



Electro-vibratory deterrent system to repel birds.
Recommended for all pressure zones



Sparrows



Starlings



Pigeons



Gulls



Seagulls



Action

BIRD-OUT® provides an efficient barrier to protect against birds. Its components are flexible, so they fit all architectural profiles perfectly, whilst preserving the aesthetic quality of the area to be protected.

Protection

- Sloping roofs, flat roofs
- Bridges
- Statues
- Cornices, tympana
- Bell towers
- Inner courtyards
- Street-lights

Main advantages

- Very fast fitting
- Can be adapted to all surfaces
- Discreet
- available in BEZINAL® or stainless-steel

Description

BIRD-OUT® uses a sequential electric generator equipped with a condenser, to produce a repellent effect that is harmless to birds, according to humane standards.

System available in BEZINAL® or in stainless-steel rods Ø 2 mm, length 1 m. Easy to bend to follow the profile of the architecture.

Directional changes can easily be produced using BDO clips or torsion springs.

Available in 2 materials : BEZINAL® or stainless-steel.

10 years guarantee (excludes the generator).

Fitting

BIRD-OUT® can be fitted to all types of surface (zinc, wood, stone...).

Optimum weather conditions : thermal range - 35° to + 120° C.

Very quick to fit :

- using silicone adhesive.

We recommend : **Selfixing®** silicone (ref. SIL001)

- by screwing the support into the surface.

We do not recommend fitting the supports on surfaces with easy public access (window ledges, etc.). Installation of a warning sign is required.

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PATENTED



Registered model



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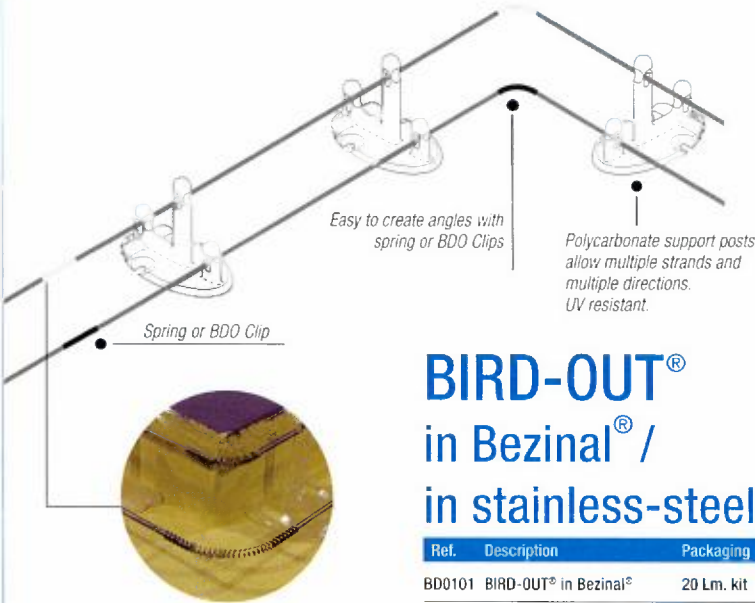
Pigeons



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Easy to create angles with spring or BDO Clips

Polycarbonate support posts allow multiple strands and multiple directions. UV resistant.

Spring or BDO Clip

BIRD-OUT® in Bezinal® / in stainless-steel

Ref.	Description	Packaging
BD0101	BIRD-OUT® in Bezinal®	20 Lm. kit
BD0107	BIRD-OUT® in Stainless-steel	20 Lm. kit

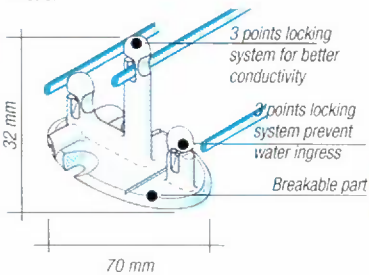
- A 20 m. kit includes :
- 40 bars (Ø 2mm – length of 1m).
 - 40 UV -stabilised polycarbonate mounts.
 - 2 0,50m coils of springs (getting 40 connexions of 2,5 cm).
 - 2 connections
 - Packaging dimensions : 10 x10 x 100 cm.
 - Packaging weight : 1,4 kg.
 - Widths protected : see technical specifications available on request.
 - Technical sheet for fitting supplied in each pack.
- Can use BDO clip, to connect to mains cable.

MOUNT

Ref.	Description	Packaging
BD0012	MOUNT	Unit

Multi-surface mounting and multi-directional positioning : manufactured in UV-stabilised polycarbonate.

Anti-arcing safety system. Water repellent system. Historical monuments require 3 mounts per metre.

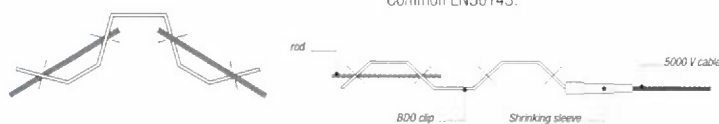


BDO CLIP

Ref.	Description	Packaging
BD0009	BDO CLIP	Unit

- Length : 40 mm.
- Width : 6 mm.

The clip ensures perfect fixing of the rods akin to a « welding process », while still facilitating directional changes without strain or pressure.



BAR

Ref.	Description	Packaging
BD0011	Bezinal® bar	Unit
BD0014	stainless-steel bar	Unit

Bar made of Bezinal® or stainless-steel Ø 2 mm – length 1 m.
Can easily be cut to the required length or bent to follow the profile of the architecture.

CABLE CONNECTION

Ref.	Description	Packaging
BD0010	Cable connexion	Unit

To connect the 5000 V cable to the bars.
Common EN50143.

accessories



SELCLEANING®

Ref.	Description	Packaging
SEL003	Selcleaning®	1 litre can

- Application : 1 litre into 4 litres of water = 5 litres of cleaning product.



SELFIXING® SILICONE

Ref.	Description	Packaging
SIL001	Selfixing® Silicone	310 ml cartridge

- Application : no more than 1 ml of glue per mount is needed.
 - 1 cartridge = 100 m of BIRD-OUT®
- Special silicone available for high humidity : please consult us.

5000 V CABLE

Ref.	Description	Packaging
EV0009	5000 V cable	spool of 100 m

To connect two remote points of BIRD-OUT®
Covered with a reinforced electrical insulation (5000 V) and designed for high-tension current. Conducts the highest levels of power with no loss. Common EN 50143
white or grey colour available.
Packaging dimensions : 26,5 x 26,5 x 23 cm box for 7,5 kg.



CENTRAL GENERATOR 01

Ref.	Description	Packaging
EV0050	Central generator 1	Unit

220 volts generator.
Different systems are available : mains current or battery.
Technical specifications on request.



10 kV TESTER

Ref.	Description	Packaging
EV0010	10 kV tester	Unit

The 10 kV tester is a voltmeter with 6 indicator lights (instead of the usual 5) and a useful range of 1000 to 10 000 volts.

Its design is ergonomic with high protection and an extra-flexible multi-strand earth wire.

For checking earth connection and current line control.



POCKET JOULE-METER

Ref.	Description	Packaging
EV0020	Pocket joule-meter	Unit

The only instrument that measures the actual discomfort felt by the bird when touching the BIRDOUT® system.

Hi-tech compact product, perfectly suited to use on worksites under all kinds of circumstances.