



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



## 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.

## MAIN ADVANTAGES

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

## PROTECTION

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

## DESCRIPTION

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

- System available in Steelinox® 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.

**BIRD-OUT®** has a 10 years warranty\* (excludes the generator).

## FITTING

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

- Installation :**
- Optimum weather conditions thermal range +5° to +30° C.

- Simple, fast, precise fitting:**
- With silicone adhesive
  - With screws or nails.

**Recommendation for optimised gluing :**  
**SELFIXING®** silicone adhesive.

We do not recommend fitting the supports on surfaces with easy public access (window ledges, etc.).

Installation of a warning sign is required.

**MAINTENANCE MANDATORY** Contact us for details



\*Guarantee - ECOPIC conditions available upon simply request. Pictures and drawings non-contractual - 23/06 - © 2023 copyright all rights reserved





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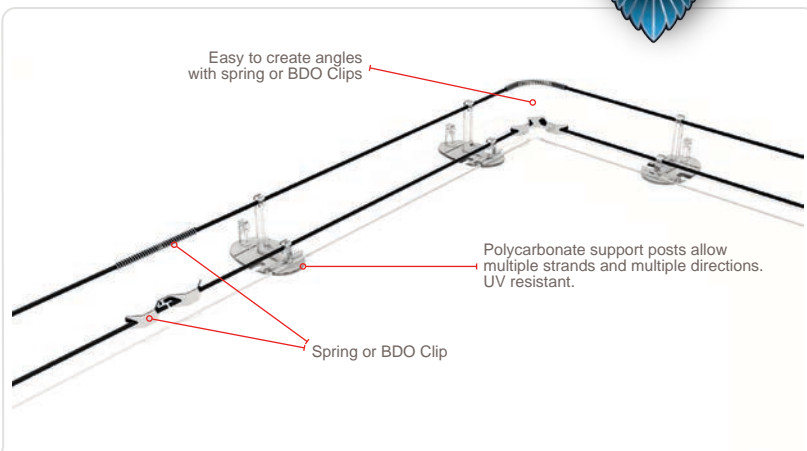


## BIRD-OUT® STEELINOX®/INOX

REF.	DESCRIPTION	PACKAGING
BDO101	Bird-out® Steelinox®	20 M kit
BDO107	Bird-out® Inox	20 M kit
BDO108	Bird-out® Evolution	20 M kit
BDO116	Bird-out® Evolution Inox	20 M kit

### One kit includes :

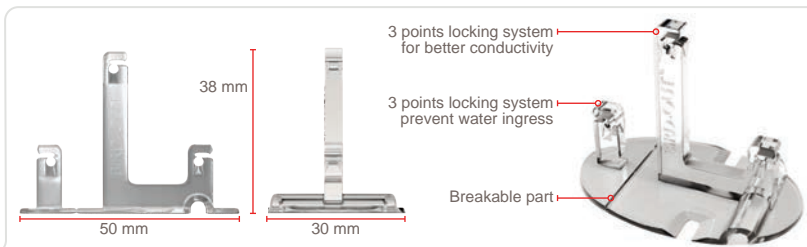
- 40 bars (Ø 2mm - length of 1m).
- 40 polycarbonate supports anti-UV treated in the mass
- 2 0,50m coils of springs or BDO Clip (getting 40 connections of 2,5 cm).
- 2 triple connexions + 2 heat shrink tubing.
- Packaging dimensions : 10 x10 x 100 cm.
- Packaging weight : 1,4 kg.
- Widths protected : see technical specifications available on request.
- Technical sheet for fitting supplied in each pack.



## MOUNT

REF.	DESCRIPTION	PACKAGING
BDO012	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.



## BAR

REF.	DESCRIPTION	PACKAGING
BDO011	Steelinox® bar	Unit
BDO014	Stainless-Steel bar	Unit

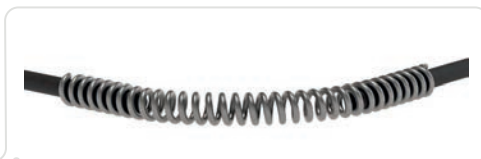
- Bar made of Steelinox® or stainless-steel Ø 2 mm
- length 1 m.
- Can easily be cut to the required length or bent to follow the profile of the architecture.



## SPRING

REF.	DESCRIPTION	PACKAGING
BDO017	Bird-out® Spring	Unit

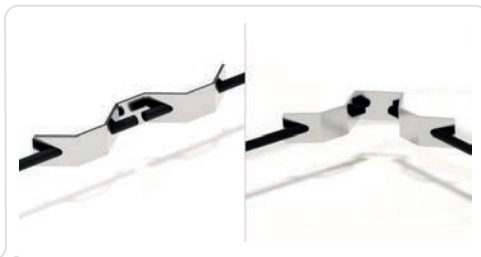
- Length : 0,50 ml.



## BDO CLIP

REF.	DESCRIPTION	PACKAGING
BDO009	BDO Clip	Unit

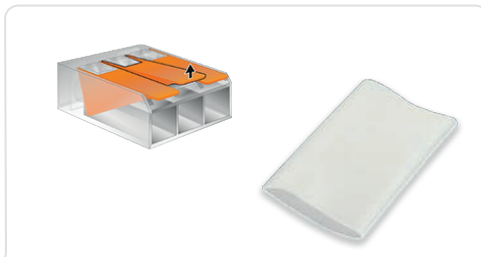
- Length : 40 mm.
- Width : 6 mm.
- The clip ensures perfect fixing of the rods akin to a « welding process », while still facilitating directional changes without strain or pressure.



## TRIPLE CONNEXION

REF.	DESCRIPTION	PACKAGING
BDO018	Triple connexion	Unit
EVO047	White heat shrink tubing	Unit

- To connect the EVO100 cable to the bars
- Standard EN50143.
- Heat shrink tubing (black or white)



## ACCESSORIES

### DOUBLE CABLE

Ref.: EVO100  
Description : Bird-out® double cable  
Packaging : Spool of 50 M

- To safely connect two spaced locations of the BIRD-OUT® circuit.
- Double cable with RZ flame retardant PVC sheath and multi-wire copper conductive material.
- Light gray color, it has a black sheath and another red to locate the side Ⓡ, ideal when going through a chute.
- Standard IEC 60228 and IEC 20-22 II



### GENERATOR

Ref.: EVO050  
Description : Central generator 02  
Packaging : Unit

- 220 volts generator.
- Technical specifications on request.

