Steel Springs 80mm [E-1913], Wire to Rod connector [E-1914], Knipex Rod cutter [E-1915], Power Monitor [E-0906]



Article- Nr.: E-21

Shock- Stick

10 sticks

299.88 € per unit

incl. 19 % VAT. plus delivery

Ex- stock

Article types:

25 sticks	687.82 €
10 sticks	299.88 €

Article Description

The Electric System Shock-Stick is a simple, but effective low- voltage electric bird control system. The bird receives an effective electric shock while sitting on the stick, which works like the fence principle. A violation of the birds is excluded.

The areas will be protected sustained from birds.

The rods have the following dimensions: 3 cm x 121 cm

The sticks can be interconnected, thus you can work with one power supply for a whole tree ore even more trees.

Different sets:

- Set 10 sticks
- Set 25 sticks

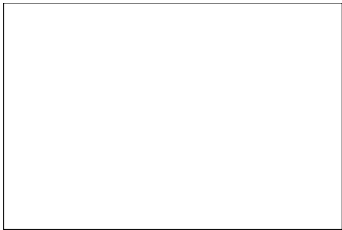
Power supply is not included in the set!

Fields of application:

- trees
- hedges
- vineyards
- fruit trees

Accessories

Special Adhesive [S-1101], Power Supply, 2-wire [E-0801], Digital System Tester [E-10], Warning Sign [E-1101], Rain Guard [E-12], Lightning Switch [E-13], Lightning Choke [E-14], Wire connectors, 100 pieces [N-2405], Power Monitor [E-0906]



Article- Nr.: E-0701

Avishock Electrical System

Complete set, 15 m, black

807.18 € per unit

incl. 19 % VAT. plus delivery

Ex- stock

Article types:

Complete set, 15 m, stone colour	807.18 €
Complete set, 15 m, brick red	807.18 €
Complete set, 15 m, black	807.18 €

Article Description

This electrical system is very flat and discreet. The power lines are integrated into flexible and UV- resistant PVC.

Quick installation as it can be bonded to the substrate without holders. The bands are connected with plastic connectors. Changes of direction can be made with corner connectors.

A complete set (sufficient for 15 running meters) comprises of:

- 15 m PVC band
- 25 connectors (see photo 2)
- 25 corner connectors
- 30 jumpers
- 10 ring cable lugs
- 50 flat push- on contacts
- 1 control device, small 1 – 150 m (see photo 3)
- 15 m high voltage cable
- 2 one- component joint filler, transparent

For distances of more than 150m you can obtain the control device, a (150 – 300 m) large system, for a surcharge of €65.00. Please contact us for consultation.

Practical Applications:

The system in practise: [REFERENCES](#)

Accessories

Special Adhesive [S-1101], Power Supply, 2-wire [E-0801], Digital System Tester [E-10], Warning Sign [E-1101], Rain Guard [E-12], Lightning Switch [E-13], Lightning Choke [E-14], Power Monitor [E-0906]

Swallow control

Swallows are cute, but what they leave on house walls is less cute.

These birds are subject to strict animal protection regulations. Included in this is that nesting birds have to be tolerated as a rule.



Article- Nr.: S-06

Swallow Spikes

3- rows

from 11.25 € per meter

incl. 19 % VAT. plus delivery

Ex- stock

Prices:	
1m - 19m	16.87 €
20m - 49m	14.05 €
from 50m	11.25 €

Article Description

Module Length: 1,000 mm

Tips: 110 mm long, 1.5 mm spring wire gauge

- Covering width: up to 150 mm max.
- Tape length: 1,000 mm
- Spike diameter: 1.5 mm
- Spike length: 110 mm
- Tape width: 18 mm
- Tape thickness: 0,8 mm
- Material: stainless steel 1.4301

Practical Applications:

The system in practise: [REFERENCES](#)

Accessories

Gutter Clips, 100 pieces [S-09], Special Adhesive [S-1101], Bitumen adhesive tape [S-17]



Article- Nr.: C-0603

Droppings Board for swallow control

for a house martin's nest

14.64 € per piece

incl. 19 % VAT. plus delivery

Ex- stock

Article types:

Aluminium for swallows	18.98 €
For facade nests	41.89 €
for a house martin's nest	14.64 €

Article Description

The droppings board for swallows is either bonded or drilled ca. 0.5 m beneath the swallows' nests.

Two types are available:

- Aluminium droppings board. It comprises of aluminium angles (dimensions: height 170 mm x length 500 mm x depth 200 mm). Assembly is quick and easy. It is also easy to clean.
- Droppings board for facade nests made of timber cement, weight: 7.5kg
- Droppings board for facade nests made of wood, weight: 2.9kg .

The droppings boards are not to be installed too close underneath the swallows' nests, as they may disturb the birds.



Article- Nr.: N-0101

Antec netting for adhesive technology 18 x 18 mm mesh

1 unit = 3 m x 10 m

105.67 € per unit

incl. 19 % VAT. plus delivery

Delivery in 5-7 working days

Article types:

1 unit = 6m x 50m	788.97 €
1 unit = 3 m x 10 m	105.67 €

Article Description

- Ultra- light plastic netting for bonding to all substrates (except wood).
- Adhesive holders are bonded to pre- cleaned and primed points with a two- component special adhesive.
- After curing the netting can be hung directly in the holders. They are secured further with cable binders.
- The fixing is weather and temperature dependent. The special adhesive requires a working temperature of at least 5°C.
- Only ultra- light netting, weighing 12g/ m2 (18 mm x 18 mm mesh), can be used for this method. The netting complies with Incendiary Material Class B1.
- The netting is hung taught and can be easily removed for maintenance purposes.
- The netting is suitable for medium to high populations.

Installationvideo

Um diesen Film anzuzeigen muss Javascript aktiviert
und der **Flash Player** installiert sein.

Practical Applications:

The system in practise: [REFERENCES](#)

Accessories

Special Adhesive [S-1101], Plastic holders for fixing netting [N-1201], Ring clips [N-1401], Ring clip pincers [N-15], Zip for netting [N-1601], Netting clips [N-1701], Netting scissors [N-2601], Netting funnel [N-43]



Article- Nr.: D-05

Stainless Steel Pins for swallow control

8.27 € per pin

incl. 19 % VAT. plus delivery

Delivery in 5-7 working days

Order a sample!

Article Description

- Tension wire system for controlling swallows.
- The pin is screwed at a downward angle from the roof eaves to the wall.
- Stainless steel wire is threaded through the 5 boreholes. The wire is tensioned through the stainless steel pins with the help of springs and clamps.
- The stainless steel pins should be fixed at intervals of maximum 1.0 - 1.5 m.
- In order to avoid the swallows flying in at the sides, stainless steel wires should be fed from the stainless steel pin upwards to the eaves, fixed with wood screws to stainless steel eye bolts and tensioned with springs.
- Swallow control- stainless steel pin: 35 mm stainless steel wood screw 1.4301, 210 mm length, 4 mm diameter, with 5 holes for stainless steel wire.

Practical Applications:

The system in practise: [REFERENCES](#)

Accessories

Stainless Steel Wire, 0.54 mm [D-0601], Tension Spring, stainless steel, 100 pcs. [D-07], Eye Screw, 100 pieces [D-0803], Wire connectors, 100 pieces [N-2405]

Article- Nr.: E-01



TONI IS P2 Electrical System

Complete set, unit: 30 m

349.86 € per unit

incl. 19 % VAT. plus delivery

Ex- stock

Order a sample!

Article Description

The TONI ES P2 Electrical System is a simple, but effective, electrical bird control system. The bird gets an effective electric shock on landing and is repelled. The system works on the meadow fence principle. It does not injure birds.

The system comprises of two parallel metal rods assembled on UV- resistant plastic holders. The plastic holders can be bonded, screwed or riveted.

The areas protected are then always avoided by pigeon populations.

A complete set (sufficient for 30 running metres) comprises of:

- | | | |
|---|----------------------|---------------|
| • Stainless steel rods, 2 mm Ø, 1.50 m long | 40 pieces | |
| • Plastic holders, UV- resistant | | 90 pieces |
| • Connecting spring, stainless steel | | 2 units @ 100 |
| pieces | | |
| • Connecting sleeve 3 x 30, stainless steel or copper | 2 units @ 100 pieces | |
| • Sleeves for wiring 5 x 7, stainless steel or copper | 2 units @ 100 pieces | |

Current calibrator, high voltage cabling and other wiring is not included in a set.

Practical Applications:

The system in practise: [REFERENCES](#)

Accessories

Special Adhesive [S-1101], V2A Rod TONI ES P2 [E-01-01], TONI ES P2 Plastic Holder [E-01-02], Connecting Spring TONI ES P2 [E-01-03], Connecting Sleeve TONI ES P2 [E-01-0402], Ferrule for Wiring TONI ES P2 [E-01-05], Shrink Tubing TONI ES P2 [E-01-06], Power Supply, 2-wire [E-0801], Digital System Tester [E-10], Warning Sign [E-1101], Rain Guard [E-12], Lightning Switch [E-13], Lightning Choke [E-14], Power Monitor [E-0906]



Article- Nr.: V-0601

Swallow Nest

house martin's nest

37.60 € per piece

incl. 19 % VAT. plus delivery

Ex- stock

Article types:

Facade nest	98.77 €
Barn swallow's nest	21.42 €
house martin's nest	37.60 €

Article Description

House Martin's Nest

As the house martin is a very social animal double nests find better acceptance. The nest should be installed on the outside wall under the eaves at a height of at least two metres.

Material: breeding cup of wood concrete and angled formaldehyde- free chipboard.

Dimensions: height: 11 cm, length: 46 cm, depth: 14 cm

Weight: ca. 2.7 kg

Facade Nest:

Also especially for house martins. It should also be fixed at a height of at least two metres.

Material: wood concrete

Dimensions: height 17.5 x width 43.0 x depth 17.5 cm

Weight: ca. 6.25 kg

Barn Swallow's Nest:

Although the barn swallow is also a social animal the nests should be hung individually and at least one metre from each other.

Material: breeding cup of wood concrete and formaldehyde- free chipboard.

Dimensions: height: 11 cm, length: 25 cm, depth: 14 cm

Weight: ca. 2.7 kg

Decoys

Predator decoys imitate natural enemies and thus increase hostile pressure in the affected area.

Predator decoys are available as “passive” decoys to hang or position and “active” decoys, flying robots and bird decoys with controllable movements.

Decoys and robot birds are suitable for low to medium populations.



Article- Nr.: A-04

Raven Decoy

23.74 € per piece

incl. 19 % VAT. plus delivery

Ex- stock

Article Description

The carrion crow is often used for repelling birds. It can be hung using a rear flap or used free- standing. Experience shows that hanging is the most effective control method.

However, habituation by pigeons cannot be excluded.

Dimensions: 40 cm x 16 cm.



Article- Nr.: A-06

Kestrel Decoy, flying

58.91 € per piece

incl. 19 % VAT. plus delivery

Ex- stock

Article Description

The kestrel decoy is often used for repelling birds. It can be hung using a rear flap. Experience shows that this increases the effectiveness, as the decoy moves in the wind.

However, habituation by pigeons cannot be excluded

Dimensions: 36 cm x 56 cm.



Article- Nr.: A-07

Tawny Owl Decoy, lifelike

76.16 € per piece

incl. 19 % VAT. plus delivery

Ex- stock

Article Description

Lifelike tawny owl with moving wings

A natural bird deterrent

Can also be used for decoration

Dimensions: 24 cm x 12 cm



Article- Nr.: A-0301

Eagle Owl Decoy

Non- Automatic Version

141.61 € per piece

incl. 19 % VAT. plus delivery

Ex- stock

Article types:

Eagle owl with automated movements	590.04 €
Non- Automatic Version	141.61 €

Article Description

The eagle owl is the most feared predator for most birds. We offer two versions of the eagle owl decoy:

Product A-0301: Eagle- owl with wings which can be freely moved

This decoy is lifelike. Dimensions are 56cm x 30cm

Product A-0302: Eagle owl with automated movements

Life- sized synthetic owl with rotating wings. Electronics incorporated in the body, works using a 12V/4Ah Battery. Remote control with a reach of about 30m.

Possible to switch the wings on and off from the camouflaged hide. Automatic operation also possible, the owl moves for 20 seconds every 4 minutes.

Product includes metal stake, 12V Battery, battery charger, Remote control and sturdy nylon transport bag. The battery has to be recharged at least every 6 months.

Product A-0304: Shocking Yellow Eagle owl

Life- sized yellow eagle owl, painted yellow and with an additional eye, placed on its chest for an even more impressive dispersal effect. The decoy may be hung or seated. Weight: 400g.

Habituation is always possible - just like with all decoys.



Article- Nr.: A-31

Wind Action Owl Decoy

66.40 € per piece

incl. 19 % VAT. plus delivery

Ex- stock

Article Description

Wind action owl decoy with moving head.

A natural bird deterrent.

Can also be used for decoration.

Height: 41cm



Article- Nr.: A-09

Woodpecker Decoy

from 105.91 € per piece

incl. 19 % VAT. plus delivery

Ex- stock

Prices:	
1-5 pcs.	117.81 €
Basic price: 117.81 € pro pcs	
6-9 pcs.	111.86 €
Basic price: 111.86 € pro pcs	
10 pieces and more	105.91 €
Basic price: 105.91 € pro pcs	

Article Description

- Dimensions: 225 mm x 490 mm.
- Material: 1.5 mm aluminium sheet.
- Excellent proven protection against damage caused by woodpeckers. The perfect resemblance to live woodpeckers gives the impression of occupied territory – thus, real woodpeckers are kept away. For the best effect, the woodpecker decoy must be fastened on the building as high as possible.
- Should the woodpecker approach the building at different sides, the decoy can be installed directly at the building's corner, making it visible for the birds from two sides. As soon as the woodpeckers can notice the decoy, it will deter them.
- Double- sided, true to the original in black, yellow and red silk screen printing and then finally coated with high quality, transparent and UV resistant clear lacquer.
- Includes a two- hole mounting bracket and rust- free screws 6.5 x 50 mm



Article- Nr.: A-10

Harris Hawk Decoy

371.88 € per piece

incl. 19 % VAT. plus delivery

Delivery in 5-7 working days

Article Description

The Harris Hawk is a dangerous hunter; our lifelike decoy uses this reputation on birds. The decoy is hung on several threads so that the wings can move evenly in the wind. This clearly increases the threatening effect.

The decoy comprises of many elaborate hand- made parts; these ensure the high quality of our product.

Dimensions: wingspan 110 cm, body length: 77 cm.



Article- Nr.: A-08

Magpie Decoy

23.74 € per piece

incl. 19 % VAT. plus delivery

Ex- stock

Article Description

Magpie decoys are used to drive sparrows, starlings and blackbirds out of vegetable gardens.

Dimensions: 40 cm x 8 cm



Article- Nr.: A-21

Hawkkite

including 7m carbon fibre pole

168.39 € per pcs.

incl. 19 % VAT. plus delivery

Ex- stock

Article Description

- Highly detailed & realistic hawk mimic kite.
- Flies at twice the height of the pole.
- Exploits bird pests instinctive fear of hawks and is very effective & silent.
- No Running Costs.
- **Size of the decoy:** Width 140cm x Height 69cm

Specifications of the Pole:

SPECIFICATIONS	7 Metre Carbon- Fibre- Pole
max. Height:	12 Metres
Base diameter:	30mm
Collapses down to:	114cm x 3cm x 4cm
Weight:	1.5 Kg
CONSTRUCTION	Carbon Fibre Telescopic Pole
DEPLOYMENT	Sections slide into each other (Must only be used with support stake)

Effective for:

Pigeons, Ravens, Rooks, Gulls, Starlings, Geese, Blackbirds, Herons, Cormorants, Mice

Protects:

Urban Areas, Buildings, Patios, Roofs, Eating Areas, Orchards, Vegetables, Farmyards, Lawns, Car Parks, Gardens, Landfill sites, Vineyards

Contents of Kit:

- Hawk Kite
- 7 Metre Telescopic Fibreglass Pole
- Support Post
- Flying Line



Article- Nr.: A-11

Robop

5712.00 € per piece

incl. 19 % VAT. plus delivery

Delivery in 5-7 working days

Article Description

- Robop is a falcon decoy with movement mechanisms which perfectly imitate a peregrine falcon. The decoy moves its head, wings and the whole body at irregular intervals – controlled by an integrated microprocessor. An additional repelling effect is achieved with typical falcon cries of 85 dB. Robop is only active during the day due to a light sensor.
- The decoy is positioned as high as possible above the problem area. It should be positioned as visible as possible. To reduce the habituation effect Robop must be repositioned ca. every two weeks.
- Dimensions:
 - Length: 560 mm
 - Height: 370 mm
 - Width: 190 mm
 - Maximum wing span: 500 mm
- Included in the delivery:
 - Robop- Roboter including internal, rechargeable NiMH battery
 - Connection cable and charger for external power supply

Accessories

Fixed Mounting Base for Robop [A-12], Rotating Arm Base for Robop [A-13]



Article- Nr.: A-1801

Copper Decoys

Great Spotted Woodpecker

305.59 € per piece

incl. 19 % VAT. plus delivery

Delivery in 5-7 working days

Article types:

Kestrel	910.35 €
Eagle	1593.65 €
Long- Eared Owl	1260.92 €
Owl	489.80 €
Minerva Owl	559.78 €
Great Spotted Woodpecker	305.59 €

Article Description

The lifelike copper decoys are produced by art smiths and copper smiths. They are for bird control and can also be used for wall and hous decoration.

Folgende Kupfer- Vogelattrappen sind erhältlich:

Great Spotted Woodbecker:

- High 200mm
- lifelike
- **please inform us of the diameter of the down- pipe**

Kestrel:

- High 330mm
- lifelike
- the figure is screwed to the roof

Eagle:

- High 550mm
- lifelike
- the figure is screwed to the roof

Long- Eared Owl

- High 520mm
- lifelike
- the figure is screwed to the roof

Owl:

- High 200mm
- lifelike
- the figure is screwed to the roof

Minerva Owl:

- High 170mm
- lifelike
- the figure can be fastened with few handles to the gutter



Article- Nr.: A-3401

Birddrone

Birddrone Eagle

4576.92 € per piece

incl. 19 % VAT. plus delivery

Delivery in 5-7 working days

Article types:

Birddrone red	4576.92 €
Birddrone Eagle	4576.92 €

Article Description

- The Birddrone is a flying bird of prey decoy, which is operated with a remote control.
- In addition, the dummy is an acoustic device that can be submitted with predator calls. The control is done via the remote control.
- The flight time per charge is approximately 15 minutes.
- Weight: 5kg
- Wingspan: 1.20 m
- The package includes:
 - Birddrone
 - remote control
 - rechargeable batteries
 - Charger for batteries

Um diesen Film anzuzeigen muss Javascript aktiviert
und der **Flash Player** installiert sein.

Accessories

Fixed Mounting Base for Robop [A-12], Rotating Arm Base for Robop [A-13]



Article- Nr.: A-17

Scarey Man

Scarey Man Multi- Use Version

922.40 € per piece

incl. 19 % VAT. plus delivery

Ex- stock

Article types:

Scarey Man Version Day	881.49 €
Scarey Man Multi- Use Version	922.40 €

Article Description

- The scarecrow Scarey- Man is an automatic bird deterrent, which has been developed especially for the use in agriculture, airports and landfill sites.
- The scarecrow is useful against pigeons, crows, starlings, seagulls and even against deer. It covers an area of 1-4 hectar.
- The "straw man" consists of a 1.8m high and weather- proof puppet, a plastic base with an air pump, a sirene and a lamp. The scarecrow is automatically pumped regularly (standard is every 18 min), while emitting scaring sounds and flash lights (only with multi- use version).
- **There are two different versions:**
 - Day Version (works only during day, turns on with sunrise and off with sunset)
 - Multi- Use Version (working time can be adjusted, either only during day, only during night or 24 hours)
- Except battery exchange, no maintenance is necessary.
- Scope of delivery: Scarey- Man incl. Sirene, lamp (only with multi- use version) and control unit. The battery is not included.

Accessories

Timer for Scarey Man [A-1703], Replacement cover for Scarey Man [A-1704],
Battery charger for Scarey Man [A-1705]



Article- Nr.: O-08

Scarecrow turbine

46.86 € per Stück

incl. 19 % VAT. plus delivery

Delivery in 5-7 working days

Article Description

This scarecrow combines the deterrent effect of a raptor and the reflection of light. The printed in the warning colors of nature turbine panels solve even with little wind out of an innate instinct to flee.

Even if the windless turbine does not rotate, producing printed eyes a deterrent.

By turns both eyes constantly change their viewing direction. The eyes are always on the move and irritate and frighten the birds already in the approach.

This article is completely noise- free and is suitable for use in areas near the settlement.

It is recommended to set up the scarecrow turbine in a color mix with a distance of 150 meters in the field.

The turbine (red) consists of Spinnaker and fiberglass.

Dimensions: 142cm high / 42cm diameter

Fields of application:

Orchards, fish and poultry farming, gardening, airports

Effective against:

Pigeons, starlings, crows, herons, gulls, geese, blackbirds, deer

Article- Nr.: O-13

Crop Gard

170.47 € per Stück

incl. 19 % VAT. plus delivery

Delivery in 5-7 working days



Article Description

This scarecrow combines the deterrent effect of motion and the reflection of light. The printed in the warning colors of nature slices solve even with little wind out of an innate instinct to flee.

Even if the turbine doesn't rotate, creating the colors and reflection bands as a deterrent.

The rotatable mounting the disks in light air in motion and irritate and frighten the birds already in the approach.

This article is completely noise-free and is suitable for use in areas near the settlement.

For larger areas we recommend several Crop Gards with a distance of about 100-150 m to set up.

Dimensions: 140cm high / 60cm diameter

Weight: 6 kg

Fields of application:

Orchards, fish and poultry farming, gardening, airports

Effective against:

Pigeons, starlings, crows, herons, gulls, geese, blackbirds, deer

Guttering

Especially small birds like to breed under rain gutters or even enter the roof under the first tile. We offer good preventive solutions for this problem, which every roof repair measure should also cover.



Article- Nr.: C-2202

Bird Screen, PVC, profile role

80 mm wide, brick- red, unit = 60 m

118.52 € per unit

incl. 19 % VAT. plus delivery

Ex- stock

Article types:

50 mm wide, brick- red, unit = 2 x 60 m	197.06 €
50 mm wide, brown, unit = 2 x 60 m	197.06 €
100 mm wide, brick- red, unit = 60 m	138.52 €
80 mm wide, brown, unit = 60 m	118.52 €
100 mm wide, brown, unit = 60 m	138.52 €
50 mm wide, anthracite, unit = 2 x 60 m	197.06 €
80 mm wide, anthracite, unit = 60 m	118.52 €
100 mm wide, anthracite, unit = 60 m	138.52 €
80 mm wide, brick- red, unit = 60 m	118.52 €

Article Description

For the ventilation of eaves and facades according to DIN 4108

- Extremely weather- resistant, UV- stabilised plastic
- Light, economic and easy to install



Article- Nr.: C-2301

Bird Grid natural aluminium, profile role

50 mm wide, unit = 60 m

124.24 € per unit

incl. 19 % VAT. plus delivery

Ex- stock

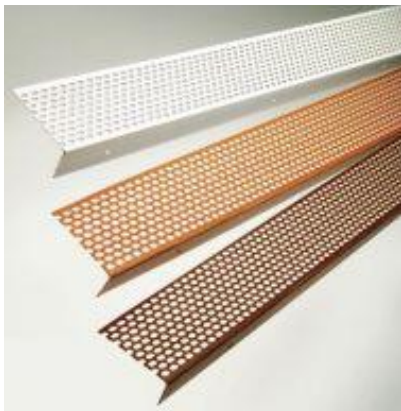
Article types:

80 mm wide, unit = 60 m	185.64 €
100 mm wide, unit = 60 m	218.48 €
50 mm wide, unit = 60 m	124.24 €

Article Description

For the ventilation of eaves and facades according to DIN 4108

- Supplied in strips, thus easy and fast installation
- Wave forming is avoided



Article- Nr.: C-2403

Ventilation Profile PVC, 2.5 m

30 x 90 mm, Brick- red, unit = 25 m

44.63 € per unit

incl. 19 % VAT. plus delivery

Ex- stock

Article types:

30 x 50 mm, brick- red, unit = 50 m	58.31 €
30 x 70 mm, brick- red, unit = 25 m	35.70 €
30 x 50 mm, brown, unit = 50 m	94.96 €
30 x 70 mm, brown, unit = 25 m	35.70 €
30 x 90 mm, brown, unit = 25 m	44.63 €
30 x 50 mm, anthracite, unit = 50 m	58.31 €
30 x 70 mm, anthracite, unit = 25 m	35.70 €
30 x 90 mm, anthracite, unit = 25 m	44.63 €
30 x 90 mm, Brick- red, unit = 25 m	44.63 €

Article Description

Ventilation profiles are important components for roof ventilation.

- Protection against birds and small animals on the eaves and curtain facades
- Available in brick- red, brown and anthracite.
- Perforated on both sides.

Packaging Units:

- 30 x 50 mm = 50 metres
- 30 x 70 mm = 25 metres
- 30 x 90 mm = 25 metres



Article- Nr.: C-2501

Ventilation Profile Natural aluminium, 2.5 m

30 x 50 mm, Unit = 50 m

176.12 € per unit

incl. 19 % VAT. plus delivery

Ex- stock

Article types:

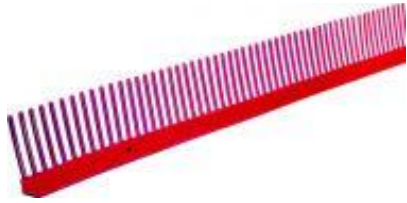
30 x 70 mm, unit = 50 m	211.82 €
30 x 90 mm, unit = 50 m	255.85 €
30 x 50 mm, Unit = 50 m	176.12 €

Article Description

Ventilation profiles are important components for roof ventilation.

- Protection against birds and small animals on the eaves and curtain facades
- Available in brick- red, brown and anthracite.
- Perforated on both sides.

1 unit = 50 metres



Article- Nr.: C-2701

Eaves Ventilation Comb

65mmx100cm, brown, unit=150 pcs

139.23 € per unit

incl. 19 % VAT. plus delivery

Ex- stock

Article types:

65mm x 100cm, anthrazit, VE=150 Stk.	139.23 €
65mmx100cm, anthracite, unit=150 pcs	139.23 €
65mmx100cm, brown, unit=150 pcs	139.23 €

Article Description

The ventilation comb prevents birds landing on the eaves. It is universally applicable.

Colours available:

- Brown
- Brick- red
- Anthracite

1 unit = 150 pieces



Article- Nr.: C-3501

Eaves Element with Comb

100cm, brown, unit = 50 pcs.

171.36 € per unit

incl. 19 % VAT. plus delivery

Ex- stock

Article types:

100cm, brick- red, unit = 50 pcs.	171.36 €
100cm, anthracite, unit = 50 pcs.	171.36 €
100cm, brown, unit = 50 pcs.	171.36 €

Article Description

The eaves element with comb prevents birds landing on the eaves. It is universally applicable.

Colours available:

- brown
- brick- red
- anthracite

1 unit = 50 pieces



Article- Nr.: C-2601

Darifix

Brown, unit = 30 m

189.21 € per unit

incl. 19 % VAT. plus delivery

Ex- stock

Article types:

Grey, unit = 30 m	189.21 €
Brown, unit = 30 m	189.21 €

Article Description

Darifix prevents birds from nesting in the guttering. At the same time it protects the downpipe from clogging with leaves and foliage.

1 piece= 17,5cm x 100cm

Holders are included



Article- Nr.: C-2801

Jackdaw Screen

200 x 200 mm, screw- on

98.29 € per piece

incl. 19 % VAT. plus delivery

Delivery in 5-7 working days

Article types:

250 x 250 mm, screw- on	105.67 €
300 x 300 mm, screw- on	114.72 €
350 x 350 mm, screw- on	125.19 €
400 x 400 mm, screw- on	137.09 €
200 x 200 mm, removable	154.22 €
250 x 250 mm, removable	161.60 €
300 x 300 mm, removable	170.65 €
350 x 350 mm, removable	180.88 €
400 x 400 mm, removable	192.78 €
200 x 200 mm, screw- on	98.29 €

Article Description

The jackdaw screen prevents jackdaws from nesting in the chimney.

These places are very popular with hole- nesters, as they are sheltered and narrow.

The screw- on version is simply assembled on the rim of the chimney and with the removable version only the snap fasteners are attached to the chimney edge.

The jackdaw screen is made of Grade 1.4301 stainless steel.

Both versions are available in the following dimensions:

- 200 x 200 mm
- 250 x 250 mm
- 300 x 300 mm
- 350 x 350 mm
- 400 x 400 mm

Jackdaw screens are supplied with the necessary assembly material.

Acoustic solutions

Birds respond to acoustic stimuli. This is exploited in various bird control systems:

- acoustic pressure systems use ultrasonic, which is perceived by birds, as carrier waves
- predator call systems imitate the cries of natural enemies. Warning calls are also played. With a reduced volume the systems can also be installed on property.



Article- Nr.: K-0501

Raptor - Devices

R 28

517.65 € per unit

incl. 19 % VAT. plus delivery

Ex- stock

Article types:

R31	630.11 €
R35v2	869.30 €
R42	767.55 €
R35solar	1499.40 €
R 28	517.65 €

Article Description

The principle of this acoustic system is to repel birds away from the areas to be protected by imitating their natural enemies.

It functions by playing six different sounds for 10 seconds in random order.

A frequency range of 300 to 4000 Hz is achieved. This is optimised specifically for the range of audibility of birds and mammals. Up to 120 db is measured at a distance of one metre from the speaker in the direction of the speaker.

The raptor system is specifically designed to repel birds or wild animals away from agricultural or industrial areas.

Advantages:

- High effectiveness
- Easy installation
- Easy to use
- Flexibility
- Reliability

Raptor R28 and R31

The **R 31** is perfect for smaller areas. It's also characterised by a good directionality, which means that the volume in the direction of the speaker is very loud, however the volume is much quieter from the sides and rear of the speaker. This allows specific areas to be targeted and prevents the sound from travelling into surrounding areas.

The **R 31** can be easily combined with noise protection barriers.

Also with reduced functionality as a cost-effective entry-level model **R 28** available (no random interval, 6 sounds)

Settings

The interval between the individual sounds (between 1 and 30 minutes) can be easily changed. Also, the volume can be adjusted if necessary.

Power source

The devices are powered by rechargeable 12- volt batteries (e.g., a car battery with at least 36 Ah). The battery is not included in the delivery.

HP- Filter

The devices have "High- Pass Filters". If necessary, this can be used to reduce the sound burden by filtering out deep, wide- reaching frequencies.

Night- and- day regulation

At sunset, the device automatically shuts off. The start time is adjustable: Sunrise at 6:15, 7:00 or 7:45 a.m.

Sound- chip:

- **R31:** this chip uses exclusively natural bird- sounds, therefore its optimal near residential areas. (scrub- jay call, owl call, falcon call, osprey call, hawk call 1, crow warning call, starling warning call 2, tawny- owl call)
- **R28:** 6 sounds (scrub jay, buzzard, 3 x different hawks, starling)

Raptor R35v2 and R35solar

The R35 designed for large areas. The device covers a broad area with both loudspeakers. This model is only conditionally applicable near residential areas. To achieve directionality similar to that of the R31 or R42, the speakers can be installed parallel to each other (or set at a desired angle).

Settings

The interval between the individual sounds (between 1 and 30 minutes) can be easily changed. Also, the volume can be adjusted if necessary.

Power source

The devices are powered by rechargeable 12- volt batteries (e.g., a car battery with at least 36 Ah). The battery is not included in the delivery.

HP- Filter

The devices have "High- Pass Filters". If necessary, this can be used to reduce the sound burden by filtering out deep, wide- reaching frequencies.

Night- and- day regulation

At sunset, the device automatically shuts off. The start time is adjustable: Sunrise at 6:15, 7:00 or 7:45 a.m.

Sound chip:

the R35 is equipped with a double- soundchip DSC 8B-8A, select by switch the suitable soundchip 8A or 8B

Raptor R 42

Thanks to the high- power amplifier, the RAPTOR R42 has a very wide acoustic range (similar to the R35). This model also has excellent directionality, and allows for easy targeting of specific areas. Therefore, the R42 can be used at a lower volume near residential areas. The R42 can be easily combined with noise protection barriers.

Settings

The interval between the individual sounds (between 1 and 30 minutes) can be easily changed. Also, the volume can be adjusted if necessary.

Power source

The devices are powered by rechargeable 12- volt batteries (e.g., a car battery with at least 36 Ah). The battery is not included in the delivery.

HP- Filter

The devices have "High- Pass Filters". If necessary, this can be used to reduce the sound burden by filtering out deep, wide- reaching frequencies.

Night- and- day regulation

At sunset, the device automatically shuts off. The start time is adjustable: Sunrise at 6:15, 7:00 or 7:45 a.m.

Sound chip: 8B

The sounds are primarily optimised for bird control but are also suitable for repelling wild animals. Intended for use far from residential areas. (Hawk call 1, Dog barking, Starling warning call, Falcon call, Firing sounds, Propeller aircraft, Hawk call 2, Buzzard call)

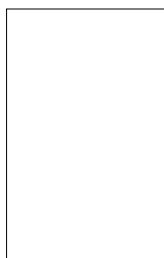
The following models are available on request. Please inquire [HERE](#).

Raptor R 56 remote

The RAPTOR remote offers operator- activated acoustic bird control that is perfectly adjusted for each individual situation. Through needs- oriented activation of sound, the effectiveness is dramatically increased and noise control is also improved since the device is activated much less frequently.

Additionally, automatic operation modes are also available to use if the operator is not present.

The RAPTOR R56 remote has a very large acoustic range due to the high power amplifier and two large horn speakers. These can be installed any angle. The design is very robust, with a sealed aluminium casing for the electronic components.



Automatic operation

The R56 remote offers two automatic modes, in addition to the user- activated function:

"Slow automatic": Automatic operation from morning to evening (Four starting times)

"Fast Automatic": Automatic operation initiated by remote signal

Settings

The interval between the individual sounds (between 1 and 30 minutes) can be easily changed. Also, the volume can be adjusted if necessary.

Power source

The devices are powered by rechargeable 12- volt batteries (e.g., a car battery with at least 36 Ah). The battery is not included in the delivery.

HP- Filter

The devices have "High- Pass Filters". If necessary, this can be used to reduce the sound burden by filtering out deep, wide- reaching frequencies.

Night- and- day regulation

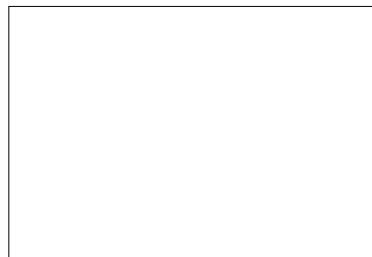
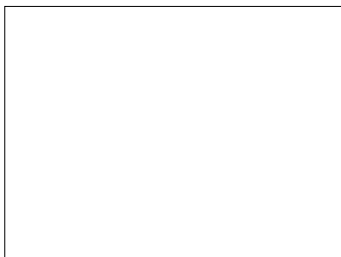
At sunset, the device automatically shuts off. The start time is adjustable: Sunrise at 6:15, 7:00 or 7:45 a.m.

Sound chip: 8B

The sounds are primarily optimised for bird control but are also suitable for repelling wild animals. Intended for use far from residential areas. (Hawk call 1, Dog barking, Starling warning call, Falcon call, Firing sounds, Propeller aircraft, Hawk call 2, Buzzard call)

Raptor R 56 solar

The R56 is an extremely powerful device with a high power amplifier and two large horn speakers. The loudspeakers can be set at any desired angle. The construction is very robust with sealed aluminium casing for the electronic components. Due to the volume level, this model should not be used near residential areas. The high power of the device naturally indicates higher energy consumption, and the automatically operated R56 is therefore equipped with 6W or 20W solar power capability. This charges the 12V battery and significantly reduces the recharging burden. The R56 can also be delivered in various configurations. Please enquire about this possibility.



Settings

The interval between the individual sounds (between 1 and 30 minutes) can be easily changed. Also, the volume can be adjusted if necessary.

Power source

The devices are powered by rechargeable 12- volt batteries (e.g., a car battery with at least 36 Ah). The battery is not included in the delivery.

HP- Filter

The devices have "High- Pass Filters". If necessary, this can be used to reduce the sound burden by filtering out deep, wide- reaching frequencies.

Night- and- day regulation

At sunset, the device automatically shuts off. The start time is adjustable: Sunrise at 6:15, 7:00 or 7:45 a.m.

Sound chip: 8B

The sounds are primarily optimised for bird control but are also suitable for repelling wild animals. Intended for use far from residential areas. (Hawk call 1, Dog barking, Starling warning call, Falcon call, Firing sounds, Propeller aircraft, Hawk call 2, Buzzard call)



Article- Nr.: K-03

Bird Gard - Devices

Bird Gard PRO STANDARD

536.40 € per unit

incl. 19 % VAT. plus delivery

Ex- stock

Article types:

Bird Gard PRO PLUS	918.00 €
Bird Gard SUPER PRO	1520.99 €
Bird Gard SUPER PRO PA4	1107.01 €
Bird Gard SUPER PRO AMP	5783.40 €
Bird Gard PRO STANDARD	536.40 €

Article Description

Bird Gard acoustic bird control devices repel birds with predator calls, distress calls and other electronical sounds.

Integrated microchip store up to eight different calls, which can be alternated depending on possible habituation effects of the birds to be deterred. Switches at the devices allow to change the sequence of the calls, the pause length and the calls itself. The digital features guarantee a low power consumption and a consistent quality of the emitted calls.

The pause lengths can be set in four time spans between 17 seconds and 30 minutes. The devices can automatically be switched off and on depending on daylight with an integrated photocell.

The power and loudness of the devices must be adjusted to the residential area. The devices may only be operated with a minimum distance of 100m to the next residential area (regulation applies to Germany). All devices can be powered by an autobattery (not included). Alternatively an adapter is also available.

Effect against:

Bird Gard PRO Standard, Bird Gard Pro Plus and Bird Gard Super PRO are effective against gulls, starlings and pigeons.

Bird Gard Super PRO PA4 are effective against Grey Heron, Great Blue Heron, Great Horned Owl, Great Egret, Great Cormorant, Common Gull, Wild Turkey, Snowy Egret, Black- crowned Night Heron, Jackdaw, Carrion Crow, Canadian Geese and Rooks.

Depending on the area, which you would like to cover, the appropriate version of the Bird Gard devices is available:

Bird Gard Pro Standard

- Coverage up to 0.5 hectares
- Integrated speaker
- Frequency: 2.000 – 5.000 Hz

- Frequency: 2.000 – 5.000 Hz
- Connection to a further external speaker possible
- Installation on a stainless steel holder
- Powered by a 12 volt battery (not supplied)
- Dimension: 26 x 11.4 x 9.5 cm
- Weight: 439 gr.

Bird Gard Pro Plus

- Coverage up to 1.2 hectares
- Weather- proof plastic housing
- 2 amplifier stages
- Frequency: 2.000 – 5.000 Hz
- Connection to external speakers possible with sockets
- Installation on a stainless steel holder
- Powered by a 12 volt battery (not supplied)
- Dimension: 15.4 x 14.6 x 8.9 cm
- Weight: 540 gr.
- Scope of Delivery:
2 amplifiers, 2 speakers each with 30m cable

Bird Gard SUPER PRO

- Coverage up to 2.4 hectares
- Weather- proof plastic housing
- 4 amplifier stages
- Frequency: 2.000 – 5.000 Hz
- Plug- in memory chip
- Connection to further four external speakers possible with sockets
- Installation on a stainless steel holder
- Powered by a 12 volt battery (not supplied)
- Choice of settings, all speakers, only one, or the speakers alternating
- Dimension: 22.5 x 20 x 13 cm
- Weight: 1.5 kg.
- Scope of Delivery:
4 amplifiers, 4 speakers each with 30m cable, 3 metre battery cable

Bird Gard SUPER PRO PA4

- In contrast to the Bird Gard SUPER PRO, the SUPER PRO PA4 is more for the repelling of game and ravens.
- Coverage up to 0.5 hectares
- Weather- proof plastic housing
- Broadband amplifier
- Plug- in memory chip Sockets for connecting four external speakers at the amplifier
- 1 broadband speaker with 15 m cable
- Installation using a stainless steel holder
- Powered by a 12 volt battery (not supplied)
- Dimension: 22.5 x 20 x 13 cm
- Weight: 1.5 kg.
- Scope of Delivery:
1 broadband amplifier, 1 broadband speaker with 15m cable, 3 metre battery cable

Bird Gard SUPER PRO AMP

- This system is particularly suitable for airports.
- Coverage up to 16 hectares
- Weather- proof plastic housing. Working temperature: -20°C (-4° F) up to +40°C (104°F)
- 2 high performance amplifiers
- Tower with 20 speakers
- Plug- in memory chip
- Solar panel included
- Powered by a 12 volt battery (not supplied). Power requirement: 3A
- The system is maintenance free when operated with solar panel and battery
- Does not operate with AC adapter
- Measurements:
 - Loudspeaker box: 40 x 270 x 270mm
 - Control panel: 285 x 200 x 145mm
 - Solar panel: 640 x 540 x 50mm
- Weight:
 - Loudspeaker box: 5.0kg
 - Control panel: 1.5kg
 - Solar panel: 4.5kg
- Scope of Delivery:
 - 2 high performance amplifiers, 1 tower with 20 speakers, 3 metre battery cable, solar panel

Accessories

Extension Speakers [K-03-05], Extension Speakers [K-03-06], Power Supply [K-03-07],
Prolongation cable (50 meters) [K-03-08], Timer [K-03-09], Solarpanel [K-03-12]



Article- Nr.: K-01

PURIVOX - Devices

Triples V

940.79 € per set

incl. 19 % VAT. plus delivery

Ex- stock

Article types:

Karussel Triples V	862.80 €
Razzo Triples V	956.40 €
Triples V	940.79 €

Article Description

Bird scarer with 3-shot technique for bird and wildlife defense.

The 3- way shot is therefore the best method, because it is the best way to get the birds away. By the first shot the birds fly a little bit up, if now would come no further shot they would land again and start eating again. But as soon the birds have started to fly a little bit up, the second shot will be fired by the Purivox Carousel Triples V. Now the birds fly even higher and short after this the third and last shot will be fired to scare the birds finally away!

The **Purivox - Devices** are used in:

- Vineyards and orchards
- Fish breeding farms
- Industrial facilities
- Airports
- Agricultural
- Landfills

PURIVOX Triples V

A stationary sonic blast- shock cannon unit with a 3- way shot.

Due to its design, this device can be readily transported.

The unit comes with two 6 volt batteries, needed to operate the unit.

Gas bottle not included in the package.

The PURIVOX Triples V can be transported without any problems.

Noise emission: ca. 86db

Protected area: in the shooting direction ca. 1 – 2 hectares

Dimensions: 100 x 47 x 18,5 cm

Weight: 10 kg

PURIVOX Karussell Triplex V

A sonic- shock scarer with an automatic multi- directional 3- way shot.

The cannon and the electronics unit are mounted on a tripod at an effective standard height of 2m. Greater heights are available on request.

Each shot in the 3- shot sequence is fired in a different direction through the recoil action of the cannon which transverses on the tripod. Through multi- directional shot, each shot produces a different magnitude/ volume which supports shock effectiveness.

Even solitary animals, which are react more strongly to visual stimuli (movement) react to this device ´s cannon and movement.

The unit comes with two 6 volt batteries, needed to operate the unit.

Gas bottle not included in the package.

Noise emission: 90 or 96db

Protected area: in the shooting direction ca. 4 – 5 hectares

Dimensions: 130 x 220 x 130 cm

Weight: 13 kg

PURIVOX Razzo Triplex V

An effective visual animal repellent with an electronically controlled three- way shot.

The vertical cannon shoots a flutter or bird- of- prey dummy along a vertical antenna. Gravity then returns the dummy.

With simple shot cannons, individual birds such as blackbirds, thrushes and herons can only be scared away for short periods of time.

But because these birds will instinctively try to save themselves, they react more strongly to movement (cats, birds of prey etc.) rather than shots.

The combination of acoustic blast- shock and visual fright makes the PURIVOX Razzo Triplex V the most effective of all bird shock device.

The effective impact area is approximately 1ha.

The unit comes with two 6 volt batteries, needed to operate the unit.

Gas bottle not included in the package.

Noise emission: ca. 86db

Protected area: in the shooting direction ca. 4 – 5 hectares

Dimensions: 16 x 650 cm

Weight: 15 kg

Accessories

PURIVOX mirror pyramid for carousel Triplex V [K-01-04]



Article- Nr.: K-01-01

PURIVOX Karussel Triplex V

1040.39 € per set

incl. 19 % VAT. plus delivery

Ex- stock

Article Description

Automatic, electronic triple- shot bird scarer, whereby every shot fired is aimed in a different direction.

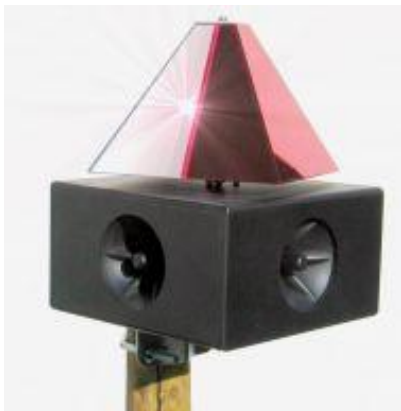
The clear height of the tri- pod mounted barrel and electrical unit is 2 metres.

Even animals that are more likely to respond to motion are repelled by the combination of crack and the rotating motion. Therefore, the Karussel is also used to repel geese.

Protected area: ca. 4 – 5 hectares.

Accessories

PURIVOX mirror pyramid for carousel Triplex V [K-01-04]



Article- Nr.: K-01-04

PURIVOX mirror pyramid with acoustic

571.20 € per pcs.

incl. 19 % VAT. plus delivery

Ex- stock

Article Description

Using the mirror pyramid, which is equipped with 4 speakers, the birds are getting deterred by the visual appeal of the reflection and the acoustic stimulus.

The Mirror pyramid is especially made for protect areas which are located near high voltage power lines and tall trees. The pest birds who are sitting on the power lines or trees are blinded by the sunlight through the Mirror pyramid and fly away.

With the two different colored sides the blinding- effect is additionally strengthened drastic.

The mirror is mounted with a pole to the engine. By an integrated light sensor the mirror pyramid may either work in day, night or day / night mode.



Article- Nr.: K-06

Acoustic Pressure System TF5

1187.62 € per piece

incl. 19 % VAT. plus delivery

Delivery in 5-7 working days

Article Description

A new acoustic pressure system for repelling birds, in particular pigeons, with acoustic signals. The installation instructions that come with the system enable non- technical people to install and operate the system without any difficulties.

The acoustic pressure system is based on ultrasonic signals that are emitted at various frequencies so that no habituation effect occurs. The signal is inaudible to humans and animals. There is no risk involved.

The ultrasonic signal is emitted from both transmitters at a frequency between 20 and 28 MHz, whereby the difference between the two superposed frequencies lies between 1 and 16 Hz.

A distance of 4 to 15 metres should be maintained. Large areas must be protected with an appropriate number of devices.

Technical Data:

- Housing: stainless steel pipe (1.4301) and grate on the front side, PVC rear cover. Stainless steel assembly bracket.
- Colour: natural colour: stainless steel pipe, grate and assembly bracket. PVC cover: black.
- Range: ca. 10 m
- Dimensions: diameter 114 mm, height 104 mm; weight 1.3 kg
- Power supply: 230 V/ 50 Hz- 3VA, 1 m power cable with plug
- Output: frequency: 20 – 28 kHz, SPL 92 dB
- The device is equipped with a swivel bracket, and is thus rotatable
- Temperature range: -10°C to +50°C ambient temperature; -10°C to +60°C storage temperature
- Max. relative humidity: 95% non- condensating
- Protected in accordance with IP 54

Included in scope of delivery:

- Assembly bracket
- 1 m power cord (plug)



Article- Nr.: K-1801

UltraSon

Classic

843.41 € per piece

incl. 19 % VAT. plus delivery

Ex- stock

Article types:

Solar	1310.64 €
Classic	843.41 €

Article Description

UltraSon is working with high acoustic hearable waves and ultrasound waves of 2 - 30 kHz. This frequency is entirely steered through, what produces a corresponding effect in the breadth. This high-sound- acoustic and hearable waves of over 105 dB combined with ultrasound produces a high grade sound effect.

- UltraSon must be placed in time before the fruits are ripening. With too late appointment of UltraSon, varmint mostly already have the taste of ripe grapes, cherries etc., so it is more difficult to chase them away.
- At first you have to decide, what kind of animals or birds have to be chased away. You can influence forest birds, forest animals and starlings in a different way. Each kind of animal demands a special action which our UltraSon executes.
- One loudspeaker box has an effect in the breadth of 100m. When you have larger surfaces you must use additional loudspeakers (K-1804).
- The loudspeaker box must be fixed about 2 metres above the vines or trees.
- The aim of UltraSon is to disturb the animals at their resting and sleeping place and to interrupt their flight route between resting place and feeding area.

Defense against wild boars, badger, deer, magpies, sparrows, crows and other animals living in the forest.

Installation:

Please install UltraSon loudspeakers alongside the crop. For every 100 meters length you will need one triple loudspeaker. You can extend the base no. K-1801 with maximum 2 piece triple loudspeaker no. K-1804.



Power supply:

To operate at full power UltraSon will need a car battery with 12 V and minimum 36 Ah which provides energy for about 40 days for the base only.

UltraSon has a day- night-automatic. It switches on in the morning and off in the evening. Operation just at night (for wild boars, deer, badger) is also possible with the night switch.

The frequency is adjustable.

There are two different versions:

• **Ultrason Classic (Currently not available!)**

-
- - Weatherproof case with built- in automatic control
 - 3 pieces of piezo high frequency emitter
 - Twilight sensor (turns off automatically in the evening and the morning)
 - Night mode controller
 - 2 - 30 kHz frequency controller
 - Interval and time interval control
 - Battery status indicator
 - 2 connectors for speaker K-1804 or K-1805
 - Battery Cable 3m
 - Power supply: Car battery (min. 36 Ah) or 12V/220V power supply (Article K-1807) (not included)

• **Ultrason solar**

-
- - See above (Ultrason Classic)
 - Additional features: **Integrated clock (DCF77 radio clock)**
 - several periods over the 24-day on and off
 - automatic time setting
 - Power supply: Car battery (min. 36 Ah) or 12V/220V power supply (Article K-1807) or solar tower (K-1803) (not included)
 - **Solar- Tower** for power supply is included
 - alternative power supply: Car battery (min. 36 Ah) or 12V/220V power supply (Article K-1807)

Ultrason is a german quality product and successfully for over 20 years in use!

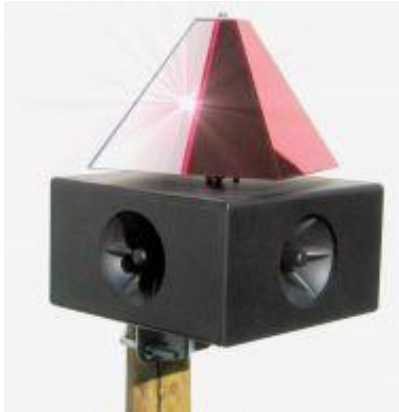
Accessories

Solarpanel [K-1803], Additional Speaker Box [K-1804], Additional Speaker [K-1805], Clamp set [K-1806], Power supply 220V / 12V [K-1807], Power supply 220V / 12V (Swiss socket) [K-1808], Power supply 12V [K-1809]

Visual solutions

Birds also perceive external stimuli, particularly visual. The latest research shows that the animals can see light with a wave length of 430 - 680nm. These are used in visual bird control devices.

- Stroboscure: transmits pulsing strobe explosions. Therefore, it is only approved for indoor use.
- Lasers systems are relatively new on the market and are mainly used in the professional sector (e.g. airports)



Article- Nr.: K-01-04

PURIVOX mirror pyramid with acoustic

571.20 € per pcs.

incl. 19 % VAT. plus delivery

Ex- stock

Article Description

Using the mirror pyramid, which is equipped with 4 speakers, the birds are getting deterred by the visual appeal of the reflection and the acoustic stimulus.

The Mirror pyramid is especially made for protect areas which are located near high voltage power lines and tall trees. The pest birds who are sitting on the power lines or trees are blinded by the sunlight through the Mirror pyramid and fly away.

With the two different colored sides the blinding- effect is additionally strengthened drastic.

The mirror is mounted with a pole to the engine. By an integrated light sensor the mirror pyramid may either work in day, night or day / night mode.



Article- Nr.: O-0101

Stroboscure Flash System

Stroboscure flash

827.05 € per piece

incl. 19 % VAT. plus delivery

Delivery in 5-7 working days

Article types:

Stroboscure LED	708.05 €
Stroboscure flash	827.05 €

Article Description

Birds respond to visual stimuli. This can be exploited with bright flashing lights. The Stroboscure devices emit the same amount of light as 15 million candles. The frequency can be set from 1 to 15 flashes per second. An LED version consumes less power for the same performance.

The devices are only allowed to be used indoors, as the flashes can disturb humans. Stroboscure devices are not to be pointed directly at people. The units must be installed in a way that they beam upwards. This is a sensible application for large warehouses where the birds breed in the roof structure.

Stroboscure System Data:

- **Light yield:** 1,500 watt (flash)
- **Voltage:** 220 V AC 16 A. Working voltage: 220 V, 60 Hz AC
- **Dimensions:** 45 mm x 250 mm 220 mm
- **Material:** Heat- resistant glass. Aluminium housing
- **Cooling:** air cooled
- **Weight:** 5 kg, including assembly bracket

Accessories

Control Unit [O-02]



Article- Nr.: O-0301

Bird Control Balloon

Yellow Version

12.97 € per piece

incl. 19 % VAT. plus delivery

Ex- stock

Article types:

White Version	12.97 €
Black Version	12.97 €
Yellow Version	12.97 €

Article Description

Evil Eye Balloon:

This printed vinyl balloon is suspended on a rod in or above the area to be protected. It can also be effectively used in small gardens or on individual fruit trees.

In addition to the frightening predator eyes the silver and red glittering (imitating flames) tail strips have a repelling effect.

A balloon, that is hung higher than the object to be protected, has an effective radius of ca. 40 m.

Technical data:

diameter: 400mm

Time for installation: 5min

Material: PVC with imprint

additional welded attachment element

Foil fire strip in silver/ red

Applications:

Small gardens, fish farms, industrial buildings, landfill sites, farms, vineyards...

Effective against:

Pigeons, sparrows, starlings, blackbirds, crows, geese, seagulls, herons and cormorants

Scarecrow turbine:

This scarecrow combines the deterrent effect of a predator and reflecting light. The natural warning colours printed on the turbine panels trigger even with a light wind the instinct to flee.

Even when it is calm and the turbine does not turn the eyes have a repelling effect.

When turning, the two eyes constantly change their viewing direction. The eyes are always moving and irritate and frighten approaching birds.

This article is completely noise- free and is particularly suitable for use in populated areas.

It is recommended to set- up the scarecrow turbine in a colour- mix at a distance of ca. 150 m above the field.

The turbine (red) consists of a spinnaker and glass fibre. Dimensions: 142 cm high/ 42 cm diameter.

Applications:

Orchards, Fish- and poultry breeding, small gardens and airports

Effective against:

Pigeons, starlings, crows, herons, gulls, geese, blackbirds and deer



Article- Nr.: O-05

Bird Repeller Ribbon

17.85 € per piece

incl. 19 % VAT. plus delivery

Ex- stock

Article Description

- A lightweight, durable, bird- repelling tape that uses reflected light.
- Each box contains 30m (100 feet) of tough weatherproof 100 micron ribbon
- Fixed in loose streamers on sticks, it catches the wind and sunlight

Specification

Bird Repeller Ribbon combines holography, wind and light to irritate pest birds' senses and create an "off limits" zone against them.

Lightweight, durable, maintenance- free bird repelling product so versatile it keeps suggesting new and effective applications.

Usage

The bird repeller ribbon flashes as it moves with the wind. Reflecting sunlight, or any light, it produces constantly changing colors and patterns. This brilliant, flashing ripple effect is picked up by the bird pests as an unsettling danger signal. Whether seen as a predator or a rival for food or space, birds will not ignore this potential menace. It's properties keep unwanted bird pests away in several ways.

Pest birds are also deterred by the metallic noise the material gives off when caught by the slightest breeze.



Article- Nr.: O-05

Bird Repeller Ribbon - stretched

37.19 € per piece

incl. 19 % VAT. plus delivery

Ex- stock

Article Description

- A lightweight, durable, that is suspended in the outer region.
- The wind produces a whistling, noisy sound, which disturbs the birds.
- Each spool contains 500 meters of weatherproof Bird repeller ribbon
- Effective against all kinds of birds and wildlife.
- Lightweight, durable, maintenance- free

Use

The bird control band is stretched by the wind and makes a whistlingsound which scares the birds.



Article- Nr.: O-08

Scarecrow turbine

46.86 € per Stück

incl. 19 % VAT. plus delivery

Delivery in 5-7 working days

Article Description

This scarecrow combines the deterrent effect of a raptor and the reflection of light. The printed in the warning colors of nature turbine panels solve even with little wind out of an innate instinct to flee.

Even if the windless turbine does not rotate, producing printed eyes a deterrent.

By turns both eyes constantly change their viewing direction. The eyes are always on the move and irritate and frighten the birds already in the approach.

This article is completely noise- free and is suitable for use in areas near the settlement.

It is recommended to set up the scarecrow turbine in a color mix with a distance of 150 meters in the field.

The turbine (red) consists of Spinnaker and fiberglass.

Dimensions: 142cm high / 42cm diameter

Fields of application:

Orchards, fish and poultry farming, gardening, airports

Effective against:

Pigeons, starlings, crows, herons, gulls, geese, blackbirds, deer

Article- Nr.: O-13

Crop Gard

170.47 € per Stück

incl. 19 % VAT. plus delivery

Delivery in 5-7 working days



Article Description

This scarecrow combines the deterrent effect of motion and the reflection of light. The printed in the warning colors of nature slices solve even with little wind out of an innate instinct to flee.

Even if the turbine doesn't rotate, creating the colors and reflection bands as a deterrent.

The rotatable mounting the disks in light air in motion and irritate and frighten the birds already in the approach.

This article is completely noise-free and is suitable for use in areas near the settlement.

For larger areas we recommend several Crop Gards with a distance of about 100-150 m to set up.

Dimensions: 140cm high / 60cm diameter

Weight: 6 kg

Fields of application:

Orchards, fish and poultry farming, gardening, airports

Effective against:

Pigeons, starlings, crows, herons, gulls, geese, blackbirds, deer

Agriculture

It is not possible to imagine the countryside without birds, here they find sufficient feed and nesting. The result is serious damage to the harvest and significant costs.

We offer several solutions: Nettings, bogles, decoys, acoustic and visual solutions.



Article- Nr.: N-2701

Agricultural one- way netting, green

Mesh width 20 x 20mm, 3.8m wide, 1,000m²

175.53 € per unit

incl. 19 % VAT. plus delivery

Delivery in 5-7 working days

Article types:

Mesh width 20 x 20mm, 7m wide, 2000m ²	351.05 €
Mesh width 25 x 25mm, 4.5m wide, 1250m ²	175.53 €
Mesh width 25 x 25mm, 9m wide, 2500m ²	351.05 €
Mesh width 30 x 30mm, 5m wide, 1500m ²	175.53 €
Mesh width 30 x 30mm, 11m wide, 3000m ²	351.05 €
Mesh width 40 x 40mm, 7m wide, 2000m ²	175.53 €
Mesh width 40 x 40mm, 15m wide, 4000m ²	351.05 €
Mesh width 20 x 20mm, 3.8m wide, 1,000m ²	175.53 €

Article Description

This superlight netting was developed for effectively protecting crops from bird damage in the last weeks before harvest.

1 unit = 1 m x net width

Characteristics:

- 100% PE
- Weather-, tear- and rotting resistant
- UV- stabilised
- Colourfast
- Water- and acid resistant
- Extremely light, thus no ingrowth of plant shoots
- No carrier system required
- Environmentally friendly and in accordance with the animal protection laws.

Colour: green

Mesh Widths:

- 20 x 20 mm
- 25 x 25 mm
- 30 x 30 mm
- 40 x 40 mm

Practical Applications:

The system in practise: [REFERENCES](#)

Accessories



Article- Nr.: N-2801

Agricultural one- way netting, blue

Mesh width 20 x 20mm, 3.8m wide, 1000m²

175.53 € per unit

incl. 19 % VAT. plus delivery

Delivery in 5-7 working days

Article types:

Mesh width 20 x 20mm, 7m wide, 2000m ²	351.05 €
Mesh width 25 x 25mm, 4.5m wide, 1250m ²	175.53 €
Mesh width 25 x 25mm, 9m wide, 2500m ²	351.05 €
Mesh width 30 x 30mm, 5m wide, 1500m ²	175.53 €
Mesh width 30 x 30mm, 11m wide, 3000m ²	351.05 €
Mesh width 40 x 40mm, 7m wide, 2000m ²	175.53 €
Mesh width 40 x 40mm, 15m wide, 4000m ²	351.05 €
Mesh width 20 x 20mm, 3.8m wide, 1000m ²	175.53 €

Article Description

This superlight netting was developed for effectively protecting crops from bird damage in the last weeks before harvest.

Characteristics:

- 100% PE
- Weather-, tear- and rotting resistant
- UV- stabilised
- Colourfast
- Water- and acid resistant
- Extremely light, thus no ingrowth of plant shoots
- No carrier system required
- Environmentally friendly and in accordance with the animal protection laws.

Colour: blue

Mesh Widths:

- 20 x 20 mm
- 25 x 25 mm
- 30 x 30 mm
- 40 x 40 mm

Practical Applications:

The system in practise: [REFERENCES](#)

Accessories



Article- Nr.: N-3018

Agricultural Netting, high quality

Mesh width 30 x 30mm, 4m wide, blue

2.30 € per 1 unit

incl. 19 % VAT. plus delivery

Delivery in 5-7 working days

Article types:

Mesh width 12 x 12mm, 5m wide, green	6.46 €
Mesh width 12 x 12mm, 10m wide, green	12.91 €
Mesh width 20 x 20mm, 4m wide, green	3.43 €
Mesh width 20 x 20mm, 8m wide, green	6.84 €
Mesh width 20 x 20mm, 12m wide, green	10.29 €
Mesh width 20 x 20mm, 16m wide, green	13.72 €
Mesh width 25 x 25mm, 4m wide, green	2.74 €
Mesh width 25 x 25mm, 8m wide, green	5.47 €
Mesh width 25 x 25mm, 12m wide, green	8.21 €
Mesh width 25 x 25mm, 16m wide, green	10.95 €
Mesh width 25 x 25mm, 20m wide, green	13.69 €
Mesh width 30 x 30mm, 4m wide, green	2.30 €
Mesh width 30 x 30mm, 8m wide, green	4.58 €
Mesh width 30 x 30mm, 12m wide, green	6.90 €
Mesh width 30 x 30mm, 16m wide, green	9.20 €
Mesh width 30 x 30mm, 20m wide, green	11.48 €
Mesh width 30 x 30mm, 24m wide, green	13.78 €
Mesh width 30 x 30mm, 8m wide, blue	4.58 €
Mesh width 30 x 30mm, 12m wide, blue	6.90 €
Mesh width 30 x 30mm, 16m wide, blue	9.20 €
Mesh width 30 x 30mm, 20m wide, blue	11.48 €
Mesh width 30 x 30mm, 24m wide, blue	13.78 €
Mesh width 30 x 30mm, 4m wide, blue	2.30 €

Article Description

Netting specially developed for the protection of grape vines. When correctly installed it protects the vines from being eaten by birds. Available in various mesh sizes, depending on the size of the birds.

A packing unit is the net width x net length required.

(**Example:** article type N-3001: mesh width 12 x 12 mm, 5 m wide x 10 m length ordered gives netting of 5 m x 10 m = 10 units)

Characteristics:

- 100% PE
- Weather-, tear- and rotting resistant
- UV- stabilised
- Water- and acid resistant
- Stable from -30°C to +70°C
- Inherently stable
- Pesticide permeable
- Environmentally friendly and in accordance with the animal protection laws.

Types:

- Mesh 12 x 12 mm, green
- Mesh 20 x 20 mm, green
- Mesh 25 x 25 mm, green
- Mesh 30 x 30 mm, green
- Mesh 30 x 30 mm, blue

Practical Applications:

The system in practise: [REFERENCES](#)

Accessories



Article- Nr.: N-34

Agricultural Netting, predator defence

Mesh 80 x 80mm

1.33 € per m²

incl. 19 % VAT. plus delivery

Delivery in 5-7 working days

Article Description

For protecting poultry farms from predatory birds.

Please calculate your square meter before buying and enter it in the box at the top and let us know your preferred size after your purchase. (Example: netting 4m x 5m = 20m² -> Quantity: 20)

Delivery within 4 weeks after purchase

Characteristics:

- Knotted nylon
- 1.2 mm diameter
- Breaking capacity: 40 kg

Colour:

- olive green

Mesh Widths:

- 80 x 80 mm

On customer request the netting can be equipped with a 6-8mm border string and additionally treated with a UV- Impregnation.

Edge edging: 1.37 € (per border-meter)

UV- Impregnation: 95,20 € (fixed price)

Practical Applications:

The system in practise: [REFERENCES](#)

Accessories



Article- Nr.: N-3501

Agricultural Netting, for heron/ cormorant defence

Mesh width 150 x 150mm, 7m wide

6.50 € per 1 unit = meter x net Length

incl. 19 % VAT. plus delivery

Delivery in 5-7 working days

Article types:

Mesh 150 x 150mm, 20m wide	18.56 €
Mesh 150 x 150mm, 12m wide	11.14 €
Mesh width 150 x 150mm, 7m wide	6.50 €

Article Description

For protecting fish farms from herons and cormorants.

1 unit = 7 m / 12 m / 20 m x length

Characteristics:

- High strength, knotted nylon netting
- Mesh size 150 mm x 150 mm, quadratic
- UV- stabilised

Weight: 11 g/ m2

Colour: dark green

Mesh Widths: 7 m wide/ 12 m wide / 20 m wide

Special sizes on request

Edge overcasting on request

Minimum order quantity: 20 m2

Delivery within 4 weeks after purchase

Practical Applications:

The system in practise: [REFERENCES](#)

Accessories



Article- Nr.: E-20

Electric fence "Heron"

Battery (12V)

154.94 € per unit

incl. 19 % VAT. plus delivery

Ex- stock

Article types:

with power supply (220V)	115.60 €
Battery (12V)	154.94 €

Article Description

Starter kit for an electric fence for heron defense

Set consists of:

- Generator
- Grounding plate
- Cables
- Wire clamps
- Warning Sign

The system must be supplemented with the following items (see accessories below):

- Poles (Article E-2003)

Technical details:

Battery- powered version (Article E-2001)

- | | | |
|--------------------------------|------|------|
| • Output voltage: | | 7900 |
| • Load voltage (with 500 Ohm): | 1200 | |
| • Stored energy: | | 0.1 |
| • Pulse energy: | | 0.7 |

Accessories

Power Monitor [E-0906], Pole (5 pcs.) [E-2003], Powerline [E-2004], Wire connectors [E-2006]



Article- Nr.: A-3401

Birddrone

Birddrone Eagle

4576.92 € per piece

incl. 19 % VAT. plus delivery

Delivery in 5-7 working days

Article types:

Birddrone red	4576.92 €
Birddrone Eagle	4576.92 €

Article Description

- The Birddrone is a flying bird of prey decoy, which is operated with a remote control.
- In addition, the dummy is an acoustic device that can be submitted with predator calls. The control is done via the remote control.
- The flight time per charge is approximately 15 minutes.
- Weight: 5kg
- Wingspan: 1.20 m
- The package includes:
 - Birddrone
 - remote control
 - rechargeable batteries
 - Charger for batteries

Um diesen Film anzuzeigen muss Javascript aktiviert
und der **Flash Player** installiert sein.

Accessories

Fixed Mounting Base for Robop [A-12], Rotating Arm Base for Robop [A-13]



Article- Nr.: K-0501

Raptor - Devices

R 28

517.65 € per unit

incl. 19 % VAT. plus delivery

Ex- stock

Article types:

R31	630.11 €
R35v2	869.30 €
R42	767.55 €
R35solar	1499.40 €
R 28	517.65 €

Article Description

The principle of this acoustic system is to repel birds away from the areas to be protected by imitating their natural enemies.

It functions by playing six different sounds for 10 seconds in random order.

A frequency range of 300 to 4000 Hz is achieved. This is optimised specifically for the range of audibility of birds and mammals. Up to 120 db is measured at a distance of one metre from the speaker in the direction of the speaker.

The raptor system is specifically designed to repel birds or wild animals away from agricultural or industrial areas.

Advantages:

- High effectiveness
- Easy installation
- Easy to use
- Flexibility
- Reliability

Raptor R28 and R31

The **R 31** is perfect for smaller areas. It's also characterised by a good directionality, which means that the volume in the direction of the speaker is very loud, however the volume is much quieter from the sides and rear of the speaker. This allows specific areas to be targeted and prevents the sound from travelling into surrounding areas.

The **R 31** can be easily combined with noise protection barriers.

Also with reduced functionality as a cost-effective entry-level model **R 28** available (no random interval, 6 sounds)

Settings

The interval between the individual sounds (between 1 and 30 minutes) can be easily changed. Also, the volume can be adjusted if necessary.

Power source

The devices are powered by rechargeable 12- volt batteries (e.g., a car battery with at least 36 Ah). The battery is not included in the delivery.

HP- Filter

The devices have "High- Pass Filters". If necessary, this can be used to reduce the sound burden by filtering out deep, wide- reaching frequencies.

Night- and- day regulation

At sunset, the device automatically shuts off. The start time is adjustable: Sunrise at 6:15, 7:00 or 7:45 a.m.

Sound- chip:

- **R31:** this chip uses exclusively natural bird- sounds, therefore its optimal near residential areas. (scrub- jay call, owl call, falcon call, osprey call, hawk call 1, crow warning call, starling warning call 2, tawny- owl call)
- **R28:** 6 sounds (scrub jay, buzzard, 3 x different hawks, starling)

Raptor R35v2 and R35solar

The R35 designed for large areas. The device covers a broad area with both loudspeakers. This model is only conditionally applicable near residential areas. To achieve directionality similar to that of the R31 or R42, the speakers can be installed parallel to each other (or set at a desired angle).

Settings

The interval between the individual sounds (between 1 and 30 minutes) can be easily changed. Also, the volume can be adjusted if necessary.

Power source

The devices are powered by rechargeable 12- volt batteries (e.g., a car battery with at least 36 Ah). The battery is not included in the delivery.

HP- Filter

The devices have "High- Pass Filters". If necessary, this can be used to reduce the sound burden by filtering out deep, wide- reaching frequencies.

Night- and- day regulation

At sunset, the device automatically shuts off. The start time is adjustable: Sunrise at 6:15, 7:00 or 7:45 a.m.

Sound chip:

the R35 is equipped with a double- soundchip DSC 8B-8A, select by switch the suitable soundchip 8A or 8B

Raptor R 42

Thanks to the high- power amplifier, the RAPTOR R42 has a very wide acoustic range (similar to the R35). This model also has excellent directionality, and allows for easy targeting of specific areas. Therefore, the R42 can be used at a lower volume near residential areas. The R42 can be easily combined with noise protection barriers.

Settings

The interval between the individual sounds (between 1 and 30 minutes) can be easily changed. Also, the volume can be adjusted if necessary.

Power source

The devices are powered by rechargeable 12- volt batteries (e.g., a car battery with at least 36 Ah). The battery is not included in the delivery.

HP- Filter

The devices have "High- Pass Filters". If necessary, this can be used to reduce the sound burden by filtering out deep, wide- reaching frequencies.

Night- and- day regulation

At sunset, the device automatically shuts off. The start time is adjustable: Sunrise at 6:15, 7:00 or 7:45 a.m.

Sound chip: 8B

The sounds are primarily optimised for bird control but are also suitable for repelling wild animals. Intended for use far from residential areas. (Hawk call 1, Dog barking, Starling warning call, Falcon call, Firing sounds, Propeller aircraft, Hawk call 2, Buzzard call)

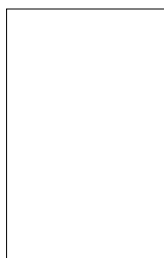
The following models are available on request. Please inquire [HERE](#).

Raptor R 56 remote

The RAPTOR remote offers operator- activated acoustic bird control that is perfectly adjusted for each individual situation. Through needs- oriented activation of sound, the effectiveness is dramatically increased and noise control is also improved since the device is activated much less frequently.

Additionally, automatic operation modes are also available to use if the operator is not present.

The RAPTOR R56 remote has a very large acoustic range due to the high power amplifier and two large horn speakers. These can be installed any angle. The design is very robust, with a sealed aluminium casing for the electronic components.



Automatic operation

The R56 remote offers two automatic modes, in addition to the user- activated function:

"Slow automatic": Automatic operation from morning to evening (Four starting times)

"Fast Automatic": Automatic operation initiated by remote signal

Settings

The interval between the individual sounds (between 1 and 30 minutes) can be easily changed. Also, the volume can be adjusted if necessary.

Power source

The devices are powered by rechargeable 12- volt batteries (e.g., a car battery with at least 36 Ah). The battery is not included in the delivery.

HP- Filter

The devices have “High- Pass Filters”. If necessary, this can be used to reduce the sound burden by filtering out deep, wide- reaching frequencies.

Night- and- day regulation

At sunset, the device automatically shuts off. The start time is adjustable: Sunrise at 6:15, 7:00 or 7:45 a.m.

Sound chip: 8B

The sounds are primarily optimised for bird control but are also suitable for repelling wild animals. Intended for use far from residential areas. (Hawk call 1, Dog barking, Starling warning call, Falcon call, Firing sounds, Propeller aircraft, Hawk call 2, Buzzard call)

Raptor R 56 solar

The R56 is an extremely powerful device with a high power amplifier and two large horn speakers. The loudspeakers can be set at any desired angle. The construction is very robust with sealed aluminium casing for the electronic components. Due to the volume level, this model should not be used near residential areas. The high power of the device naturally indicates higher energy consumption, and the automatically operated R56 is therefore equipped with 6W or 20W solar power capability. This charges the 12V battery and significantly reduces the recharging burden. The R56 can also be delivered in various configurations. Please enquire about this possibility.



Settings

The interval between the individual sounds (between 1 and 30 minutes) can be easily changed. Also, the volume can be adjusted if necessary.

Power source

The devices are powered by rechargeable 12- volt batteries (e.g., a car battery with at least 36 Ah). The battery is not included in the delivery.

HP- Filter

The devices have “High- Pass Filters”. If necessary, this can be used to reduce the sound burden by filtering out deep, wide- reaching frequencies.

Night- and- day regulation

At sunset, the device automatically shuts off. The start time is adjustable: Sunrise at 6:15, 7:00 or 7:45 a.m.

Sound chip: 8B

The sounds are primarily optimised for bird control but are also suitable for repelling wild animals. Intended for use far from residential areas. (Hawk call 1, Dog barking, Starling warning call, Falcon call, Firing sounds, Propeller aircraft, Hawk call 2, Buzzard call)



Article- Nr.: K-03

Bird Gard - Devices

Bird Gard PRO STANDARD

536.40 € per unit

incl. 19 % VAT. plus delivery

Ex- stock

Article types:

Bird Gard PRO PLUS	918.00 €
Bird Gard SUPER PRO	1520.99 €
Bird Gard SUPER PRO PA4	1107.01 €
Bird Gard SUPER PRO AMP	5783.40 €
Bird Gard PRO STANDARD	536.40 €

Article Description

Bird Gard acoustic bird control devices repel birds with predator calls, distress calls and other electronical sounds.

Integrated microchip store up to eight different calls, which can be alternated depending on possible habituation effects of the birds to be deterred. Switches at the devices allow to change the sequence of the calls, the pause length and the calls itself. The digital features guarantee a low power consumption and a consistent quality of the emitted calls.

The pause lengths can be set in four time spans between 17 seconds and 30 minutes. The devices can automatically be switched off and on depending on daylight with an integrated photocell.

The power and loudness of the devices must be adjusted to the residential area. The devices may only be operated with a minimum distance of 100m to the next residential area (regulation applies to Germany). All devices can be powered by an autobattery (not included). Alternatively an adapter is also available.

Effect against:

Bird Gard PRO Standard, Bird Gard Pro Plus and Bird Gard Super PRO are effective against gulls, starlings and pigeons.

Bird Gard Super PRO PA4 are effective against Grey Heron, Great Blue Heron, Great Horned Owl, Great Egret, Great Cormorant, Common Gull, Wild Turkey, Snowy Egret, Black- crowned Night Heron, Jackdaw, Carrion Crow, Canadian Geese and Rooks.

Depending on the area, which you would like to cover, the appropriate version of the Bird Gard devices is available:

Bird Gard Pro Standard

- Coverage up to 0.5 hectares
- Integrated speaker
- Frequency: 2.000 – 5.000 Hz

- Frequency: 2.000 – 5.000 Hz
- Connection to a further external speaker possible
- Installation on a stainless steel holder
- Powered by a 12 volt battery (not supplied)
- Dimension: 26 x 11.4 x 9.5 cm
- Weight: 439 gr.

Bird Gard Pro Plus

- Coverage up to 1.2 hectares
- Weather- proof plastic housing
- 2 amplifier stages
- Frequency: 2.000 – 5.000 Hz
- Connection to external speakers possible with sockets
- Installation on a stainless steel holder
- Powered by a 12 volt battery (not supplied)
- Dimension: 15.4 x 14.6 x 8.9 cm
- Weight: 540 gr.
- Scope of Delivery:
2 amplifiers, 2 speakers each with 30m cable

Bird Gard SUPER PRO

- Coverage up to 2.4 hectares
- Weather- proof plastic housing
- 4 amplifier stages
- Frequency: 2.000 – 5.000 Hz
- Plug- in memory chip
- Connection to further four external speakers possible with sockets
- Installation on a stainless steel holder
- Powered by a 12 volt battery (not supplied)
- Choice of settings, all speakers, only one, or the speakers alternating
- Dimension: 22.5 x 20 x 13 cm
- Weight: 1.5 kg.
- Scope of Delivery:
4 amplifiers, 4 speakers each with 30m cable, 3 metre battery cable

Bird Gard SUPER PRO PA4

- In contrast to the Bird Gard SUPER PRO, the SUPER PRO PA4 is more for the repelling of game and ravens.
- Coverage up to 0.5 hectares
- Weather- proof plastic housing
- Broadband amplifier
- Plug- in memory chip Sockets for connecting four external speakers at the amplifier
- 1 broadband speaker with 15 m cable
- Installation using a stainless steel holder
- Powered by a 12 volt battery (not supplied)
- Dimension: 22.5 x 20 x 13 cm
- Weight: 1.5 kg.
- Scope of Delivery:
1 broadband amplifier, 1 broadband speaker with 15m cable, 3 metre battery cable

Bird Gard SUPER PRO AMP

- This system is particularly suitable for airports.
- Coverage up to 16 hectares
- Weather- proof plastic housing. Working temperature: -20°C (-4° F) up to +40°C (104°F)
- 2 high performance amplifiers
- Tower with 20 speakers
- Plug- in memory chip
- Solar panel included
- Powered by a 12 volt battery (not supplied). Power requirement: 3A
- The system is maintenance free when operated with solar panel and battery
- Does not operate with AC adapter
- Measurements:
 - Loudspeaker box: 40 x 270 x 270mm
 - Control panel: 285 x 200 x 145mm
 - Solar panel: 640 x 540 x 50mm
- Weight:
 - Loudspeaker box: 5.0kg
 - Control panel: 1.5kg
 - Solar panel: 4.5kg
- Scope of Delivery:
 - 2 high performance amplifiers, 1 tower with 20 speakers, 3 metre battery cable, solar panel

Accessories

Extension Speakers [K-03-05], Extension Speakers [K-03-06], Power Supply [K-03-07],
Prolongation cable (50 meters) [K-03-08], Timer [K-03-09], Solarpanel [K-03-12]



Article- Nr.: K-01

PURIVOX - Devices

Triplex V

940.79 € per set

incl. 19 % VAT. plus delivery

Ex- stock

Article types:

Karussel Triplex V	862.80 €
Razzo Triplex V	956.40 €
Triplex V	940.79 €

Article Description

Bird scarer with 3-shot technique for bird and wildlife defense.

The 3- way shot is therefore the best method, because it is the best way to get the birds away. By the first shot the birds fly a little bit up, if now would come no further shot they would land again and start eating again. But as soon the birds have started to fly a little bit up, the second shot will be fired by the Purivox Carousel Triplex V. Now the birds fly even higher and short after this the third and last shot will be fired to scare the birds finally away!

The **Purivox - Devices** are used in:

- Vineyards and orchards
- Fish breeding farms
- Industrial facilities
- Airports
- Agricultural
- Landfills

PURIVOX Triplex V

A stationary sonic blast- shock cannon unit with a 3- way shot.

Due to its design, this device can be readily transported.

The unit comes with two 6 volt batteries, needed to operate the unit.

Gas bottle not included in the package.

The PURIVOX Triplex V can be transported without any problems.

Noise emission: ca. 86db

Protected area: in the shooting direction ca. 1 – 2 hectares

Dimensions: 100 x 47 x 18,5 cm

Weight: 10 kg

PURIVOX Karussell Triplex V

A sonic- shock scarer with an automatic multi- directional 3- way shot.

The cannon and the electronics unit are mounted on a tripod at an effective standard height of 2m. Greater heights are available on request.

Each shot in the 3- shot sequence is fired in a different direction through the recoil action of the cannon which transverses on the tripod. Through multi- directional shot, each shot produces a different magnitude/ volume which supports shock effectiveness.

Even solitary animals, which are react more strongly to visual stimuli (movement) react to this device ´s cannon and movement.

The unit comes with two 6 volt batteries, needed to operate the unit.

Gas bottle not included in the package.

Noise emission: 90 or 96db

Protected area: in the shooting direction ca. 4 – 5 hectares

Dimensions: 130 x 220 x 130 cm

Weight: 13 kg

PURIVOX Razzo Triplex V

An effective visual animal repellent with an electronically controlled three- way shot.

The vertical cannon shoots a flutter or bird- of- prey dummy along a vertical antenna. Gravity then returns the dummy.

With simple shot cannons, individual birds such as blackbirds, thrushes and herons can only be scared away for short periods of time.

But because these birds will instinctively try to save themselves, they react more strongly to movement (cats, birds of prey etc.) rather than shots.

The combination of acoustic blast- shock and visual fright makes the PURIVOX Razzo Triplex V the most effective of all bird shock device.

The effective impact area is approximately 1ha.

The unit comes with two 6 volt batteries, needed to operate the unit.

Gas bottle not included in the package.

Noise emission: ca. 86db

Protected area: in the shooting direction ca. 4 – 5 hectares

Dimensions: 16 x 650 cm

Weight: 15 kg

Accessories

PURIVOX mirror pyramid for carousel Triplex V [K-01-04]



Article- Nr.: K-01-01

PURIVOX Karussel Triplex V

1040.39 € per set

incl. 19 % VAT. plus delivery

Ex- stock

Article Description

Automatic, electronic triple- shot bird scarer, whereby every shot fired is aimed in a different direction.

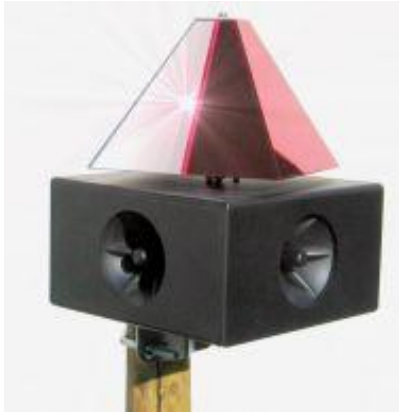
The clear height of the tri- pod mounted barrel and electrical unit is 2 metres.

Even animals that are more likely to respond to motion are repelled by the combination of crack and the rotating motion. Therefore, the Karussel is also used to repel geese.

Protected area: ca. 4 – 5 hectares.

Accessories

PURIVOX mirror pyramid for carousel Triplex V [K-01-04]



Article- Nr.: K-01-04

PURIVOX mirror pyramid with acoustic

571.20 € per pcs.

incl. 19 % VAT. plus delivery

Ex- stock

Article Description

Using the mirror pyramid, which is equipped with 4 speakers, the birds are getting deterred by the visual appeal of the reflection and the acoustic stimulus.

The Mirror pyramid is especially made for protect areas which are located near high voltage power lines and tall trees. The pest birds who are sitting on the power lines or trees are blinded by the sunlight through the Mirror pyramid and fly away.

With the two different colored sides the blinding- effect is additionally strengthened drastic.

The mirror is mounted with a pole to the engine. By an integrated light sensor the mirror pyramid may either work in day, night or day / night mode.



Article- Nr.: K-1801

UltraSon

Classic

843.41 € per piece

incl. 19 % VAT. plus delivery

Ex- stock

Article types:

Solar	1310.64 €
Classic	843.41 €

Article Description

UltraSon is working with high acoustic hearable waves and ultrasound waves of 2 - 30 kHz. This frequency is entirely steered through, what produces a corresponding effect in the breadth. This high-sound- acoustic and hearable waves of over 105 dB combined with ultrasound produces a high grade sound effect.

- UltraSon must be placed in time before the fruits are ripening. With too late appointment of UltraSon, varmint mostly already have the taste of ripe grapes, cherries etc., so it is more difficult to chase them away.
- At first you have to decide, what kind of animals or birds have to be chased away. You can influence forest birds, forest animals and starlings in a different way. Each kind of animal demands a special action which our UltraSon executes.
- One loudspeaker box has an effect in the breadth of 100m. When you have larger surfaces you must use additional loudspeakers (K-1804).
- The loudspeaker box must be fixed about 2 metres above the vines or trees.
- The aim of UltraSon is to disturb the animals at their resting and sleeping place and to interrupt their flight route between resting place and feeding area.

Defense against wild boars, badger, deer, magpies, sparrows, crows and other animals living in the forest.

Installation:

Please install UltraSon loudspeakers alongside the crop. For every 100 meters length you will need one triple loudspeaker. You can extend the base no. K-1801 with maximum 2 piece triple loudspeaker no. K-1804.



Power supply:

To operate at full power UltraSon will need a car battery with 12 V and minimum 36 Ah which provides energy for about 40 days for the base only.

UltraSon has a day- night-automatic. It switches on in the morning and off in the evening. Operation just at night (for wild boars, deer, badger) is also possible with the night switch.

The frequency is adjustable.

There are two different versions:

• **Ultrason Classic (Currently not available!)**

-
- - Weatherproof case with built- in automatic control
 - 3 pieces of piezo high frequency emitter
 - Twilight sensor (turns off automatically in the evening and the morning)
 - Night mode controller
 - 2 - 30 kHz frequency controller
 - Interval and time interval control
 - Battery status indicator
 - 2 connectors for speaker K-1804 or K-1805
 - Battery Cable 3m
 - Power supply: Car battery (min. 36 Ah) or 12V/220V power supply (Article K-1807) (not included)

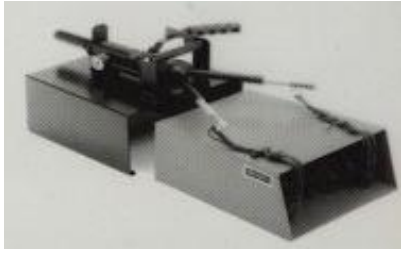
• **Ultrason solar**

-
- - See above (Ultrason Classic)
 - Additional features: **Integrated clock (DCF77 radio clock)**
 - several periods over the 24-day on and off
 - automatic time setting
 - Power supply: Car battery (min. 36 Ah) or 12V/220V power supply (Article K-1807) or solar tower (K-1803) (not included)
 - **Solar- Tower** for power supply is included
 - alternative power supply: Car battery (min. 36 Ah) or 12V/220V power supply (Article K-1807)

Ultrason is a german quality product and successfully for over 20 years in use!

Accessories

Solarpanel [K-1803], Additional Speaker Box [K-1804], Additional Speaker [K-1805], Clamp set [K-1806], Power supply 220V / 12V [K-1807], Power supply 220V / 12V (Swiss socket) [K-1808], Power supply 12V [K-1809]



Article- Nr.: C-30

Net Thrower

Works with co2 cartridges

3213.00 € per piece

incl. 19 % VAT. plus delivery

Ex- stock

Article Description

The net thrower is suitable for catching large numbers of birds. The power of the net throwing mechanism is 35 bar using co2 cartridges. The net thrower is completely safe.

Dimensions: 530 mm x 320 mm x 28mm

Weight: 8 kg

Mode of operation: co2 cartridges, 16 g

Scope of delivery: replacement container with net and 2 projectiles, 1 gas cartridge

The use of the net thrower is at your own risk. We must point out, that the sale may be restricted in some states due to animal welfare legislation.



Article- Nr.: A-17

Scarey Man

Scarey Man Multi- Use Version

922.40 € per piece

incl. 19 % VAT. plus delivery

Ex- stock

Article types:

Scarey Man Version Day	881.49 €
Scarey Man Multi- Use Version	922.40 €

Article Description

- The scarecrow Scarey- Man is an automatic bird deterrent, which has been developed especially for the use in agriculture, airports and landfill sites.
- The scarecrow is useful against pigeons, crows, starlings, seagulls and even against deer. It covers an area of 1-4 hectar.
- The "straw man" consists of a 1.8m high and weather- proof puppet, a plastic base with an air pump, a sirene and a lamp. The scarecrow is automatically pumped regularly (standard is every 18 min), while emitting scaring sounds and flash lights (only with multi- use version).
- **There are two different versions:**
 - Day Version (works only during day, turns on with sunrise and off with sunset)
 - Multi- Use Version (working time can be adjusted, either only during day, only during night or 24 hours)
- Except battery exchange, no maintenance is necessary.
- Scope of delivery: Scarey- Man incl. Sirene, lamp (only with multi- use version) and control unit. The battery is not included.

Accessories

Timer for Scarey Man [A-1703], Replacement cover for Scarey Man [A-1704],
Battery charger for Scarey Man [A-1705]



Article- Nr.: O-0101

Stroboscure Flash System

Stroboscure flash

827.05 € per piece

incl. 19 % VAT. plus delivery

Delivery in 5-7 working days

Article types:

Stroboscure LED	708.05 €
Stroboscure flash	827.05 €

Article Description

Birds respond to visual stimuli. This can be exploited with bright flashing lights. The Stroboscure devices emit the same amount of light as 15 million candles. The frequency can be set from 1 to 15 flashes per second. An LED version consumes less power for the same performance.

The devices are only allowed to be used indoors, as the flashes can disturb humans. Stroboscure devices are not to be pointed directly at people. The units must be installed in a way that they beam upwards. This is a sensible application for large warehouses where the birds breed in the roof structure.

Stroboscure System Data:

- **Light yield:** 1,500 watt (flash)
- **Voltage:** 220 V AC 16 A. Working voltage: 220 V, 60 Hz AC
- **Dimensions:** 45 mm x 250 mm 220 mm
- **Material:** Heat- resistant glass. Aluminium housing
- **Cooling:** air cooled
- **Weight:** 5 kg, including assembly bracket

Accessories

Control Unit [O-02]



Article- Nr.: C-10

Universal Bird Trap

121.38 € per piece

incl. 19 % VAT. plus delivery

Delivery in 5-7 working days

Article Description

For catching crows, magpies, pigeons. With two chambers, two entrances 30 x 35 cm and a central compartment for bait or decoy.

The trap is made of welded wire mesh.

Dimensions: 103 x 48 x 46 cm



Article- Nr.: C-11

Universal Net Trap

142.80 € per piece

incl. 19 % VAT. plus delivery

Delivery in 5-7 working days

Article Description

Large strong net trap for capturing live and uninjured rabbits, crows, magpies and pigeons etc.

Dimensions: 50 x 50 cm



Article- Nr.: C-12

Crow Trap

205.28 € per piece

incl. 19 % VAT. plus delivery

Ex- stock

Article Description

Octagonal live trap suitable for crows, magpies and pigeons. With four separate trapping chambers. Thus, it is not a mass trap, but a trap with four individual traps. A separate bait box is inside.

Made of solid wire.

Dimensions: diameter 107 cm, height 36 cm



Article- Nr.: C-13

Pigeon Trap

176.35 € per piece

incl. 19 % VAT. plus delivery

Ex- stock

Article Description

Wherever city pigeons are a problem, this trap is in the right place.

It is equipped with a simple gravitational mechanism.

The pigeons can get in, but cannot get out. The trap is thus always ready to trap a bird. It can hold several pigeons.

Made of solid wire.

Dimensions: 102 x 42 x 33 cm



Article- Nr.: C-15

Sparrow Trap

124.06 € per piece

incl. 19 % VAT. plus delivery

Ex- stock

Article Description

This live trap is especially suited for trapping sparrows.

Dimensions (lxbxh): 610 x 350 x 190 mm

Material: metal



Article- Nr.: O-0301

Bird Control Balloon

Yellow Version

12.97 € per piece

incl. 19 % VAT. plus delivery

Ex- stock

Article types:

White Version	12.97 €
Black Version	12.97 €
Yellow Version	12.97 €

Article Description

Evil Eye Balloon:

This printed vinyl balloon is suspended on a rod in or above the area to be protected. It can also be effectively used in small gardens or on individual fruit trees.

In addition to the frightening predator eyes the silver and red glittering (imitating flames) tail strips have a repelling effect.

A balloon, that is hung higher than the object to be protected, has an effective radius of ca. 40 m.

Technical data:

diameter: 400mm

Time for installation: 5min

Material: PVC with imprint

additional welded attachment element

Foil fire strip in silver/ red

Applications:

Small gardens, fish farms, industrial buildings, landfill sites, farms, vineyards...

Effective against:

Pigeons, sparrows, starlings, blackbirds, crows, geese, seagulls, herons and cormorants

Scarecrow turbine:

This scarecrow combines the deterrent effect of a predator and reflecting light. The natural warning colours printed on the turbine panels trigger even with a light wind the instinct to flee.

Even when it is calm and the turbine does not turn the eyes have a repelling effect.

When turning, the two eyes constantly change their viewing direction. The eyes are always moving and irritate and frighten approaching birds.

This article is completely noise- free and is particularly suitable for use in populated areas.

It is recommended to set- up the scarecrow turbine in a colour- mix at a distance of ca. 150 m above the field.

The turbine (red) consists of a spinnaker and glass fibre. Dimensions: 142 cm high/ 42 cm diameter.

Applications:

Orchards, Fish- and poultry breeding, small gardens and airports

Effective against:

Pigeons, starlings, crows, herons, gulls, geese, blackbirds and deer



Article- Nr.: O-05

Bird Repeller Ribbon

17.85 € per piece

incl. 19 % VAT. plus delivery

Ex- stock

Article Description

- A lightweight, durable, bird- repelling tape that uses reflected light.
- Each box contains 30m (100 feet) of tough weatherproof 100 micron ribbon
- Fixed in loose streamers on sticks, it catches the wind and sunlight

Specification

Bird Repeller Ribbon combines holography, wind and light to irritate pest birds' senses and create an "off limits" zone against them.

Lightweight, durable, maintenance- free bird repelling product so versatile it keeps suggesting new and effective applications.

Usage

The bird repeller ribbon flashes as it moves with the wind. Reflecting sunlight, or any light, it produces constantly changing colors and patterns. This brilliant, flashing ripple effect is picked up by the bird pests as an unsettling danger signal. Whether seen as a predator or a rival for food or space, birds will not ignore this potential menace. It's properties keep unwanted bird pests away in several ways.

Pest birds are also deterred by the metallic noise the material gives off when caught by the slightest breeze.



Article- Nr.: O-05

Bird Repeller Ribbon - stretched

37.19 € per piece

incl. 19 % VAT. plus delivery

Ex- stock

Article Description

- A lightweight, durable, that is suspended in the outer region.
- The wind produces a whistling, noisy sound, which disturbs the birds.
- Each spool contains 500 meters of weatherproof Bird repeller ribbon
- Effective against all kinds of birds and wildlife.
- Lightweight, durable, maintenance- free

Use

The bird control band is stretched by the wind and makes a whistlingsound which scares the birds.



Article- Nr.: O-08

Scarecrow turbine

46.86 € per Stück

incl. 19 % VAT. plus delivery

Delivery in 5-7 working days

Article Description

This scarecrow combines the deterrent effect of a raptor and the reflection of light. The printed in the warning colors of nature turbine panels solve even with little wind out of an innate instinct to flee.

Even if the windless turbine does not rotate, producing printed eyes a deterrent.

By turns both eyes constantly change their viewing direction. The eyes are always on the move and irritate and frighten the birds already in the approach.

This article is completely noise- free and is suitable for use in areas near the settlement.

It is recommended to set up the scarecrow turbine in a color mix with a distance of 150 meters in the field.

The turbine (red) consists of Spinnaker and fiberglass.

Dimensions: 142cm high / 42cm diameter

Fields of application:

Orchards, fish and poultry farming, gardening, airports

Effective against:

Pigeons, starlings, crows, herons, gulls, geese, blackbirds, deer

Article- Nr.: O-13

Crop Gard



170.47 € per Stück

incl. 19 % VAT. plus delivery

Delivery in 5-7 working days

Article Description

This scarecrow combines the deterrent effect of motion and the reflection of light. The printed in the warning colors of nature slices solve even with little wind out of an innate instinct to flee.

Even if the turbine doesn't rotate, creating the colors and reflection bands as a deterrent.

The rotatable mounting the disks in light air in motion and irritate and frighten the birds already in the approach.

This article is completely noise-free and is suitable for use in areas near the settlement.

For larger areas we recommend several Crop Gards with a distance of about 100-150 m to set up.

Dimensions: 140cm high / 60cm diameter

Weight: 6 kg

Fields of application:

Orchards, fish and poultry farming, gardening, airports

Effective against:

Pigeons, starlings, crows, herons, gulls, geese, blackbirds, deer



Article- Nr.: C-3301

Bird Balls hollow

100 mm, 1 unit= 100 pieces, air- filled

from 76.42 € per unit

incl. 19 % VAT. plus delivery

Ex- stock

Prices:

Up to 5.000 pieces	111.38 €
Basic price: 1.11 € pro pcs	
From 5.000 pieces	90.50 €
Basic price: 0.90 € pro pcs	
From 25.000 pieces	76.42 €
Basic price: 0.76 € pro pcs	

Order a sample!

Article types:

100 mm, 1 unit= 100 pieces, water- filled	from 78.90 €
100 mm, 1 unit= 100 pieces, air- filled	from 76.42 €

Article Description

Hollow balls for covering large areas of fire fighting- and rain water reservoirs on or close to airports. Water reservoirs attract birds. This can be effectively prevented by covering with hollow balls, which make the airports less attractive to birds.

Blowing away in the wind is prevented by mixing air- and water filled balls. The ratio should be ca. 70:30.

The balls are spread on the surface and cover reliably ca. 90% of the surface.

- Dimensions: 100 mm diameter
- Weight: 46 g (air- filled), 250 g (water- filled)
- Material: HDPE, black, UV- stabilised
- Cover: ca. 116 pieces/ m2
- Life: at least 10 years under normal conditions
- 1 unit= 100 pieces

Hollow balls are also used to deny birds access to toxic waters. In the agricultural sector large seas with fish farms can be protected from cormorants etc.

Accessories

Dachrinnenclips, 100 Stück [S-09], Spezialkleber [S-1101], Bitumenklebeband [S-17]

Bird protection

Birds are an important part of wildlife. Our bird protection systems help birds to survive and breed. Some bird protection measures may even lure the birds away from unwanted areas.



Article- Nr.: V-14

Birdsticker

from 18.33 € per Unit (5 pcs.)

incl. 19 % VAT. plus delivery

Ex- stock

Prices:	
1 - 49 sets	21.41 €
Basic price: 4.28 € pro pcs	
50 - 99 sets	20.77 €
Basic price: 4.15 € pro pcs	
from 100 sets	20.29 €
Basic price: 4.06 € pro pcs	

Article Description

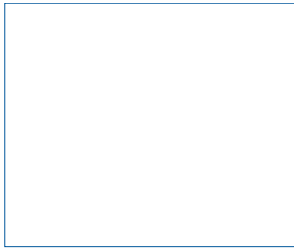
Birds cannot see reflecting window glass and fly into it. With predator decals, a danger for birds can be highlighted.

Existing window decals can also be seen by human eyes and are not very nice on buildings. Therefore decals have been developed, which are hardly visible for the human eye. They are only visible in UV, which birds can see - a true innovation in bird protection!

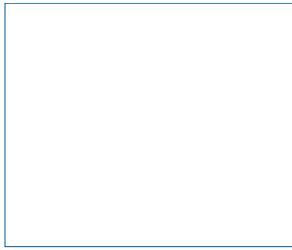
The decals are available in sets of 5 pieces each including a plastic scraper. The decals are

- highly effective especially with clean glass
- highly transparent and therefore hardly visible for the human eye
- sizes: 180mm wing spread x 105mm from head to tail
- easy to install
- very durable (up to 10 years)
- Even with the decals on, windows still can be cleaned
- decals can be installed on the outside or inside
- density: We calculate 5-10 decals per square meter, in order to have a perfect effect. However, the distance between the decals should not exceed 10cm.

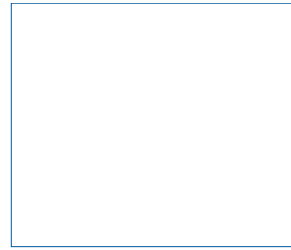
Installation is very easy



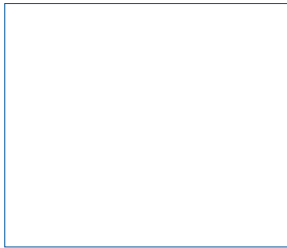
Straighten out the birdsticker with the plastic scraper on an even area.



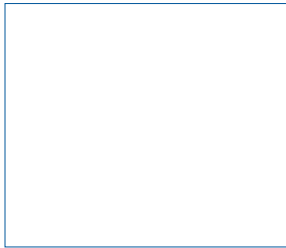
Remove the transparent cover foil at an angle of 180°.



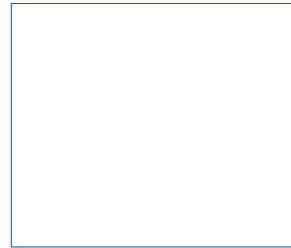
Wet the adhesive side of the decal and the window with water.



Attach the cover foil with the decal wrinkle-free onto the window. Flatten it.



After drying, remove the cover foil carefully at an angle of 180°.



Spray the decal again with water and flatten it out with the plastic scraper.

Please notice: Small air or water bubbles dissolve usually within several days or weeks by themselves.

For larger areas or as a company, please request our installation service.



Article- Nr.: C-0801

Predator Silhouettes

Self- adhesive, black version

from 10.71 € per piece

incl. 19 % VAT. plus delivery

Ex- stock

Prices:

1 □ 10 pieces	10.71 €
11 □ 20 pieces	8.93 €
From 21 pieces	6.55 €

Article types:

Self- adhesive, white version	from 10.71 €
Self- adhesive, red version	from 10.71 €
Self- adhesive, black version	from 10.71 €

Article Description

Birds do not perceive reflecting window panes as an obstruction and fly into them. Predator silhouettes attempt to signal the danger of a natural enemy.

Predator Silhouettes are available in three versions: black, white and red.

- Material:
Self- adhesive, high quality foil, UV- resistant and suitable for outdoors.
- Application density:
As a rule, ca. 4 silhouettes / m² are recommended to achieve the desired effect.
- Maintenance:
It is recommended to only clean the foil with water. This extends its life.

Dimensions:

- Small silhouette: ca. 20 cm wingspan
- Large silhouette: ca. 37 cm wingspan



Article- Nr.: C-20

Bird Marker

Set includes glass scraper

17.73 € per marker

incl. 19 % VAT. plus delivery

Ex- stock

Article Description

Prevents birds from colliding with glass. You receive with the Bird Marker a high quality and carefully tested product. The transparent and almost invisible stripes provide highly effective protection against bird collision.

The Bird Marker is:

- Virtually invisible
- Weather- resistant
- Easy- to- use
- Can be easily removed from glass panes at all times
- Suitable for ca. 10 m² of window
- Protective effect normally lasts ca. 3 months; this depends on the UV radiation and wear caused by window cleaning.

Please Note:

- The effective layer should be applied to the outside of the glass.
- The glass surface must be thoroughly cleaned before use.
- The distance between the strips and the frame and between the individual strips should be 6 – 8 cm.
- Surfaces already covered should not be retreated.
- The strips can be cleaned with domestic glass cleaner or the glass scraper supplied.

The Bird Marker – active bird protection!



Article- Nr.: V-1301

Birdscreen

60.96 x 182.88 cm (24" x 72")

34.51 € per piece

incl. 19 % VAT. plus delivery

Ex- stock

Article types:

76.20 x 182.88 cm (30" x 72")	36.30 €
91.44 x 182.88 cm (36" x 72")	38.08 €
60.96 x 182.88 cm (24" x 72")	34.51 €

Article Description

Birdscreen protects birds from flying against window glass - without blocking the view much. It consists of a fly-screen- like fiberglass micromesh, black top and bottom frames and can be attached to the top of the window by screw hooks or suction cup brackets.

Hardware for mounting both ways is included with every Birdscreen.

Sizes Available:

- 60.96 x 182.88 cm (24" x 72")
- 76.20 x 182.88 cm (30" x 72")
- 91.44 x 182.88 cm (36" x 72")

Package includes

- Birdscreen made of fiberglass
- suction cup brackets
- screw hooks



Article- Nr.: C-05

Triangle for Electricity Pylons

58.91 € per piece

incl. 19 % VAT. plus delivery

Delivery in 5-7 working days

Article Description

Large birds like to perch on power lines; this causes short-circuits if they come into contact with current-carrying parts. In order to prevent short-circuits and the inevitable death of the bird the Triangle VT was developed.

The triangle is made of hard plastic and is therefore suitable for use on power lines.



Article- Nr.: O-0301

Bird Control Balloon

Yellow Version

12.97 € per piece

incl. 19 % VAT. plus delivery

Ex- stock

Article types:

White Version	12.97 €
Black Version	12.97 €
Yellow Version	12.97 €

Article Description

Evil Eye Balloon:

This printed vinyl balloon is suspended on a rod in or above the area to be protected. It can also be effectively used in small gardens or on individual fruit trees.

In addition to the frightening predator eyes the silver and red glittering (imitating flames) tail strips have a repelling effect.

A balloon, that is hung higher than the object to be protected, has an effective radius of ca. 40 m.

Technical data:

diameter: 400mm

Time for installation: 5min

Material: PVC with imprint

additional welded attachment element

Foil fire strip in silver/ red

Applications:

Small gardens, fish farms, industrial buildings, landfill sites, farms, vineyards...

Effective against:

Pigeons, sparrows, starlings, blackbirds, crows, geese, seagulls, herons and cormorants

Scarecrow turbine:

This scarecrow combines the deterrent effect of a predator and reflecting light. The natural warning colours printed on the turbine panels trigger even with a light wind the instinct to flee.

Even when it is calm and the turbine does not turn the eyes have a repelling effect.

When turning, the two eyes constantly change their viewing direction. The eyes are always moving and irritate and frighten approaching birds.

This article is completely noise- free and is particularly suitable for use in populated areas.

It is recommended to set- up the scarecrow turbine in a colour- mix at a distance of ca. 150 m above the field.

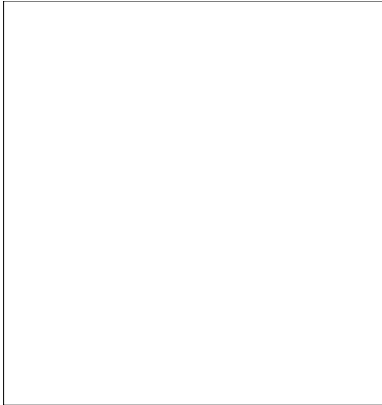
The turbine (red) consists of a spinnaker and glass fibre. Dimensions: 142 cm high/ 42 cm diameter.

Applications:

Orchards, Fish- and poultry breeding, small gardens and airports

Effective against:

Pigeons, starlings, crows, herons, gulls, geese, blackbirds and deer



Article- Nr.: V-0101

Tit Residence

Red/ light grey

49.50 € per piece

incl. 19 % VAT. plus delivery

Ex- stock

Article types:

Brown / light brown	49.50 €
Olive / light grey	49.50 €
Red/ light grey	49.50 €

Article Description

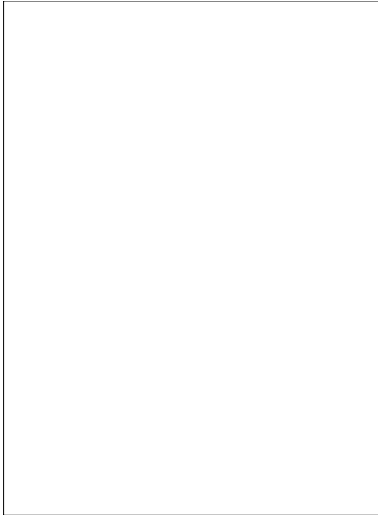
Very suitable for the following birds: great-, blue, marsh, coal and crested tit; also common redstart, nuthatch, pied flycatcher, wryneck, tree- and house sparrow, possibly even bats.

The nesting boxes are not only used for breeding and raising young, but also as protected hibernation places in winter.

Material: wood concrete

Colour variations:

- Body red / front wall light grey
- Body brown / front wall light brown
- Body olive green / front wall light grey



Article- Nr.: V-0201

Starling Nesting Box with Marten Protection

Entrance 34 mm

34.27 € per piece

incl. 19 % VAT. plus delivery

Ex- stock

Article types:

Entrance oval 32 x 45 mm	34.27 €
Entrance 45 mm	34.27 €
Entrance 34 mm	34.27 €

Article Description

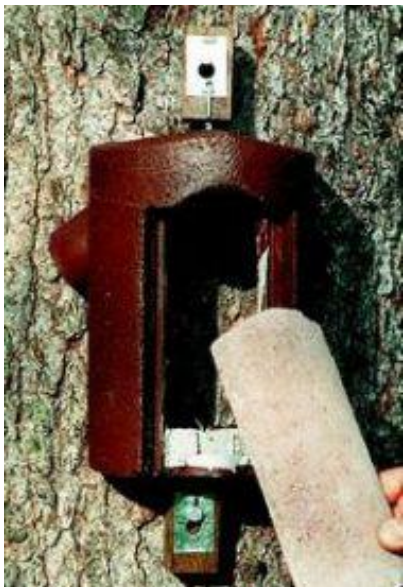
Very suitable for the following birds: great-, blue, marsh, coal and crested tit; also common redstart, nuthatch, pied flycatcher, wryneck, tree- and house sparrow, and bats.

Protection against cats and martens is given with a protruding entrance. Nevertheless, sight of the brooding chamber is not impaired for control and cleaning.

Material: wood concrete

Entrances available:

- Round 34 mm
- Oval 32 x 45 mm
- Round 45 mm



Article- Nr.: V-0301

Treecreeper Nest

Without detachable front wall

32.49 € per piece

incl. 19 % VAT. plus delivery

Ex- stock

Article types:

With detachable front wall	36.89 €
Without detachable front wall	32.49 €

Article Description

Special nesting boxes for the tree creeper and the short- toed tree creeper.

As both species like contact with a tree trunk, the tree creeper nests are half- shell shaped. Thus, the side to the tree trunk is open and the tree creeper can search for insects with its forceps beak.

The treecreeper nest with detachable front wall enables easy control and cleaning. It is hung on two aluminium nails.

The tree creeper nest without a detachable front wall can be completely folded away from the tree trunk. It is hung on an aluminium nail and also bound to the tree with wire. Thus, the upper and lower sealing lips press against the rough bark and prevent water ingressing.

- Material: wood concrete
- Colour: classical brown



Article- Nr.: V-04

Sparrow Colony

88.54 € per piece

incl. 19 % VAT. plus delivery

Ex- stock

Article Description

Very suitable for the following birds: house-, and tree sparrow, also the black redstart.

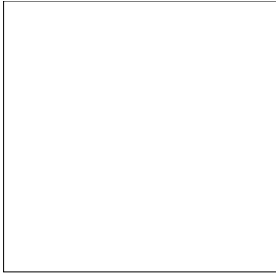
Material: wood concrete.

External dimensions: height 24.5 x width 43 x depth 20 cm.

Breeding chamber dimensions: the three breeding chambers are each: height 16 x width 10.5 x depth ca. 15 cm.

Weight: ca. 15 kg

Colour: body light grey, front wall in a light brown tone.



Article- Nr.: V-0501

Wren Ball with Marten Protection

Ivy green

44.51 € per piece

incl. 19 % VAT. plus delivery

Ex- stock

Article types:

Autumn light red	44.51 €
Ivy green	44.51 €

Article Description

The ball shaped nesting box provides the wren with the special nesting opportunity necessary for rearing its brood.

Material: wood concrete

Overall dimensions:

- Ball diameter: ca. 18.5 cm
- Entrance hole: 30 x 27 mm
- Suspension length: ca. 20 cm

Colour options:

- Ivy green
- Autumn light red



Article- Nr.: V-0601

Swallow Nest

house martin's nest

37.60 € per piece

incl. 19 % VAT. plus delivery

Ex- stock

Article types:

Facade nest	98.77 €
Barn swallow's nest	21.42 €
house martin's nest	37.60 €

Article Description

House Martin's Nest

As the house martin is a very social animal double nests find better acceptance. The nest should be installed on the outside wall under the eaves at a height of at least two metres.

Material: breeding cup of wood concrete and angled formaldehyde- free chipboard.

Dimensions: height: 11 cm, length: 46 cm, depth: 14 cm

Weight: ca. 2.7 kg

Facade Nest:

Also especially for house martins. It should also be fixed at a height of at least two metres.

Material: wood concrete

Dimensions: height 17.5 x width 43.0 x depth 17.5 cm

Weight: ca. 6.25 kg

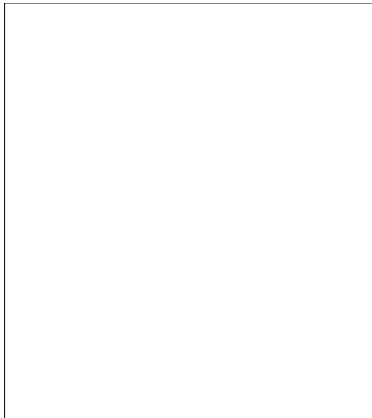
Barn Swallow's Nest:

Although the barn swallow is also a social animal the nests should be hung individually and at least one metre from each other.

Material: breeding cup of wood concrete and formaldehyde- free chipboard.

Dimensions: height: 11 cm, length: 25 cm, depth: 14 cm

Weight: ca. 2.7 kg



Article- Nr.: V-07

Kestrel Nest

151.25 € per piece

incl. 19 % VAT. plus delivery

Ex- stock

Article Description

The kestrel preys on small ground animals. It is very popular with farmers as ca. 85% of its prey are field- and other mice. The kestrel is a very territorial bird.

Installation: on individual trees, quiet forest edges, barns, power pylons, silos etc. In urban areas the following are recommended: large structures such as high walls, chimneys, industrial buildings, churches etc.

Installation height: 6 to 8 metres.

Direction of opening: southeast or wind- protected direction.

Dimensions:

- Overall dimensions: width 36 cm, depth 30 cm, height 41 cm



Article- Nr.: V-0801

Peregrine Falcon Nest

Nesting box for peregrine falcons

1832.60 € per piece

incl. 19 % VAT. plus delivery

Ex- stock

Article types:

Brackets for peregrine falcon nesting box	833.00 €
Nesting box for peregrine falcons	1832.60 €

Article Description

The peregrine falcon is a welcome guest in our cities because it preys exclusively on birds and sets wild city pigeons under heavy pressure. It is therefore the most natural and cheapest method of controlling pigeons.

Installation: e.g. quarries or high structures such as towers, silos, high- rise buildings, industrial buildings, or motorway bridges (e.g. at/ on the abutments).

Height: from 25 – 30 m upwards, as a rule

Direction: in an easterly or northerly direction have proved satisfactory

Material: special, high- strength, reinforced light- weight concrete

Dimensions and weight:

- Overall dimensions: depth 130 x width 80 cm height 73 cm
- Internal dimensions: depth 72 x width 67 x height 54 cm
- Box weight: ca. 260 kg

Scope of supply:

- Box with integrated drainage holes
- Removable inspection flap
- Perch

Optional accessories:

- Wall mounting bracket (article number :V-0802)



Article- Nr.: V-0901

Swift Nest

Basic

130.42 € per piece

incl. 19 % VAT. plus delivery

Ex- stock

Article types:

Threefold	352.95 €
Basic with breeding area extension	136.85 €
Basic	130.42 €

Article Description

The swift is threatened with extinction. It prefers to live in colonies. Therefore, the installation of several nesting boxes is recommended.

Installation: on exterior facades or close to the roofs of any type of building.

Installation height: at least 6 – 7 metres above the ground. Clear access must be ensured.

Material: asbestos- free fibre reinforced concrete and wood concrete. Galvanised installation fittings.

Dimensions and weight of basic type:

- Overall dimensions: height 15 x depth 15 x length 34 cm
- Internal dimensions: 14 x 14 cm
- Weight: ca. 3.1 kg

Dimensions and weight of threefold type:

- Overall dimensions: height 15 x depth 15 x length ca. 90 cm
- Weight: ca. 7.1 kg

Dimensions and weight of basic with extended breeding area:

- Overall dimensions: height 15 x depth 21 x length 34 cm
- Breeding area dimensions: height 14 x depth 20 cm x length 30 cm
- Weight: ca. 4.6 kg



Article- Nr.: V-15

Bird Covers for Overhead Wires

Straight model, black

88.89 € per piece

incl. 19 % VAT. plus delivery

Ex- stock

Article types:

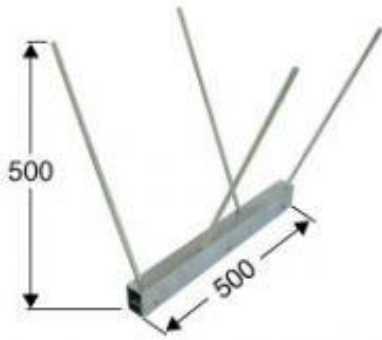
Angled model, black	99.42 €
Fastening band	1.17 €
Straight model, black	88.89 €

Article Description

SBird covers for post insulators made of weatherproof plastic prevent contact with live wires.

Technical Data:

- Covers are suitable for all insulator head diameters up to 130mm.
- PE material with high weather resistance and high insulation capacity.
- Tested in wind tunnels at wind speeds up to 250km/ h.
- Shaping and bellows ensure optimal form.
- Quick attachment with included mounting straps
- Straps are self- locking and fit via continuous tension
- Easy to remove, if necessary



Article- Nr.: V-17

Bird Scarer

Spiked Spacer

60.69 € per piece

incl. 19 % VAT. plus delivery

Ex- stock

Article Description

Bird scarer for medium voltage overhead lines, particularly for pylons with broad, grounded crossbeams

Technical Data:

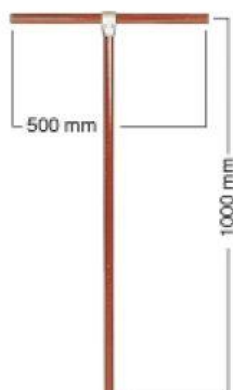
- Optimal protection for birds of prey with large wingspans.
- Simple installation on concrete and steel trusses with straps or clamps.
- For storage and transport, the fiberglass- reinforced polyester rods are housed in an aluminum support tube.
- Should maintenance on the underlying beam be necessary, the rods can be removed from the aluminum support tube and stored therein.

dimensions:

- Width: 500mm
- Height: 500mm

Accessories

Bird Scarer [V-16], Clamp 85mm [V-17-02], Steel tape for bird scarer "Spiked Spacer" [V-17-0301]



Article- Nr.: V-18

Bird Perch

Polyester tube, 500mm long

148.16 € per piece

incl. 19 % VAT. plus delivery

Ex- stock

Article types:

Polyester tube, 1500mm long	283.82 €
Polyester tube, 500mm long	148.16 €

Article Description

Bird perch for pylons, consisting of fibreglass- reinforced polyester rod; 30mm diameter, 500mm length.

Mounting with:

2 Mounting clips (Product No. V-21), or

1 Clamp (Product No. V-20) per rod

2 rods required for each pylon.

Bird perch for pylons, consisting of 2 fibreglass- reinforced polyester rods; 30mm diameter, 1500mm length..

Mounting with:

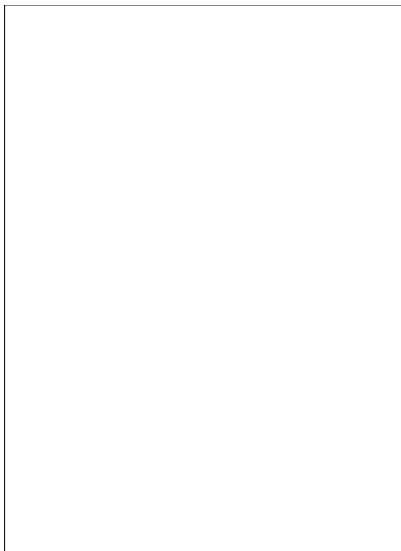
4 Mounting clips (Product No. V-21), or

2 Clamps (Product No. V-20)

Other dimensions available - please contact us directly to learn more.

Accessories

Clamp 190 x 180mm [V-20], U-clamp for 30mm tubes [V-21]



Article- Nr.: V-19

Bird Landing Pad

Polyester profile, 500mm long

179.04 € per piece

incl. 19 % VAT. plus delivery

Ex- stock

Article types:

Polyester profile, 3000mm long	458.03 €
Polyester profile, 4000mm long	527.82 €
Polyester profile, 500mm long	179.04 €

Article Description

Bird landing place for pylons and cross- beams, constructed from sanded, fibreglass- reinforced polyester, with 30mm support rod of same.

Mounting with:

Bird Landing Pad, 500mm length:

1 Clamp (Product No. V-20)

Bird Landing Pad, 3000mm and 4000mm lengths:

2 Clamps (Product No. V-20)

Other dimensions available - please inquire directly for more information.

Accessories

Clamp 190 x 180mm [V-20], U-clamp for 30mm tubes [V-21]



Article- Nr.: C-29

Parasite Determination

46.41 € per piece

incl. 19 % VAT. plus delivery

Ex- stock

Article Description

If you have a bird's nest on your house and want to know if you have a parasite infection send us a sample.

We will determine the parasite and send you the results together with treatment recommendations.

The most common parasites that can also infect humans are:

- Pigeon ticks
- Bird fleas
- Bird mites



Article- Nr.: C-3301

Bird Balls hollow

100 mm, 1 unit= 100 pieces, air- filled

from 76.42 € per unit

incl. 19 % VAT. plus delivery

Ex- stock

Prices:	
Up to 5.000 pieces	111.38 €
Basic price: 1.11 € pro pcs	
From 5.000 pieces	90.50 €
Basic price: 0.90 € pro pcs	
From 25.000 pieces	76.42 €
Basic price: 0.76 € pro pcs	

Order a sample!

Article types:

100 mm, 1 unit= 100 pieces, water- filled	from 78.90 €
100 mm, 1 unit= 100 pieces, air- filled	from 76.42 €

Article Description

Hollow balls for covering large areas of fire fighting- and rain water reservoirs on or close to airports. Water reservoirs attract birds. This can be effectively prevented by covering with hollow balls, which make the airports less attractive to birds.

Blowing away in the wind is prevented by mixing air- and water filled balls. The ratio should be ca. 70:30.

The balls are spread on the surface and cover reliably ca. 90% of the surface.

- Dimensions: 100 mm diameter
- Weight: 46 g (air- filled), 250 g (water- filled)
- Material: HDPE, black, UV- stabilised
- Cover: ca. 116 pieces/ m2
- Life: at least 10 years under normal conditions
- 1 unit= 100 pieces

Hollow balls are also used to deny birds access to toxic waters. In the agricultural sector large seas with fish farms can be protected from cormorants etc.

Accessories

Dachrinnenclips, 100 Stück [S-09], Spezialkleber [S-1101], Bitumenklebeband [S-17]

Airports

Depending on size and number, birds can become a risk for aircraft. The solutions listed here are used on airports for professional birdstrike hazard management.



Article- Nr.: A-11

Robop

5712.00 € per piece

incl. 19 % VAT. plus delivery

Delivery in 5-7 working days

Article Description

- Robop is a falcon decoy with movement mechanisms which perfectly imitate a peregrine falcon. The decoy moves its head, wings and the whole body at irregular intervals – controlled by an integrated microprocessor. An additional repelling effect is achieved with typical falcon cries of 85 dB. Robop is only active during the day due to a light sensor.
- The decoy is positioned as high as possible above the problem area. It should be positioned as visible as possible. To reduce the habituation effect Robop must be repositioned ca. every two weeks.
- Dimensions:
 - Length: 560 mm
 - Height: 370 mm
 - Width: 190 mm
 - Maximum wing span: 500 mm
- Included in the delivery:
 - Robop- Roboter including internal, rechargeable NiMH battery
 - Connection cable and charger for external power supply

Accessories

Fixed Mounting Base for Robop [A-12], Rotating Arm Base for Robop [A-13]



Article- Nr.: A-3401

Birddrone

Birddrone Eagle

4576.92 € per piece

incl. 19 % VAT. plus delivery

Delivery in 5-7 working days

Article types:

Birddrone red	4576.92 €
Birddrone Eagle	4576.92 €

Article Description

- The Birddrone is a flying bird of prey decoy, which is operated with a remote control.
- In addition, the dummy is an acoustic device that can be submitted with predator calls. The control is done via the remote control.
- The flight time per charge is approximately 15 minutes.
- Weight: 5kg
- Wingspan: 1.20 m
- The package includes:
 - Birddrone
 - remote control
 - rechargeable batteries
 - Charger for batteries

Um diesen Film anzuzeigen muss Javascript aktiviert
und der **Flash Player** installiert sein.

Accessories

Fixed Mounting Base for Robop [A-12], Rotating Arm Base for Robop [A-13]



Article- Nr.: K-0501

Raptor - Devices

R 28

517.65 € per unit

incl. 19 % VAT. plus delivery

Ex- stock

Article types:

R31	630.11 €
R35v2	869.30 €
R42	767.55 €
R35solar	1499.40 €
R 28	517.65 €

Article Description

The principle of this acoustic system is to repel birds away from the areas to be protected by imitating their natural enemies.

It functions by playing six different sounds for 10 seconds in random order.

A frequency range of 300 to 4000 Hz is achieved. This is optimised specifically for the range of audibility of birds and mammals. Up to 120 db is measured at a distance of one metre from the speaker in the direction of the speaker.

The raptor system is specifically designed to repel birds or wild animals away from agricultural or industrial areas.

Advantages:

- High effectiveness
- Easy installation
- Easy to use
- Flexibility
- Reliability

Raptor R28 and R31

The **R 31** is perfect for smaller areas. It's also characterised by a good directionality, which means that the volume in the direction of the speaker is very loud, however the volume is much quieter from the sides and rear of the speaker. This allows specific areas to be targeted and prevents the sound from travelling into surrounding areas.

The **R 31** can be easily combined with noise protection barriers.

Also with reduced functionality as a cost-effective entry-level model **R 28** available (no random interval, 6 sounds)

Settings

The interval between the individual sounds (between 1 and 30 minutes) can be easily changed. Also, the volume can be adjusted if necessary.

Power source

The devices are powered by rechargeable 12- volt batteries (e.g., a car battery with at least 36 Ah). The battery is not included in the delivery.

HP- Filter

The devices have "High- Pass Filters". If necessary, this can be used to reduce the sound burden by filtering out deep, wide- reaching frequencies.

Night- and- day regulation

At sunset, the device automatically shuts off. The start time is adjustable: Sunrise at 6:15, 7:00 or 7:45 a.m.

Sound- chip:

- **R31:** this chip uses exclusively natural bird- sounds, therefore its optimal near residential areas. (scrub- jay call, owl call, falcon call, osprey call, hawk call 1, crow warning call, starling warning call 2, tawny- owl call)
- **R28:** 6 sounds (scrub jay, buzzard, 3 x different hawks, starling)

Raptor R35v2 and R35solar

The R35 designed for large areas. The device covers a broad area with both loudspeakers. This model is only conditionally applicable near residential areas. To achieve directionality similar to that of the R31 or R42, the speakers can be installed parallel to each other (or set at a desired angle).

Settings

The interval between the individual sounds (between 1 and 30 minutes) can be easily changed. Also, the volume can be adjusted if necessary.

Power source

The devices are powered by rechargeable 12- volt batteries (e.g., a car battery with at least 36 Ah). The battery is not included in the delivery.

HP- Filter

The devices have "High- Pass Filters". If necessary, this can be used to reduce the sound burden by filtering out deep, wide- reaching frequencies.

Night- and- day regulation

At sunset, the device automatically shuts off. The start time is adjustable: Sunrise at 6:15, 7:00 or 7:45 a.m.

Sound chip:

the R35 is equipped with a double- soundchip DSC 8B-8A, select by switch the suitable soundchip 8A or 8B

Raptor R 42

Thanks to the high- power amplifier, the RAPTOR R42 has a very wide acoustic range (similar to the R35). This model also has excellent directionality, and allows for easy targeting of specific areas. Therefore, the R42 can be used at a lower volume near residential areas. The R42 can be easily combined with noise protection barriers.

Settings

The interval between the individual sounds (between 1 and 30 minutes) can be easily changed. Also, the volume can be adjusted if necessary.

Power source

The devices are powered by rechargeable 12- volt batteries (e.g., a car battery with at least 36 Ah). The battery is not included in the delivery.

HP- Filter

The devices have "High- Pass Filters". If necessary, this can be used to reduce the sound burden by filtering out deep, wide- reaching frequencies.

Night- and- day regulation

At sunset, the device automatically shuts off. The start time is adjustable: Sunrise at 6:15, 7:00 or 7:45 a.m.

Sound chip: 8B

The sounds are primarily optimised for bird control but are also suitable for repelling wild animals. Intended for use far from residential areas. (Hawk call 1, Dog barking, Starling warning call, Falcon call, Firing sounds, Propeller aircraft, Hawk call 2, Buzzard call)

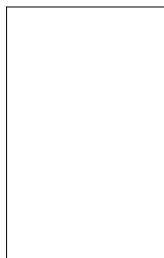
The following models are available on request. Please inquire [HERE](#).

Raptor R 56 remote

The RAPTOR remote offers operator- activated acoustic bird control that is perfectly adjusted for each individual situation. Through needs- oriented activation of sound, the effectiveness is dramatically increased and noise control is also improved since the device is activated much less frequently.

Additionally, automatic operation modes are also available to use if the operator is not present.

The RAPTOR R56 remote has a very large acoustic range due to the high power amplifier and two large horn speakers. These can be installed any angle. The design is very robust, with a sealed aluminium casing for the electronic components.



Automatic operation

The R56 remote offers two automatic modes, in addition to the user- activated function:

"Slow automatic": Automatic operation from morning to evening (Four starting times)

"Fast Automatic": Automatic operation initiated by remote signal

Settings

The interval between the individual sounds (between 1 and 30 minutes) can be easily changed. Also, the volume can be adjusted if necessary.

Power source

The devices are powered by rechargeable 12- volt batteries (e.g., a car battery with at least 36 Ah). The battery is not included in the delivery.

HP- Filter

The devices have "High- Pass Filters". If necessary, this can be used to reduce the sound burden by filtering out deep, wide- reaching frequencies.

Night- and- day regulation

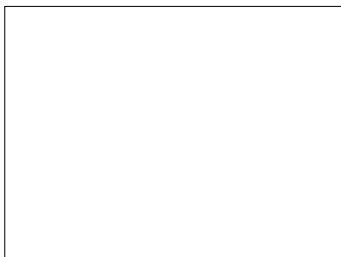
At sunset, the device automatically shuts off. The start time is adjustable: Sunrise at 6:15, 7:00 or 7:45 a.m.

Sound chip: 8B

The sounds are primarily optimised for bird control but are also suitable for repelling wild animals. Intended for use far from residential areas. (Hawk call 1, Dog barking, Starling warning call, Falcon call, Firing sounds, Propeller aircraft, Hawk call 2, Buzzard call)

Raptor R 56 solar

The R56 is an extremely powerful device with a high power amplifier and two large horn speakers. The loudspeakers can be set at any desired angle. The construction is very robust with sealed aluminium casing for the electronic components. Due to the volume level, this model should not be used near residential areas. The high power of the device naturally indicates higher energy consumption, and the automatically operated R56 is therefore equipped with 6W or 20W solar power capability. This charges the 12V battery and significantly reduces the recharging burden. The R56 can also be delivered in various configurations. Please enquire about this possibility.



Settings

The interval between the individual sounds (between 1 and 30 minutes) can be easily changed. Also, the volume can be adjusted if necessary.

Power source

The devices are powered by rechargeable 12- volt batteries (e.g., a car battery with at least 36 Ah). The battery is not included in the delivery.

HP- Filter

The devices have "High- Pass Filters". If necessary, this can be used to reduce the sound burden by filtering out deep, wide- reaching frequencies.

Night- and- day regulation

At sunset, the device automatically shuts off. The start time is adjustable: Sunrise at 6:15, 7:00 or 7:45 a.m.

Sound chip: 8B

The sounds are primarily optimised for bird control but are also suitable for repelling wild animals. Intended for use far from residential areas. (Hawk call 1, Dog barking, Starling warning call, Falcon call, Firing sounds, Propeller aircraft, Hawk call 2, Buzzard call)



Article- Nr.: K-03

Bird Gard - Devices

Bird Gard PRO STANDARD

536.40 € per unit

incl. 19 % VAT. plus delivery

Ex- stock

Article types:

Bird Gard PRO PLUS	918.00 €
Bird Gard SUPER PRO	1520.99 €
Bird Gard SUPER PRO PA4	1107.01 €
Bird Gard SUPER PRO AMP	5783.40 €
Bird Gard PRO STANDARD	536.40 €

Article Description

Bird Gard acoustic bird control devices repel birds with predator calls, distress calls and other electronical sounds.

Integrated microchip store up to eight different calls, which can be alternated depending on possible habituation effects of the birds to be deterred. Switches at the devices allow to change the sequence of the calls, the pause length and the calls itself. The digital features guarantee a low power consumption and a consistent quality of the emitted calls.

The pause lengths can be set in four time spans between 17 seconds and 30 minutes. The devices can automatically be switched off and on depending on daylight with an integrated photocell.

The power and loudness of the devices must be adjusted to the residential area. The devices may only be operated with a minimum distance of 100m to the next residential area (regulation applies to Germany). All devices can be powered by an autobattery (not included). Alternatively an adapter is also available.

Effect against:

Bird Gard PRO Standard, Bird Gard Pro Plus and Bird Gard Super PRO are effective against gulls, starlings and pigeons.

Bird Gard Super PRO PA4 are effective against Grey Heron, Great Blue Heron, Great Horned Owl, Great Egret, Great Cormorant, Common Gull, Wild Turkey, Snowy Egret, Black- crowned Night Heron, Jackdaw, Carrion Crow, Canadian Geese and Rooks.

Depending on the area, which you would like to cover, the appropriate version of the Bird Gard devices is available:

Bird Gard Pro Standard

- Coverage up to 0.5 hectares
- Integrated speaker
- Frequency: 2.000 – 5.000 Hz

- Frequency: 2.000 – 5.000 Hz
- Connection to a further external speaker possible
- Installation on a stainless steel holder
- Powered by a 12 volt battery (not supplied)
- Dimension: 26 x 11.4 x 9.5 cm
- Weight: 439 gr.

Bird Gard Pro Plus

- Coverage up to 1.2 hectares
- Weather- proof plastic housing
- 2 amplifier stages
- Frequency: 2.000 – 5.000 Hz
- Connection to external speakers possible with sockets
- Installation on a stainless steel holder
- Powered by a 12 volt battery (not supplied)
- Dimension: 15.4 x 14.6 x 8.9 cm
- Weight: 540 gr.
- Scope of Delivery:
2 amplifiers, 2 speakers each with 30m cable

Bird Gard SUPER PRO

- Coverage up to 2.4 hectares
- Weather- proof plastic housing
- 4 amplifier stages
- Frequency: 2.000 – 5.000 Hz
- Plug- in memory chip
- Connection to further four external speakers possible with sockets
- Installation on a stainless steel holder
- Powered by a 12 volt battery (not supplied)
- Choice of settings, all speakers, only one, or the speakers alternating
- Dimension: 22.5 x 20 x 13 cm
- Weight: 1.5 kg.
- Scope of Delivery:
4 amplifiers, 4 speakers each with 30m cable, 3 metre battery cable

Bird Gard SUPER PRO PA4

- In contrast to the Bird Gard SUPER PRO, the SUPER PRO PA4 is more for the repelling of game and ravens.
- Coverage up to 0.5 hectares
- Weather- proof plastic housing
- Broadband amplifier
- Plug- in memory chip Sockets for connecting four external speakers at the amplifier
- 1 broadband speaker with 15 m cable
- Installation using a stainless steel holder
- Powered by a 12 volt battery (not supplied)
- Dimension: 22.5 x 20 x 13 cm
- Weight: 1.5 kg.
- Scope of Delivery:
1 broadband amplifier, 1 broadband speaker with 15m cable, 3 metre battery cable

Bird Gard SUPER PRO AMP

- This system is particularly suitable for airports.
- Coverage up to 16 hectares
- Weather- proof plastic housing. Working temperature: -20°C (-4° F) up to +40°C (104°F)
- 2 high performance amplifiers
- Tower with 20 speakers
- Plug- in memory chip
- Solar panel included
- Powered by a 12 volt battery (not supplied). Power requirement: 3A
- The system is maintenance free when operated with solar panel and battery
- Does not operate with AC adapter
- Measurements:
 - Loudspeaker box: 40 x 270 x 270mm
 - Control panel: 285 x 200 x 145mm
 - Solar panel: 640 x 540 x 50mm
- Weight:
 - Loudspeaker box: 5.0kg
 - Control panel: 1.5kg
 - Solar panel: 4.5kg
- Scope of Delivery:
 - 2 high performance amplifiers, 1 tower with 20 speakers, 3 metre battery cable, solar panel

Accessories

Extension Speakers [K-03-05], Extension Speakers [K-03-06], Power Supply [K-03-07],
Prolongation cable (50 meters) [K-03-08], Timer [K-03-09], Solarpanel [K-03-12]



Article- Nr.: K-01

PURIVOX - Devices

Triplex V

940.79 € per set

incl. 19 % VAT. plus delivery

Ex- stock

Article types:

Karussel Triplex V	862.80 €
Razzo Triplex V	956.40 €
Triplex V	940.79 €

Article Description

Bird scarer with 3-shot technique for bird and wildlife defense.

The 3- way shot is therefore the best method, because it is the best way to get the birds away. By the first shot the birds fly a little bit up, if now would come no further shot they would land again and start eating again. But as soon the birds have started to fly a little bit up, the second shot will be fired by the Purivox Carousel Triplex V. Now the birds fly even higher and short after this the third and last shot will be fired to scare the birds finally away!

The **Purivox - Devices** are used in:

- Vineyards and orchards
- Fish breeding farms
- Industrial facilities
- Airports
- Agricultural
- Landfills

PURIVOX Triplex V

A stationary sonic blast- shock cannon unit with a 3- way shot.

Due to its design, this device can be readily transported.

The unit comes with two 6 volt batteries, needed to operate the unit.

Gas bottle not included in the package.

The PURIVOX Triplex V can be transported without any problems.

Noise emission: ca. 86db

Protected area: in the shooting direction ca. 1 – 2 hectares

Dimensions: 100 x 47 x 18,5 cm

Weight: 10 kg

PURIVOX Karussell Triplex V

A sonic- shock scarer with an automatic multi- directional 3- way shot.

The cannon and the electronics unit are mounted on a tripod at an effective standard height of 2m. Greater heights are available on request.

Each shot in the 3- shot sequence is fired in a different direction through the recoil action of the cannon which transverses on the tripod. Through multi- directional shot, each shot produces a different magnitude/ volume which supports shock effectiveness.

Even solitary animals, which are react more strongly to visual stimuli (movement) react to this device 's cannon and movement.

The unit comes with two 6 volt batteries, needed to operate the unit.

Gas bottle not included in the package.

Noise emission: 90 or 96db

Protected area: in the shooting direction ca. 4 – 5 hectares

Dimensions: 130 x 220 x 130 cm

Weight: 13 kg

PURIVOX Razzo Triplex V

An effective visual animal repellent with an electronically controlled three- way shot.

The vertical cannon shoots a flutter or bird- of- prey dummy along a vertical antenna. Gravity then returns the dummy.

With simple shot cannons, individual birds such as blackbirds, thrushes and herons can only be scared away for short periods of time.

But because these birds will instinctively try to save themselves, they react more strongly to movement (cats, birds of prey etc.) rather than shots.

The combination of acoustic blast- shock and visual fright makes the PURIVOX Razzo Triplex V the most effective of all bird shock device.

The effective impact area is approximately 1ha.

The unit comes with two 6 volt batteries, needed to operate the unit.

Gas bottle not included in the package.

Noise emission: ca. 86db

Protected area: in the shooting direction ca. 4 – 5 hectares

Dimensions: 16 x 650 cm

Weight: 15 kg

Accessories

PURIVOX mirror pyramid for carousel Triplex V [K-01-04]



Article- Nr.: K-01-01

PURIVOX Karussel Triplex V

1040.39 € per set

incl. 19 % VAT. plus delivery

Ex- stock

Article Description

Automatic, electronic triple- shot bird scarer, whereby every shot fired is aimed in a different direction.

The clear height of the tri- pod mounted barrel and electrical unit is 2 metres.

Even animals that are more likely to respond to motion are repelled by the combination of crack and the rotating motion. Therefore, the Karussel is also used to repel geese.

Protected area: ca. 4 – 5 hectares.

Accessories

PURIVOX mirror pyramid for carousel Triplex V [K-01-04]



Article- Nr.: K-1801

UltraSon

Classic

843.41 € per piece

incl. 19 % VAT. plus delivery

Ex- stock

Article types:

Solar	1310.64 €
Classic	843.41 €

Article Description

UltraSon is working with high acoustic hearable waves and ultrasound waves of 2 - 30 kHz. This frequency is entirely steered through, what produces a corresponding effect in the breadth. This high-sound- acoustic and hearable waves of over 105 dB combined with ultrasound produces a high grade sound effect.

- UltraSon must be placed in time before the fruits are ripening. With too late appointment of UltraSon, varmint mostly already have the taste of ripe grapes, cherries etc., so it is more difficult to chase them away.
- At first you have to decide, what kind of animals or birds have to be chased away. You can influence forest birds, forest animals and starlings in a different way. Each kind of animal demands a special action which our UltraSon executes.
- One loudspeaker box has an effect in the breadth of 100m. When you have larger surfaces you must use additional loudspeakers (K-1804).
- The loudspeaker box must be fixed about 2 metres above the vines or trees.
- The aim of UltraSon is to disturb the animals at their resting and sleeping place and to interrupt their flight route between resting place and feeding area.

Defense against wild boars, badger, deer, magpies, sparrows, crows and other animals living in the forest.

Installation:

Please install UltraSon loudspeakers alongside the crop. For every 100 meters length you will need one triple loudspeaker. You can extend the base no. K-1801 with maximum 2 piece triple loudspeaker no. K-1804.



Power supply:

To operate at full power UltraSon will need a car battery with 12 V and minimum 36 Ah which provides energy for about 40 days for the base only.

UltraSon has a day- night-automatic. It switches on in the morning and off in the evening. Operation just at night (for wild boars, deer, badger) is also possible with the night switch.

The frequency is adjustable.

There are two different versions:

• **Ultrason Classic (Currently not available!)**

-
- - Weatherproof case with built- in automatic control
 - 3 pieces of piezo high frequency emitter
 - Twilight sensor (turns off automatically in the evening and the morning)
 - Night mode controller
 - 2 - 30 kHz frequency controller
 - Interval and time interval control
 - Battery status indicator
 - 2 connectors for speaker K-1804 or K-1805
 - Battery Cable 3m
 - Power supply: Car battery (min. 36 Ah) or 12V/220V power supply (Article K-1807) (not included)

• **Ultrason solar**

-
- - See above (Ultrason Classic)
 - Additional features: **Integrated clock (DCF77 radio clock)**
 - several periods over the 24-day on and off
 - automatic time setting
 - Power supply: Car battery (min. 36 Ah) or 12V/220V power supply (Article K-1807) or solar tower (K-1803) (not included)
 - **Solar- Tower** for power supply is included
 - alternative power supply: Car battery (min. 36 Ah) or 12V/220V power supply (Article K-1807)

Ultrason is a german quality product and successfully for over 20 years in use!

Accessories

Solarpanel [K-1803], Additional Speaker Box [K-1804], Additional Speaker [K-1805], Clamp set [K-1806], Power supply 220V / 12V [K-1807], Power supply 220V / 12V (Swiss socket) [K-1808], Power supply 12V [K-1809]



Article- Nr.: A-17

Scarey Man

Scarey Man Multi- Use Version

922.40 € per piece

incl. 19 % VAT. plus delivery

Ex- stock

Article types:

Scarey Man Version Day	881.49 €
Scarey Man Multi- Use Version	922.40 €

Article Description

- The scarecrow Scarey- Man is an automatic bird deterrent, which has been developed especially for the use in agriculture, airports and landfill sites.
- The scarecrow is useful against pigeons, crows, starlings, seagulls and even against deer. It covers an area of 1-4 hectar.
- The "straw man" consists of a 1.8m high and weather- proof puppet, a plastic base with an air pump, a sirene and a lamp. The scarecrow is automatically pumped regularly (standard is every 18 min), while emitting scaring sounds and flash lights (only with multi- use version).
- **There are two different versions:**
 - Day Version (works only during day, turns on with sunrise and off with sunset)
 - Multi- Use Version (working time can be adjusted, either only during day, only during night or 24 hours)
- Except battery exchange, no maintenance is necessary.
- Scope of delivery: Scarey- Man incl. Sirene, lamp (only with multi- use version) and control unit. The battery is not included.

Accessories

Timer for Scarey Man [A-1703], Replacement cover for Scarey Man [A-1704],
Battery charger for Scarey Man [A-1705]



Article- Nr.: O-0301

Bird Control Balloon

Yellow Version

12.97 € per piece

incl. 19 % VAT. plus delivery

Ex- stock

Article types:

White Version	12.97 €
Black Version	12.97 €
Yellow Version	12.97 €

Article Description

Evil Eye Balloon:

This printed vinyl balloon is suspended on a rod in or above the area to be protected. It can also be effectively used in small gardens or on individual fruit trees.

In addition to the frightening predator eyes the silver and red glittering (imitating flames) tail strips have a repelling effect.

A balloon, that is hung higher than the object to be protected, has an effective radius of ca. 40 m.

Technical data:

diameter: 400mm

Time for installation: 5min

Material: PVC with imprint

additional welded attachment element

Foil fire strip in silver/ red

Applications:

Small gardens, fish farms, industrial buildings, landfill sites, farms, vineyards...

Effective against:

Pigeons, sparrows, starlings, blackbirds, crows, geese, seagulls, herons and cormorants

Scarecrow turbine:

This scarecrow combines the deterrent effect of a predator and reflecting light. The natural warning colours printed on the turbine panels trigger even with a light wind the instinct to flee.

Even when it is calm and the turbine does not turn the eyes have a repelling effect.

When turning, the two eyes constantly change their viewing direction. The eyes are always moving and irritate and frighten approaching birds.

This article is completely noise- free and is particularly suitable for use in populated areas.

It is recommended to set- up the scarecrow turbine in a colour- mix at a distance of ca. 150 m above the field.

The turbine (red) consists of a spinnaker and glass fibre. Dimensions: 142 cm high/ 42 cm diameter.

Applications:

Orchards, Fish- and poultry breeding, small gardens and airports

Effective against:

Pigeons, starlings, crows, herons, gulls, geese, blackbirds and deer



Article- Nr.: O-08

Scarecrow turbine

46.86 € per Stück

incl. 19 % VAT. plus delivery

Delivery in 5-7 working days

Article Description

This scarecrow combines the deterrent effect of a raptor and the reflection of light. The printed in the warning colors of nature turbine panels solve even with little wind out of an innate instinct to flee.

Even if the windless turbine does not rotate, producing printed eyes a deterrent.

By turns both eyes constantly change their viewing direction. The eyes are always on the move and irritate and frighten the birds already in the approach.

This article is completely noise- free and is suitable for use in areas near the settlement.

It is recommended to set up the scarecrow turbine in a color mix with a distance of 150 meters in the field.

The turbine (red) consists of Spinnaker and fiberglass.

Dimensions: 142cm high / 42cm diameter

Fields of application:

Orchards, fish and poultry farming, gardening, airports

Effective against:

Pigeons, starlings, crows, herons, gulls, geese, blackbirds, deer

Article- Nr.: O-13

Crop Gard

170.47 € per Stück

incl. 19 % VAT. plus delivery

Delivery in 5-7 working days



Article Description

This scarecrow combines the deterrent effect of motion and the reflection of light. The printed in the warning colors of nature slices solve even with little wind out of an innate instinct to flee.

Even if the turbine doesn't rotate, creating the colors and reflection bands as a deterrent.

The rotatable mounting the disks in light air in motion and irritate and frighten the birds already in the approach.

This article is completely noise-free and is suitable for use in areas near the settlement.

For larger areas we recommend several Crop Gards with a distance of about 100-150 m to set up.

Dimensions: 140cm high / 60cm diameter

Weight: 6 kg

Fields of application:

Orchards, fish and poultry farming, gardening, airports

Effective against:

Pigeons, starlings, crows, herons, gulls, geese, blackbirds, deer



Article- Nr.: C-3301

Bird Balls hollow

100 mm, 1 unit= 100 pieces, air- filled

from 76.42 € per unit

incl. 19 % VAT. plus delivery

Ex- stock

Prices:

Up to 5.000 pieces	111.38 €
Basic price: 1.11 € pro pcs	
From 5.000 pieces	90.50 €
Basic price: 0.90 € pro pcs	
From 25.000 pieces	76.42 €
Basic price: 0.76 € pro pcs	

Order a sample!

Article types:

100 mm, 1 unit= 100 pieces, water- filled	from 78.90 €
100 mm, 1 unit= 100 pieces, air- filled	from 76.42 €

Article Description

Hollow balls for covering large areas of fire fighting- and rain water reservoirs on or close to airports. Water reservoirs attract birds. This can be effectively prevented by covering with hollow balls, which make the airports less attractive to birds.

Blowing away in the wind is prevented by mixing air- and water filled balls. The ratio should be ca. 70:30.

The balls are spread on the surface and cover reliably ca. 90% of the surface.

- Dimensions: 100 mm diameter
- Weight: 46 g (air- filled), 250 g (water- filled)
- Material: HDPE, black, UV- stabilised
- Cover: ca. 116 pieces/ m2
- Life: at least 10 years under normal conditions
- 1 unit= 100 pieces

Hollow balls are also used to deny birds access to toxic waters. In the agricultural sector large seas with fish farms can be protected from cormorants etc.

Accessories

Dachrinnenclips, 100 Stück [S-09], Spezialkleber [S-1101], Bitumenklebeband [S-17]

Other products

Other products list disinfection devices, bird slides and birdcontrol products for special occasions.



Article- Nr.: C-0201

Bird Slide

Bird Slide made of Aluminium, 1 unit = 20 meters

216.58 € per unit

incl. 19 % VAT. plus delivery

Ex- stock

Article Description

Bird Slide is aluminium angle and ideal for protecting steel beams and alcoves.

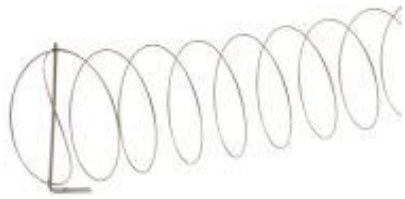
Version made of Aluminum: Length 1,000mm, 1 package contains 20 meters

Dimensions:

- 40 mm supported width
- 65 mm diagonal length
- Angle: 50°
- 51 mm high

Accessories

Special Adhesive [S-1101]



Article- Nr.: C-0101

Spiral- Set

Spiral

26.00 € per unit

incl. 19 % VAT. plus delivery

Ex- stock

Article types:

Spiral (wide)	305.24 €
Spiral (narrow)	339.15 €
Spiral (round)	395.68 €
Spiral	26.00 €

Article Description

The spiral is a flexible, physical barrier. Pigeons are also deterred by its own motion. The risk of injury to the birds with this product is very low.

It is easy to clean and does not lose its tension or shape when doing so.

Ideal for use on balcony railings, edges, parapets, billboards and balconies.

Protection against pigeons and crows.

4 different versions:

- Spiral (C-0101)
 - zinc coated, diameter 58mm, mounting rail made of stainless steel
 - **1 set (VE) consisting of: 8 spirals and 16 mounting rails**
 - 1 spiral covers 0.60 - 1.25 m from windows ledge

- Spiral on PC layer (C-0102)
 - Module length: 33 cm
 - Width of the PC-bar: 2 cm
 - Spiral Height: 9.5 cm
 - **Spiral Width: 16 cm**
 - Wire diameter: 1 mm
 - **1 set (unit) = 10m**

- Spiral on PC layer (C-0103)
 - Module length: 33 cm
 - Width of the PC-bar: 2 cm
 - Spiral Height: 9.5 cm
 - **Spiral Width: 4 cm**

- Wire diameter: 1 mm
- **1 set (unit) = 10m**

- Spiral on PC layer (C-0104)

- Module length: 33 cm
- Width of the PC-bar: 2 cm
- Spiral Height: 9.5 cm
- **Spiral Width: 9 cm**
- Wire diameter: 1 mm
- **1 set (unit) = 10m**



Article- Nr.: C-1401

Daddy Long Legs

1.25 metre diameter

124.64 € per piece

incl. 19 % VAT. plus delivery

Ex- stock

Article types:

2.50 metre diameter	165.87 €
1.25 metre diameter	124.64 €

Article Description

This bird control system consists of stainless steel wires attached to a rotating disc. The disc rotates even in the lightest breeze. This repels pigeons and other birds.

The system is available in 1.25 metres and 2.50 metres diameter.



Article- Nr.: C-32

Hollow Balls

38 mm, 1 unit = 1,000 pieces

from 89.73 € per unit

incl. 19 % VAT. plus delivery

Ex- stock

Prices:

Up to 5,000 pieces	132.80 €
From 5,000 pieces	107.10 €
From 25,000 pieces	89.73 €

Order a sample!

Article Description

Hollow balls for covering swimming pools and protecting them from birds. The balls are placed on the surface and effectively cover ca. 90%.

They also reduce evaporation by ca. 90% and save up to 80% (indoor pools) and 70% (outdoor pools) energy costs.

- Dimensions: 38 mm diameter
- Weight: 3.5 g
- Cover: ca. 800 balls/ m²
- 1 unit = 1,000 pieces

Accessories

Dachrinnenclips, 100 Stück [S-09], Spezialkleber [S-1101], Bitumenklebeband [S-17]



Article- Nr.: C-17

Swimming Pool Cover light blue

380 my strength, size on request

23.56 € per m²

incl. 19 % VAT. plus delivery

Ex- stock

Article Description

The swimming pool cover is a two- layer air bubble plastic foil for indoor and outdoor swimming pools.

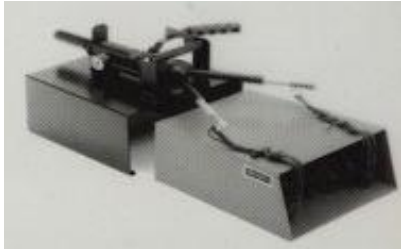
Characteristics:

- UV- stable
- 380 my strength
- Bubble size 10 mm
- Prevents evaporation and heat loss
- Prevents pollution in outdoor pools

All sizes available, including round.

Available with edge reinforcement, eyelets and hem stitching

Rewinder available on request.



Article- Nr.: C-30

Net Thrower

Works with co2 cartridges

3213.00 € per piece

incl. 19 % VAT. plus delivery

Ex- stock

Article Description

The net thrower is suitable for catching large numbers of birds. The power of the net throwing mechanism is 35 bar using co2 cartridges. The net thrower is completely safe.

Dimensions: 530 mm x 320 mm x 28mm

Weight: 8 kg

Mode of operation: co2 cartridges, 16 g

Scope of delivery: replacement container with net and 2 projectiles, 1 gas cartridge

The use of the net thrower is at your own risk. We must point out, that the sale may be restricted in some states due to animal welfare legislation.



Article- Nr.: C-10

Universal Bird Trap

121.38 € per piece

incl. 19 % VAT. plus delivery

Delivery in 5-7 working days

Article Description

For catching crows, magpies, pigeons. With two chambers, two entrances 30 x 35 cm and a central compartment for bait or decoy.

The trap is made of welded wire mesh.

Dimensions: 103 x 48 x 46 cm



Article- Nr.: C-11

Universal Net Trap

142.80 € per piece

incl. 19 % VAT. plus delivery

Delivery in 5-7 working days

Article Description

Large strong net trap for capturing live and uninjured rabbits, crows, magpies and pigeons etc.

Dimensions: 50 x 50 cm



Article- Nr.: C-12

Crow Trap

205.28 € per piece

incl. 19 % VAT. plus delivery

Ex- stock

Article Description

Octagonal live trap suitable for crows, magpies and pigeons. With four separate trapping chambers. Thus, it is not a mass trap, but a trap with four individual traps. A separate bait box is inside.

Made of solid wire.

Dimensions: diameter 107 cm, height 36 cm



Article- Nr.: C-13

Pigeon Trap

176.35 € per piece

incl. 19 % VAT. plus delivery

Ex- stock

Article Description

Wherever city pigeons are a problem, this trap is in the right place.

It is equipped with a simple gravitational mechanism.

The pigeons can get in, but cannot get out. The trap is thus always ready to trap a bird. It can hold several pigeons.

Made of solid wire.

Dimensions: 102 x 42 x 33 cm



Article- Nr.: C-15

Sparrow Trap

124.06 € per piece

incl. 19 % VAT. plus delivery

Ex- stock

Article Description

This live trap is especially suited for trapping sparrows.

Dimensions (lxbxh): 610 x 350 x 190 mm

Material: metal



Article- Nr.: C-29

Parasite Determination

46.41 € per piece

incl. 19 % VAT. plus delivery

Ex- stock

Article Description

If you have a bird's nest on your house and want to know if you have a parasite infection send us a sample.

We will determine the parasite and send you the results together with treatment recommendations.

The most common parasites that can also infect humans are:

- Pigeon ticks
- Bird fleas
- Bird mites

Bird- Slides

Bird Slides are prefabricated acrylic glass angles, which are fixed to the ledges to be protected. The ca. 45 degree angle is too steep for the birds to hold a footing.

Bird Slides are very suitable for discreetly protecting architectural facades. They are also suitable for listed buildings because they are attached by adhesive.

Alternatively plastic foil angles are available, so called Pigeon- Stops.



Article- Nr.: C-0201

Bird Slide

Bird Slide made of Aluminium, 1 unit = 20 meters

216.58 € per unit

incl. 19 % VAT. plus delivery

Ex- stock

Article Description

Bird Slide is aluminium angle and ideal for protecting steel beams and alcoves.

Version made of Aluminum: Length 1,000mm, 1 package contains 20 meters

Dimensions:

- 40 mm supported width
- 65 mm diagonal length
- Angle: 50°
- 51 mm high

Accessories

Special Adhesive [S-1101]

Birdgard

Birdgard- products are designed for private homes, factories and predominantly for use in agriculture. They emit acoustic signals for bird control. These are static noises and predator calls which are played randomly at a certain loudness.

The large version Super Pro Amp may also be used for bird control at airfields.



Article- Nr.: K-03

Bird Gard - Devices

Bird Gard PRO STANDARD

536.40 € per unit

incl. 19 % VAT. plus delivery

Ex- stock

Article types:

Bird Gard PRO PLUS	918.00 €
Bird Gard SUPER PRO	1520.99 €
Bird Gard SUPER PRO PA4	1107.01 €
Bird Gard SUPER PRO AMP	5783.40 €
Bird Gard PRO STANDARD	536.40 €

Article Description

Bird Gard acoustic bird control devices repel birds with predator calls, distress calls and other electronical sounds.

Integrated microchip store up to eight different calls, which can be alternated depending on possible habituation effects of the birds to be deterred. Switches at the devices allow to change the sequence of the calls, the pause length and the calls itself. The digital features guarantee a low power consumption and a consistent quality of the emitted calls.

The pause lengths can be set in four time spans between 17 seconds and 30 minutes. The devices can automatically be switched off and on depending on daylight with an integrated photocell.

The power and loudness of the devices must be adjusted to the residential area. The devices may only be operated with a minimum distance of 100m to the next residential area (regulation applies to Germany). All devices can be powered by an autobattery (not included). Alternatively an adapter is also available.

Effect against:

Bird Gard PRO Standard, Bird Gard Pro Plus and Bird Gard Super PRO are effective against gulls, starlings and pigeons.

Bird Gard Super PRO PA4 are effective against Grey Heron, Great Blue Heron, Great Horned Owl, Great Egret, Great Cormorant, Common Gull, Wild Turkey, Snowy Egret, Black- crowned Night Heron, Jackdaw, Carrion Crow, Canadian Geese and Rooks.

Depending on the area, which you would like to cover, the appropriate version of the Bird Gard devices is available:

Bird Gard Pro Standard

- Coverage up to 0.5 hectares
- Integrated speaker
- Frequency: 2.000 – 5.000 Hz

- Frequency: 2.000 – 5.000 Hz
- Connection to a further external speaker possible
- Installation on a stainless steel holder
- Powered by a 12 volt battery (not supplied)
- Dimension: 26 x 11.4 x 9.5 cm
- Weight: 439 gr.

Bird Gard Pro Plus

- Coverage up to 1.2 hectares
- Weather- proof plastic housing
- 2 amplifier stages
- Frequency: 2.000 – 5.000 Hz
- Connection to external speakers possible with sockets
- Installation on a stainless steel holder
- Powered by a 12 volt battery (not supplied)
- Dimension: 15.4 x 14.6 x 8.9 cm
- Weight: 540 gr.
- Scope of Delivery:
2 amplifiers, 2 speakers each with 30m cable

Bird Gard SUPER PRO

- Coverage up to 2.4 hectares
- Weather- proof plastic housing
- 4 amplifier stages
- Frequency: 2.000 – 5.000 Hz
- Plug- in memory chip
- Connection to further four external speakers possible with sockets
- Installation on a stainless steel holder
- Powered by a 12 volt battery (not supplied)
- Choice of settings, all speakers, only one, or the speakers alternating
- Dimension: 22.5 x 20 x 13 cm
- Weight: 1.5 kg.
- Scope of Delivery:
4 amplifiers, 4 speakers each with 30m cable, 3 metre battery cable

Bird Gard SUPER PRO PA4

- In contrast to the Bird Gard SUPER PRO, the SUPER PRO PA4 is more for the repelling of game and ravens.
- Coverage up to 0.5 hectares
- Weather- proof plastic housing
- Broadband amplifier
- Plug- in memory chip Sockets for connecting four external speakers at the amplifier
- 1 broadband speaker with 15 m cable
- Installation using a stainless steel holder
- Powered by a 12 volt battery (not supplied)
- Dimension: 22.5 x 20 x 13 cm
- Weight: 1.5 kg.
- Scope of Delivery:
1 broadband amplifier, 1 broadband speaker with 15m cable, 3 metre battery cable

Bird Gard SUPER PRO AMP

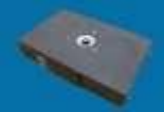







- This system is particularly suitable for airports.
- Coverage up to 16 hectares
- Weather- proof plastic housing. Working temperature: -20°C (-4° F) up to +40°C (104°F)
- 2 high performance amplifiers
- Tower with 20 speakers
- Plug- in memory chip
- Solar panel included
- Powered by a 12 volt battery (not supplied). Power requirement: 3A
- The system is maintenance free when operated with solar panel and battery
- Does not operate with AC adapter
- Measurements:
 - Loudspeaker box: 40 x 270 x 270mm
 - Control panel: 285 x 200 x 145mm
 - Solar panel: 640 x 540 x 50mm
- Weight:
 - Loudspeaker box: 5.0kg
 - Control panel: 1.5kg
 - Solar panel: 4.5kg
- Scope of Delivery:
 - 2 high performance amplifiers, 1 tower with 20 speakers, 3 metre battery cable, solar panel










Accessories











Extension Speakers [K-03-05], Extension Speakers [K-03-06], Power Supply [K-03-07],
Prolongation cable (50 meters) [K-03-08], Timer [K-03-09], Solarpanel [K-03-12]










Accessories











Accessories for installation









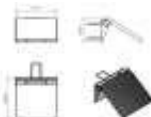


	<p>Article- Nr.: A-12</p> <p>Befestigungsset für Robop</p> <p>Befestigungsplatte für Robotervogel Robop</p>	<p>272.51 € inkl. 19% VAT. plus. delivery</p>
	<p>Article- Nr.: A-13</p> <p>Befestigungsbügel für Robop</p> <p>Befestigungsbügel für Robotervogel Robop</p>	<p>351.05 € inkl. 19% VAT. plus. delivery</p>
	<p>Article- Nr.: A-1703</p> <p>Zeitschalter für Scarey- Man</p> <p>Timer für die Automatische Vogelscheuche aus Kunststoff, die in steuerbaren Abständen tagsüber aufgepumpt wird und dabei akustische und optische Signale ausstösst</p>	<p>186.03 € inkl. 19% VAT. plus. delivery</p>
	<p>Article- Nr.: A-1704</p> <p>Ersatzhülle für Scarey- Man</p> <p>Ersatzhülle für die Automatische Vogelscheuche aus Kunststoff, die in steuerbaren Abständen tagsüber aufgepumpt wird und dabei akustische und optische Signale ausstösst</p>	<p>163.86 € inkl. 19% VAT. plus. delivery</p>
	<p>Article- Nr.: A-1705</p> <p>Ladegerät für Scarey- Man</p> <p>Ladegerät für 12V- Batterie des Scarey- Mans</p>	<p>125.31 € inkl. 19% VAT. plus. delivery</p>
	<p>Article- Nr.: C-04-01</p> <p>Klarlack für Vogelabwehr- Gel</p> <p>Lack stabilisiert und schützt picogel vor vorzeitiger Verstaubung</p>	<p>46.89 € inkl. 19% VAT. plus. delivery</p>
	<p>Article- Nr.: C-3701</p> <p>Sprühgeräte</p> <p>Handsprühgeräte für das Neudorff Lavandinöl</p>	<p>13.69 € inkl. 19% VAT. plus. delivery</p>
	<p>Article- Nr.: C-38-01</p> <p>Sprühgerät für Logo Bird Free</p> <p>Dispenser zur automatischen Ausbringung von Logo Bird Free Aerosol</p>	<p>189.21 € inkl. 19% VAT. plus. delivery</p>









	<p>Article- Nr.: C-38-02</p> <p>Feinsprühgerät für Logo Bird Free</p> <p>Feinsprühgerät zur Ausbringung von Logo Bird Free Aerosol</p>	<p>2668.58 € inkl. 19% VAT. plus. delivery</p>
	<p>Article- Nr.: C-38-03</p> <p>Kaltnebelgerät für Logo Bird Free</p> <p>Nebelgerät zur Ausbringung von Logo Bird Free Aerosol</p>	<p>453.27 € inkl. 19% VAT. plus. delivery</p>
	<p>Article- Nr.: C-38-04</p> <p>Kompressor</p> <p>Verwendung mit Kompaktnebelgerät</p>	<p>1469.65 € inkl. 19% VAT. plus. delivery</p>
	<p>Article- Nr.: D-0601</p> <p>Edelstahlilitze, 0,54mm</p> <p>Edelstahlilitze für Drahtsysteme</p> <p>Basic price: 0,37 € pro m</p>	<p>18.56 € inkl. 19% VAT. plus. delivery</p>
	<p>Article- Nr.: D-07</p> <p>Spannfeder Edelstahl, 100Stk.</p> <p>Edelstahl Spannfeder Standard für Drahtsystem</p> <p>Basic price: 0,39 € pro stk</p>	<p>39.27 € inkl. 19% VAT. plus. delivery</p>
	<p>Article- Nr.: D-0803</p> <p>Ringöschraube, 100 Stk.</p> <p>Ringösen für Drahtsystemen und Rahmenseilkonstruktionen</p> <p>Basic price: 0,36 € pro stk</p>	<p>35.70 € inkl. 19% VAT. plus. delivery</p>
	<p>Article- Nr.: E-01-01</p> <p>V2A- Stange TONI ES P2</p> <p>Edelstahl Stange für das TONI ES P2 Elektrosystem</p>	<p>3.21 € inkl. 19% VAT. plus. delivery</p>
	<p>Article- Nr.: E-01-02</p> <p>Kunststoffhocker TONI ES P2</p> <p>Kunststoffhocker für das Elektrosystem TONI ES P2</p> <p>Basic price: 5,36 € pro m</p>	<p>80.33 € inkl. 19% VAT. plus. delivery</p>
	<p>Article- Nr.: E-01-03</p> <p>Verbindungsfeder TONI ES P2</p> <p>Verbindungsfedern für das Elektrosystem TONI ES P2</p> <p>Basic price: 0,95 € pro m</p>	<p>28.56 € inkl. 19% VAT. plus. delivery</p>

	<p>Article- Nr.: E-01-0402</p> <p>Verbindungshülse TONI ES P2</p> <p>Verbindungshülse zum Anschluss des Elektrosystem TONI ES P2 an Strom</p>	<p>57.12 € inkl. 19% VAT. plus. delivery</p>
	<p>Article- Nr.: E-01-05</p> <p>Hülse für Verdrahtung TONI ES P2</p> <p>Hülse zum Verbinden des Elektrosystems TONI ES P2 mit Masse</p>	<p>30.35 € inkl. 19% VAT. plus. delivery</p>
	<p>Article- Nr.: E-01-06</p> <p>Schrumpfschlauch TONI ES P2</p> <p>Zum Schutz der Stromanschlüsse des Elektrosystems TONI ES P2 vor Feuchtigkeit, 1VE = 25 Stück</p> <p>Basic price: 0,27 € pro stk</p>	<p>6.70 € inkl. 19% VAT. plus. delivery</p>
	<p>Article- Nr.: E-03-0101</p> <p>Strombahnprofil TAPO</p> <p>Strombahnprofil für das Elektrosystem TAPO</p>	<p>48.20 € inkl. 19% VAT. plus. delivery</p>
	<p>Article- Nr.: E-03-0201</p> <p>Abstandshalter TAPO</p> <p>Abstandshalter für Elektrosystem TAPO</p>	<p>37.49 € inkl. 19% VAT. plus. delivery</p>
	<p>Article- Nr.: E-03-03</p> <p>Stoßverbinder TAPO</p> <p>Stoßverbinder für das Elektrosystem TAPO</p>	<p>51.41 € inkl. 19% VAT. plus. delivery</p>
	<p>Article- Nr.: E-05-01</p> <p>Isolatorenkopf Easy Fix</p> <p>Isolatorenkopf als Zubehör für Elektrosystem Easy Fix</p> <p>Basic price: 0,71 € pro m</p>	<p>28.56 € inkl. 19% VAT. plus. delivery</p>
	<p>Article- Nr.: E-05-02</p> <p>Verbindungsfeder Easy Fix</p> <p>Verbindungsfeder als Zubehör für Elektrosystem Easy Fix</p>	<p>19.64 € inkl. 19% VAT. plus. delivery</p>
	<p>Article- Nr.: E-0801</p> <p>Stromzuleitung 2- adrig</p> <p>Stromzuleitung für Elektrosysteme</p> <p>Basic price: 2,30 € pro m</p>	<p>229.65 € inkl. 19% VAT. plus. delivery</p>
	<p>Article- Nr.: E-0901</p> <p>Stromstoßgenerator</p> <p>Stromstoßgeneratoren für Elektrosysteme</p>	<p>409.07 € inkl. 19% VAT. plus. delivery</p>

	<p>Article- Nr.: E-0906 Stromwächter Automatische Überwachung von Elektrosystemen.</p>	<p>1122.74 € inkl. 19% VAT. plus. delivery</p>
	<p>Article- Nr.: E-10 Digitaler Systemprüfer Digitaler Systemprüfer für Elektrosysteme</p>	<p>107.04 € inkl. 19% VAT. plus. delivery</p>
	<p>Article- Nr.: E-1101 Warnschild Schilder zur Warnung vor Spannung durch Elektrosysteme.</p>	<p>0.89 € inkl. 19% VAT. plus. delivery</p>
	<p>Article- Nr.: E-12 Regenwächter Zur Steuerung für alle Elektrosysteme</p>	<p>223.13 € inkl. 19% VAT. plus. delivery</p>
	<p>Article- Nr.: E-13 Blitzschutzschalter Zum Schutz aller Elektrosysteme</p>	<p>38.38 € inkl. 19% VAT. plus. delivery</p>
	<p>Article- Nr.: E-14 Blitzschutzdrossel Zum Schutz aller Elektrosysteme</p>	<p>32.94 € inkl. 19% VAT. plus. delivery</p>
	<p>Article- Nr.: E-1905 Edelstahlstangen - 100 Stk. Zubehör für Elektrosystem Bird- Rod zur Vogelabwehr. Basic price: 1,46 € pro m</p>	<p>146.37 € inkl. 19% VAT. plus. delivery</p>
	<p>Article- Nr.: E-1906 PC- Halter 6fach Zubehör für Elektrosystem Bird- Rod zur Vogelabwehr. Basic price: 1,64 € pro stk</p>	<p>164.22 € inkl. 19% VAT. plus. delivery</p>
	<p>Article- Nr.: E-1907 PC- Halter 4fach Zubehör für Elektrosystem Bird- Rod zur Vogelabwehr. Basic price: 1,34 € pro stk</p>	<p>133.88 € inkl. 19% VAT. plus. delivery</p>

	<p>Article- Nr.: E-1908</p> <p>PC- Halter 3fach</p> <p>Zubehör für Elektrosystem Bird- Rod zur Vogelabwehr.</p> <p>Basic price: 1,07 € pro stk</p>	<p>107.10 € inkl. 19% VAT. plus. delivery</p>
	<p>Article- Nr.: E-1909</p> <p>PC- Halter 2fach</p> <p>Zubehör für Elektrosystem Bird- Rod zur Vogelabwehr.</p> <p>Basic price: 0,80 € pro stk</p>	<p>80.33 € inkl. 19% VAT. plus. delivery</p>
	<p>Article- Nr.: E-1910</p> <p>Verbinder XL-6 Edelstahl</p> <p>Zubehör für Elektrosystem Bird- Rod zur Vogelabwehr.</p>	<p>29.55 € inkl. 19% VAT. plus. delivery</p>
	<p>Article- Nr.: E-1911</p> <p>Verbinder XL-4 Edelstahl</p> <p>Zubehör für Elektrosystem Bird- Rod zur Vogelabwehr.</p>	<p>24.63 € inkl. 19% VAT. plus. delivery</p>
	<p>Article- Nr.: E-1912</p> <p>Edelstahlfedern 30mm</p> <p>Zubehör für Elektrosystem Bird- Rod zur Vogelabwehr.</p> <p>Basic price: 0,45 € pro stk</p>	<p>11.16 € inkl. 19% VAT. plus. delivery</p>
	<p>Article- Nr.: E-1913</p> <p>Edelstahlfedern 80mm</p> <p>Zubehör für Elektrosystem Bird- Rod zur Vogelabwehr.</p> <p>Basic price: 0,62 € pro stk</p>	<p>15.62 € inkl. 19% VAT. plus. delivery</p>
	<p>Article- Nr.: E-1914</p> <p>Kabelbuchse zum Kabelanschluss</p> <p>Zubehör für Elektrosystem Bird- Rod zur Vogelabwehr.</p> <p>Basic price: 4,11 € pro stk</p>	<p>8.21 € inkl. 19% VAT. plus. delivery</p>
	<p>Article- Nr.: E-1915</p> <p>Knipex - Zange</p> <p>Zubehör für Elektrosystem Bird- Rod zur Vogelabwehr.</p>	<p>80.33 € inkl. 19% VAT. plus. delivery</p>
	<p>Article- Nr.: E-2201</p> <p>Verbindungsfeder K70</p> <p>Verbindungsfedern für das Elektrosystem K70</p> <p>Basic price: 0,21 € pro stk</p>	<p>21.42 € inkl. 19% VAT. plus. delivery</p>
	<p>Article- Nr.: E-2202</p> <p>Stromkabelklemme K70</p> <p>Stromkabelklemme für das Elektrosystem K70</p> <p>Basic price: 2,14 € pro stk</p>	<p>21.42 € inkl. 19% VAT. plus. delivery</p>

	<p>Article- Nr.: E-2203</p> <p>Schere K70</p> <p>Schere für das Elektrosystem K70</p>	<p>31.42 € inkl. 19% VAT. plus. delivery</p>
	<p>Article- Nr.: E-2204</p> <p>Eck- Verbindungsstück K70</p> <p>Eck- Verbindungsstück für das Elektrosystem K70</p>	<p>5.00 € inkl. 19% VAT. plus. delivery</p>
	<p>Article- Nr.: K-01-04</p> <p>PURIVOX Spiegelpyramide für Karussell Triplex V</p> <p>Rot- silberne Spiegelpyramide zur Vogelvergrämung</p>	<p>75.60 € inkl. 19% VAT. plus. delivery</p>
	<p>Article- Nr.: K-03-05</p> <p>Erweiterungslautsprecher</p> <p>Erweiterungslautsprecher für PA4 Systeme</p>	<p>187.21 € inkl. 19% VAT. plus. delivery</p>
	<p>Article- Nr.: K-03-06</p> <p>Erweiterungslautsprecher</p> <p>Erweiterungslautsprecher für alle PRO Systeme</p>	<p>120.59 € inkl. 19% VAT. plus. delivery</p>
	<p>Article- Nr.: K-03-07</p> <p>Steckernetzteil</p> <p>Steckernetzteil für alle Bird Gard Systeme</p>	<p>53.10 € inkl. 19% VAT. plus. delivery</p>
	<p>Article- Nr.: K-03-08</p> <p>50m- Verlängerungskabel</p> <p>50m- Verlängerungskabel für alle Bird Gard Systeme</p>	<p>95.40 € inkl. 19% VAT. plus. delivery</p>
	<p>Article- Nr.: K-03-09</p> <p>Zeitschaltuhr</p> <p>Zeitschaltuhr für alle Bird Gard Systeme</p>	<p>219.60 € inkl. 19% VAT. plus. delivery</p>
	<p>Article- Nr.: K-03-12</p> <p>Solarpanel</p> <p>Solarpanel für Bird Gard Systeme</p>	<p>305.82 € inkl. 19% VAT. plus. delivery</p>
	<p>Article- Nr.: K-1803</p> <p>Solarpanel</p> <p>Solarpanel zum batterie- und netzteilmfreien Betrieb des UltraSon</p> <p>Basic price: 467,23 € pro stk</p>	<p>467.23 € inkl. 19% VAT. plus. delivery</p>
	<p>Article- Nr.: K-1804</p> <p>Zusatz- Lautsprecherbox</p> <p>Zusatz- Lautsprecherbox zur Erweiterung der Reichweite des UltraSon</p> <p>Basic price: 635,91 € pro stk</p>	<p>635.91 € inkl. 19% VAT. plus. delivery</p>

	<p>Article- Nr.: K-1805</p> <p>Zusatz- Lautsprecher 1- fach</p> <p>Zusatz- Lautsprecher 1- fach zur Erweiterung der Reichweite des UltraSon</p> <p>Basic price: 305,69 € pro stk</p>	<p>305.69 € inkl. 19% VAT. plus. delivery</p>
	<p>Article- Nr.: K-1806</p> <p>Polklemmen- Satz</p> <p>Polklemmen- Satz für UltraSon</p> <p>Basic price: 8,70 € pro stk</p>	<p>8.70 € inkl. 19% VAT. plus. delivery</p>
	<p>Article- Nr.: K-1807</p> <p>Netzgerät 220V / 12Va</p> <p>Netzgerät (220V/12V stabilisiert) für UltraSon</p> <p>Basic price: 212,87 € pro stk</p>	<p>212.87 € inkl. 19% VAT. plus. delivery</p>
	<p>Article- Nr.: K-1808</p> <p>Netzgerät 220V / 12Va (Schweizer Stecker)</p> <p>Netzgerät mit Schweizer Stecker (220V/12V stabilisiert) für UltraSon</p> <p>Basic price: 219,56 € pro stk</p>	<p>219.56 € inkl. 19% VAT. plus. delivery</p>
	<p>Article- Nr.: K-1809</p> <p>Ladegerät 12V</p> <p>Ladegerät 12V für UltraSon</p> <p>Basic price: 218,22 € pro stk</p>	<p>218.22 € inkl. 19% VAT. plus. delivery</p>
	<p>Article- Nr.: N-1201</p> <p>Kunststoffhalter für Netzmontage</p> <p>in 2 Größen zu je 100 Stck.</p>	<p>82.11 € inkl. 19% VAT. plus. delivery</p>
	<p>Article- Nr.: N-1401</p> <p>Ringklammern</p> <p>2.500 Stk. Ringklammern aus Aluminium zur Befestigung der Netze am Rahmenseil</p> <p>Basic price: 0,02 € pro stk</p>	<p>55.43 € inkl. 19% VAT. plus. delivery</p>
	<p>Article- Nr.: N-15</p> <p>Ringklammerzange</p> <p>für Ringklammern (Alu)</p>	<p>96.31 € inkl. 19% VAT. plus. delivery</p>
	<p>Article- Nr.: N-1601</p> <p>Reißverschluss Netz</p> <p>Reißverschluss zum flexiblen Öffnen installierter Netze</p>	<p>6.43 € inkl. 19% VAT. plus. delivery</p>

	<p>Article- Nr.: N-1701</p> <p>Netz Clips</p> <p>Netz Clips zum Verbinden von Netzen untereinander</p> <p>Basic price: 0,39 € pro m</p>	<p>39.27 € inkl. 19% VAT. plus. delivery</p>
	<p>Article- Nr.: N-1801</p> <p>Edelstahlseil</p> <p>Edelstahlseil für Rahmenseilkonstruktionen</p> <p>Basic price: 0,52 € pro m</p>	<p>25.98 € inkl. 19% VAT. plus. delivery</p>
	<p>Article- Nr.: N-19</p> <p>Seil verzinkt</p> <p>verzinktes Seil für Rahmenseilkonstruktionen</p> <p>Basic price: 0,32 € pro m</p>	<p>32.13 € inkl. 19% VAT. plus. delivery</p>
	<p>Article- Nr.: N-2001</p> <p>Seilklemme, 10Stk.</p> <p>Seilklemmen für Rahmenseilkonstruktionen</p> <p>Basic price: 0,54 € pro stk</p>	<p>5.36 € inkl. 19% VAT. plus. delivery</p>
	<p>Article- Nr.: N-2101</p> <p>Simplexklemme, 10Stk.</p> <p>Simplexklemme für Rahmenseilkonstruktionen</p> <p>Basic price: 0,27 € pro stk</p>	<p>2.68 € inkl. 19% VAT. plus. delivery</p>
	<p>Article- Nr.: N-2201</p> <p>Spannschloss, 10Stk.</p> <p>Spannschloss zur Verspannung der Rahmenseilkonstruktion</p> <p>Basic price: 1,34 € pro stk</p>	<p>13.39 € inkl. 19% VAT. plus. delivery</p>
	<p>Article- Nr.: N-2405</p> <p>Drahtverbinder, 100Stk.</p> <p>Drahtverbinder zum Verbinden von Drähten</p> <p>Basic price: 0,19 € pro stk</p>	<p>18.56 € inkl. 19% VAT. plus. delivery</p>
	<p>Article- Nr.: N-2501</p> <p>Trägerklemme, 100Stk.</p> <p>Für Rahmenseilkonstruktionen an Stahlträgern</p> <p>Basic price: 1,14 € pro stk</p>	<p>114.24 € inkl. 19% VAT. plus. delivery</p>
	<p>Article- Nr.: N-2601</p> <p>Netzschere</p> <p>Netzschere zum Zuschneiden von Vogelabwehrnetzen</p>	<p>36.30 € inkl. 19% VAT. plus. delivery</p>

	<p>Article- Nr.: N-33</p> <p>Magnete zur Netzbefestigung</p> <p>zur Befestigung von Netzen auf metallischen Gegenständen. 1 VE = 10 Stück</p> <p>Basic price: 25,59 € pro stk</p>	<p>255.85 € inkl. 19% VAT. plus. delivery</p>
	<p>Article- Nr.: N-4001</p> <p>Netzhalter zur Netzbefestigung</p> <p>zur leichten klebenden Befestigung. 1 VE = 500 Stück</p> <p>Basic price: 0,31 € pro stk</p>	<p>154.70 € inkl. 19% VAT. plus. delivery</p>
	<p>Article- Nr.: N-43</p> <p>Netztrichter</p> <p>Netztrichter dient als Ausflugloch für gefangene Vögel</p>	<p>24.10 € inkl. 19% VAT. plus. delivery</p>
	<p>Article- Nr.: O-02</p> <p>Steuereinheit</p> <p>für mehrere Stroboscare</p>	<p>2973.81 € inkl. 19% VAT. plus. delivery</p>
	<p>Article- Nr.: S-09</p> <p>Dachrinnenclips, 100 Stück</p> <p>Zur Befestigung von Edelstahlspikes an Dachrinnen</p>	<p>89.25 € inkl. 19% VAT. plus. delivery</p>
	<p>Article- Nr.: S-1101</p> <p>Spezialkleber</p> <p>Spezialkleber zum Verkleben von Spikes</p> <p>Basic price: 39,35 € pro l</p>	<p>12.20 € inkl. 19% VAT. plus. delivery</p>
	<p>Article- Nr.: S-13</p> <p>Halterung für FECT- Spikes</p>	<p>17.85 € inkl. 19% VAT. plus. delivery</p>
	<p>Article- Nr.: S-17</p> <p>Bitumenklebeband</p> <p>Bitumenklebeband zur festen Verklebung von Edelstahlspikes mit nahezu allen Untergründen</p> <p>Basic price: 4,73 € pro m</p>	<p>52.06 € inkl. 19% VAT. plus. delivery</p>
	<p>Article- Nr.: V-0601</p> <p>Schwabennest</p> <p>Nisthilfe für Schwalben. Zum gezielten Weglocken der Vögel von unerwünschten Nistorten geeignet.</p>	<p>37.60 € inkl. 19% VAT. plus. delivery</p>
	<p>Article- Nr.: V-17-01</p> <p>Auflageblock Alu 2 Stück</p> <p>Auflageblock als Zubehör zu dem Vogelabweiser Typ Abspannmast</p>	<p>34.63 € inkl. 19% VAT. plus. delivery</p>



Article- Nr.: V-17-02

Klemmbügel 85mm

Klemmbügel als Zubehör zu dem Vogelabweiser Typ Abspannmast

21.96 €
inkl. 19% VAT.
plus. [delivery](#)



Article- Nr.: V-17-0301

Stahlband Zubehör Typ Abspannmast

Stahlband und Zubehör zur Befestigung des Vogelabweisers Typ Abspannmast

124.06 €
inkl. 19% VAT.
plus. [delivery](#)



Article- Nr.: V-20

Klemmlasche 190 x 180mm

Material zur Befestigung von Vogelsitzstangen, Vogellandeplätzen und Vogelabweiser Form "Andreaskreuz"

71.40 €
inkl. 19% VAT.
plus. [delivery](#)



Article- Nr.: V-21

Bügelschelle für 30mm Rohre

Material zur Befestigung von Vogelsitzstangen und Vogelabweiser Form "Andreaskreuz"

4.74 €
inkl. 19% VAT.
plus. [delivery](#)

Delivery costs

Our delivery costs are as follows

Delivery costs by weight

COUNTRY	up to 5kg	from 5kg to 10kg	from 10kg to 20kg	from 20kg to 31,5kg
Germany	8,40 Euro incl. VAT	8,40 Euro incl. VAT	13,40 Euro incl. VAT	15,40 Euro incl. VAT
Switzerland / Norway	31,50 Euro	36,50 Euro	46,50 Euro	56,50 Euro
Austria, Belgium, Denmark, Finland, France, Greece, UK, Ireland, Italy, Netherlands, Sweden, Spain, Slovenia, Czech Republik	18,50 Euro incl. VAT	23,50 Euro incl. VAT	33,50 Euro incl. VAT	43,50 Euro incl. VAT

Its only possible to order up to 31.5 kg in the online- store. When you have a larger order, please call or email us.

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Special delivery costs for Birdsticker:

Number of Birdsticker	national delivery	international delivery (EU)	Switzerland / Norway
1-10 Sets	2,95 Euro incl. VAT	4,95 Euro incl. VAT	4,95 Euro
11-30 Sets	3,70 Euro incl. VAT	8,50 Euro incl. VAT	8,50 Euro
31-150 Sets	8,40 Euro incl. VAT	see shipping costs package up to 5kg	
151-300 Sets	8,40 Euro incl. VAT	see shipping costs package up to 10kg	

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For deliveries in Non EU countries you have additional duties, fees and taxes. For more information on customs duties, click [here](#).

Information on [import taxes](#).

Special tariff provisions for Switzerland at this [link](#).

Terms of delivery

Here you can view our general terms of delivery.

General terms of delivery

§1 Allgemeines

1.1 Nachstehende Allgemeine Geschäftsbedingungen gelten für alle Verträge, Lieferungen und sonstige Leistungen. Abweichenden Vorschriften des Vertragspartners widersprechen wir hiermit ausdrücklich. Die TONI Bird Control Solutions GmbH & Co. KG (nachfolgend "TONI" genannt) ist jederzeit berechtigt, diese Allgemeinen Geschäftsbedingungen einschließlich aller eventuellen Anlagen mit einer angemessenen Kündigungsfrist zu ändern oder zu ergänzen. Vorher eingehende Aufträge werden nach den dann noch gültigen alten Allgemeinen Geschäftsbedingungen bearbeitet

1.2 Sie haben die Möglichkeit, den Kaufvertrag in deutscher oder englischer Sprache abzuschließen.

§2 Angebot

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3.3 Sie können wahlweise per Vorkasse, Zahlung mit Kreditkarte, Paypal und auf Rechnung zahlen. Für Letzteres sind die Zahlungsbedingungen im Bestellformular ausgewiesen. Die Belastung Ihres Kreditkartenkontos erfolgt mit Abschluss der Bestellung. Die Lieferung ins nichteuropäische Ausland erfolgt nur zu den von TONI vorher berechneten Versand- und Verpackungskosten.

3.4 Sie haben die Möglichkeit, den Kaufvertrag in deutscher oder englischer Sprache abzuschließen.

§4 Lieferfrist

Falls die Nichteinhaltung einer Liefer- oder Leistungsfrist auf höhere Gewalt, unvorhersehbare Hindernisse oder sonstige von uns nicht zu vertretende Umstände zurückzuführen ist, wird die Frist angemessen verlängert. Bei Nichteinhaltung der Lieferfrist aus anderen als den o. g. Gründen ist der Käufer berechtigt, schriftlich eine angemessene Nachfrist mit Ablehnungsandrohung zu setzen und nach deren erfolglosem Ablauf hinsichtlich der im Vertrag befindlichen Lieferung oder Leistung vom Vertrag zurückzutreten. Beruht die Unmöglichkeit der Lieferung auf Unvermögen des Herstellers oder unseres Zulieferers, so können sowohl wir als auch der Käufer vom Vertrag zurücktreten, sofern der vereinbarte Liefertermin um mehr als 2 Monate überschritten ist.

Schadensersatzansprüche wegen Verzug oder Unmöglichkeit bzw. Nichterfüllung, auch solche, die bis zu Rücktritt vom Vertrag entstanden sind, sind ausgeschlossen.

§5 Gefahrübergang

Verbraucher: Sofern Sie als Verbraucher handeln erfolgt die Lieferung auf Gefahr von TONI. Der Gefahrübergang an den Kunden findet gemäß §474 Abs. 2 BGB bei Übergabe der Lieferung, durch das Transportunternehmen, an den Kunden statt.

Unternehmen: Sofern Sie als Unternehmer handeln erfolgt die Lieferung der Ware auf Gefahr des Kunden. Die Gefahr geht mit Übergabe der Ware an das Transportunternehmen auf den Kunden über. Dies gilt auch, wenn TONI die Transportkosten übernommen hat. Beanstandungen wegen Transportschäden (z.B. beschädigte Verpackung beim Empfang der Ware) hat der Kunde unmittelbar gegenüber dem Transportunternehmen innerhalb der dafür vorgesehenen Fristen geltend zu machen.

§6 Gewährleistung

TONI gewährleistet, dass die verkaufte Ware zum Zeitpunkt des Gefahrüberganges frei von Material- und Fabrikationsfehlern ist und die vertraglich zugesicherten Eigenschaften hat. Die Gewährleistung beträgt 24 Monate ab Auslieferung. Bei Reklamationen muss das Kaufdatum mit einer Rechnung nachgewiesen werden. Der reklamierte Artikel muss zusammen mit einer Kopie der Rechnung, ausreichend frankiert, eingeschickt werden. TONI behält sich Abweichungen gegenüber von Shop- und/ oder Prospektabbildungen vor. Diese Abweichungen wie auch handelsübliche Abweichungen hinsichtlich Farbe, Menge oder Gewicht gelten nicht als Mängel und lösen keine Gewährleistungsansprüche aus. Die Gewährleistung erstreckt sich nicht auf den normalen Verschleiß oder die Abnutzung. Die Gewährleistung erlischt, wenn der Kunde die gelieferte Ware verändert. TONI hat während der Gewährleistungspflicht das Recht auf kostenlose Nachbesserung. Ein teilweiser oder vollständiger Austausch des Artikels ist zulässig. Werden Mängel innerhalb angemessener Frist nicht behoben, so hat der Käufer Anspruch auf Wandlung oder Minderung..

§7 Haftung

TONI übernimmt keine Haftung für gelieferte Ware, die nach der Versendung oder Abholung durch den Käufer oder Dritte verändert, umgebaut oder in sonstiger Weise manipuliert worden ist. Für Schäden jeglicher Art, die durch eine vorsätzliche oder fahrlässig vom Kunden verschuldete Beeinträchtigung der von uns gelieferten Produkte entstehen, übernehmen wir keine Haftung. Ansprüche des Kunden auf Schadensersatz, z.B. wegen Nichterfüllung, Verschulden bei Vertragsschluss, Verletzung vertraglicher Nebenverpflichtungen, Mangelfolgeschäden, Schäden aus unerlaubter Handlung und sonstigen Rechtsgründen sind ausgeschlossen. Ausnehmend davon haftet TONI beim Fehlen einer zugesicherten Eigenschaft, bei Vorsatz oder grober Fahrlässigkeit. Ansprüche aus dem Produkthaftungsgesetz sind davon nicht betroffen. TONI übernimmt weder eine Haftung für die ständige und ununterbrochene Verfügbarkeit von www.Vogelabwehr.de noch für technische oder elektronische Fehler des Online- Angebots.

§8 Eigentumsvorbehalt

Bis zur vollständigen Bezahlung bleibt die Ware Eigentum der Firma TONI.

§9 Genehmigungshinweis

Der Einsatz der bestellten Ware/ des bestellten Gerätes bedarf möglicherweise, z.B. aus bauordnungs- oder naturschutzrechtlichen Gründen, einer Genehmigung. TONI übernimmt keinerlei Gewähr bzw. Haftung dafür, dass eine etwa erforderliche Genehmigung erteilt und der Einsatz am Standort erfolgen kann.

§10 Druckfehler

Druckfehler, Fehler auf den Internetseiten sowie Preisänderungen vorbehalten. Angebot freibleibend. Außerdem distanzieren wir uns von allen weiterführenden Links (auf der gesamten Homepage und auf den Ebayseiten).

§11 Kostentragungsvereinbarung

Machen Sie von Ihrem Widerrufsrecht Gebrauch, haben Sie die regelmäßigen Kosten der Rücksendung zu tragen, wenn die gelieferte Ware der bestellten entspricht und wenn der Preis der zurückzusendenden Sache

einen Betrag von 40 Euro nicht übersteigt oder wenn Sie bei einem höheren Preis der Sache zum Zeitpunkt des Widerrufs noch nicht die Gegenleistung oder eine vertraglich vereinbarte Teilzahlung erbracht haben. Anderenfalls ist die Rücksendung für Sie kostenfrei.

§12 Jugendschutz

Der Verkauf unserer Waren erfolgt nur an volljährige, unbeschränkt geschäftsfähige Personen. Mit Aufgabe Ihrer Bestellung und der Überweisung des Betrags bestätigen Sie, dass Sie das 18. Lebensjahr vollendet haben, und dass Sie, bzw. eine volljährige Person die bestellte Ware entgegen nehmen wird. Zur Sicherstellung der gesetzlichen Verkaufsbeschränkungen ist das ausliefernde Unternehmen berechtigt, die Übergabe der Waren von der Vorlage eines Personalausweises abhängig zu machen. Der Kunde stellt TONI von Ansprüchen Dritter frei, die TONI aus der Verletzung der Verpflichtung des Kunden nach Ziffer 1 erwachsen.

Right of withdrawal

Hier können Sie unsere Allgemeinen Lieferbedingungen einsehen.

Widerrufsbelehrung

FÜR VERBRAUCHER:

Verbraucher ist jede natürliche Person, die ein Rechtsgeschäft zu Zwecken abschließt, die überwiegend weder ihrer gewerblichen noch ihrer selbständigen beruflichen Tätigkeit zugerechnet werden können.

Widerrufsrecht

Sie haben das Recht, binnen vierzehn Tagen ohne Angabe von Gründen diesen Vertrag zu widerrufen. Die Widerrufsfrist beträgt vierzehn Tage ab dem Tag, an dem Sie oder ein von Ihnen benannter Dritter, der nicht der Beförderer ist, die Waren in Besitz genommen haben bzw. hat. Um Ihr Widerrufsrecht auszuüben, müssen Sie uns (TONI Bird Control Solutions GmbH & Co. KG, Offenbacher Landstrasse 74, 60599 Frankfurt, Fax. 069 4800 9778, Mail: info@vogelabwehr.de) mittels einer eindeutigen Erklärung (z.B. ein mit der Post versandter Brief, Telefax oder E-Mail) über Ihren Entschluss, diesen Vertrag zu widerrufen, informieren. Sie können dafür das beigefügte Muster-Widerrufsformular verwenden, das jedoch nicht vorgeschrieben ist. Zur Wahrung der Widerrufsfrist reicht es aus, dass Sie die Mitteilung über die Ausübung des Widerrufsrechts vor Ablauf der Widerrufsfrist absenden.

Folgen des Widerrufs

Wenn Sie diesen Vertrag widerrufen, haben wir Ihnen alle Zahlungen, die wir von Ihnen erhalten haben, einschließlich der Lieferkosten (mit Ausnahme der zusätzlichen Kosten, die sich daraus ergeben, dass Sie eine andere Art der Lieferung als die von uns angebotene, günstigste Standardlieferung gewählt haben), unverzüglich und spätestens binnen vierzehn Tagen ab dem Tag zurückzuzahlen, an dem die Mitteilung über Ihren Widerruf dieses Vertrags bei uns eingegangen ist. Für diese Rückzahlung verwenden wir dasselbe Zahlungsmittel, das Sie bei der ursprünglichen Transaktion eingesetzt haben, es sei denn, mit Ihnen wurde ausdrücklich etwas anderes vereinbart; in keinem Fall werden Ihnen wegen dieser Rückzahlung Entgelte berechnet. Wir können die Rückzahlung verweigern, bis wir die Waren wieder zurückerhalten haben oder bis Sie den Nachweis erbracht haben, dass Sie die Waren zurückgesandt haben, je nachdem, welches der frühere Zeitpunkt ist. Sie haben die Waren unverzüglich und in jedem Fall spätestens binnen vierzehn Tagen ab dem Tag, an dem Sie uns über den Widerruf dieses Vertrags unterrichten, an uns zurückzusenden oder zu übergeben. Die Frist ist gewahrt, wenn Sie die Waren vor Ablauf der Frist von vierzehn Tagen absenden. Sie tragen die unmittelbaren Kosten der Rücksendung der Waren. Sie müssen für einen etwaigen Wertverlust der Waren nur aufkommen, wenn dieser Wertverlust auf einen zur Prüfung der Beschaffenheit, Eigenschaften und Funktionsweise der Waren nicht notwendigen Umgang mit ihnen zurückzuführen ist..

Ausschluss bzw. vorzeitiges Erlöschen des Widerrufsrechts

Das Widerrufsrecht besteht nicht bei Verträgen

- zur Lieferung von Waren, die nicht vorgefertigt sind und für deren Herstellung eine individuelle Auswahl oder Bestimmung durch den Verbraucher maßgeblich ist oder die eindeutig auf die persönlichen Bedürfnisse des Verbrauchers zugeschnitten sind;

Das Widerrufsrecht erlischt vorzeitig bei Verträgen

- zur Lieferung versiegelter Waren, die aus Gründen des Gesundheitsschutzes oder der Hygiene nicht zur Rückgabe geeignet sind, wenn ihre Versiegelung nach der Lieferung entfernt wurde;

- zur Lieferung von Waren, wenn diese nach der Lieferung auf Grund ihrer Beschaffenheit untrennbar mit anderen Gütern vermischt wurden;

- zur Lieferung von Ton- oder Videoaufnahmen oder Computersoftware in einer versiegelten Packung, wenn die Versiegelung nach der Lieferung entfernt wurde.

Widerrufsformular

Für den Widerruf können Sie auch unser Widerrufsformular nutzen (bitte auf Link klicken, ausfüllen und

Für den Widerruf können Sie auch unser Widerrufsformular nutzen (links der Link klicken, ausdrucken und zusenden).

FÜR GEWERBLICHE / KOMMUNALE KÄUFER:

Widerrufsrecht

Für gewerbliche und kommunale Kunden gewähren wir kein Widerrufsrecht.

Approval notice

Please note the following information.

Approval notice

The use of the ordered goods / the bought device may require, for example, a permit for building regulations or nature protection laws. TONI assumes no responsibility or liability for the possible need permission granted and may be of use at the site.