



MAGNETIC BIRD DETERRENT SYSTEM

TECHNICAL MANUAL

Available from



Manufactured by



MAGNETO® is manufactured by Avianova. Technical information in this guide is provided by the manufacturer.

Congratulations on choosing Magneto.
To enable you to use this product, please read this "Use and Maintenance Manual" carefully before use and keep it safe for future reference.

This manual has been designed specifically for you and provides guidance on the correct use of this product.
Happy reading!

For any questions, please contact Customer Service
(phone numbers listed on the last page of this manual).

INSTALLATION

Reserved for Technicians

Presented by: Avianova srl

1st INSTALLATION

Installation must be performed by qualified personnel in compliance with national regulations for residential and industrial electrical systems.

For mechanical installation, see the attached manual.

Before making the electrical connections and installing the equipment on the roof, the installer **MUST** obtain a declaration of conformity from the user for the building's electrical systems (required in Italy by Law No. 46 of 05.03.90).

In the absence of this document, the manufacturer declines all responsibility for the systems or rooms intended to house its equipment.

1b ROOFTOP INSTALLATION

(according to local standards and regulations)

Installation **MUST** be performed by qualified personnel in compliance with applicable laws and safety regulations.

The manufacturer declines all responsibility if the product is installed without complying with the standards and regulations specified below.

INSTALLATION

For certified personal only

1c ELECTRICAL INSTALLATION

For the electrical installation, see the attached "assembly instructions."

Make sure the building's electrical system:

- complies with the regulations in force on the date of installation or with the applicable national installation standard (for Italy, CEI 48.8); - is protected by a residual current device (RCD).**

Make sure the earthing system is efficient and complies with national regulations.

Provide a single-phase 230V-50Hz power supply.

The electrical connection must be fixed and permanent, controlled by an omnipolar switch with a contact opening of at least 3mm, and have a breaking capacity of 16° or 25° (depending on the type of system). It must be located outside zones 0, 2, and 3 (see figure at the side and below) and in any case away from possible water supplies or splashes.

The power cable to the control unit must be a three-wire H05 type with a cross-section of no less than 2.5mm² or 4.0mm² (depending on the system type).

This power cable must reach the Magneto cabinet at the end as shown in figure.

1d ELECTRICAL SAFETY

Our products are manufactured in compliance with European regulations (EN 60335-2-60) and are all tested during production to ensure user safety.

The electrical connection must be suitable for the current draw provided with an effective earth connection

1e EQUIPOTENTIAL CONNECTION

The product must also be connected to the main earth connection using the appropriate terminal located on the cabin frame.

Our products are equipped with an earth contact for additional equipotential connection.

The product's power supply must be protected by a two-pole differential circuit breaker, 230V-30mA, with a minimum contact opening of 3 mm.

THE MANUFACTURER IS NOT RESPONSIBLE FOR DAMAGE CAUSED BY INCORRECT INSTALLATION NOT ACCORDING TO THESE INSTRUCTIONS.

The Manufacturer is not responsible if the appliance's electrical components are tampered with or replaced with non-original spare parts and/or parts not recognized by the manufacturer as compliant.

1f ADVICE

Failure to comply with the instructions in the previous pages will void the warranty.

We recommend installing Magneto in a room at least 2.50 m high. Install and assemble following the instructions and sequence illustrated in the enclosed assembly manual.

1g Rooftop Installation

Magneto has been factory-tested.

It is recommended that you carefully inspect the packaged components before installation.

ELECTROMAGNETIC PULSE GENERATION SYSTEM USER MANUAL

This instruction manual is designed to guide all qualified (trained) professionals and authorised individuals may perform any type of intervention on the MAGNETO System. No portion of this instruction manual may be reproduced, stored, or transmitted in any form or by any means, whether electronic, mechanical, photocopying, recording, or otherwise, without prior written consent from AVIANOVA SRL.

This manual serves as an instructional guide for the practical orientation of the electromagnetic pulse generation system, in compliance with standard 12 and the relevant technical standards set forth by ABNT NBR, ISO, and IEC.

Only individuals properly trained by AVIANOVA srl are authorized to install, repair, or manage this electromagnetic pulse generator system.

This instruction manual comprehensively outlines all essential safety information regarding installation, preventive and corrective maintenance, uninstallation, and disposal, which every professional is required to read and comprehend.

After the installation of MAGNETO, a significant reduction in bird presence can typically be observed, generally in the range of 80–90% compared to the population present before installation. The remaining birds will usually continue to decrease over the following weeks as they gradually change their roosting and resting habits.

It is important to consider the natural behavioral patterns of birds, as well as the fact that a small percentage of the population may exhibit more persistent behavior than the rest of the flock and therefore may require a longer adaptation period before abandoning the area.

INDEX

SAFETY GUIDELINES

- 2.1. General and obligatory safety measures: 3
- 2.2. Security Measures to be Implemented by the Buyer.....4
- 2.3. Supplementary information: 5
- 2.4. Risks Associated with Misuse: 6
- 2.5. Warnings included in the system: 7
- 2.6. Safety Protocols During the Installation Process: 8

TECHNICAL SPECIFICATIONS 8

- 3.1. Description: 8
- 3.2. Technical Data: 9

Any alterations to the MAGNETO System or the inductor mesh, or usage in an unintended manner, are strictly prohibited. If there is any uncertainty regarding its application, please contact AVIANOVA srl.

2. Given their design for professional and/or industrial applications, this SYSTEM and the inductive loop must NEVER be accessed by children, adolescents, or the elderly, nor should they approach this system. Individuals with pacemakers are also prohibited from using this system.

Pacemaker Safety Notice

Due to the electromagnetic pulses generated by the MAGNETO system and its inductive circuit, the manufacturer strictly prohibits the presence of individuals with implanted cardiac devices (including pacemakers and defibrillators) within the operating area of the system.

A mandatory minimum safety distance of 2 meters must be maintained at all times between any pacemaker patient and the Magneto control unit, the high-insulation cable, and the entire inductive perimeter circuit.

This precaution is required to prevent potential interference with the pacemaker's sensing and magnet-response functions. The entire active inductive circuit is considered an electromagnetic emission source and must therefore be included in the exclusion zone.

Failure to respect this safety distance constitutes improper use of the equipment and releases the manufacturer from any responsibility.

3. Prior to use, thoroughly review all instructions and warnings contained in this Instruction Manual;
4. These warnings may be associated with the resistor and inductor circuit.
5. Maintain a clean and organized work area at all times;
6. When utilizing scaffolding or elevated work platforms, refrain from holding tools above them, as this may result in their falling and potentially lead to an accident in the workplace.
7. The system must not be installed during rainy conditions or in the presence of Atmospheric Electrical Dispersion (AED);
8. Avoid installing the system on damp or wet roofs to prevent serious accidents;
9. The system must not be installed in proximity to flammable liquids or gases, where there exists a risk of explosion;

10. Ensure that no part of your body comes into contact with the induction circuit while the reactor is operational, as this may result in an electric shock.

11. Do not permit or direct unauthorized and untrained individuals to come into contact with the reactor and inductive circuit;

12. During the installation process, secure the site using zebra tape, sheeting, cones, or other isolation devices;

To connect the reactor, the purchaser must supply a power socket equipped with a female plug (2 pt + t) featuring two points plus earth, along with the installation of a circuit breaker rated at 6 amperes or less and an energy differential switch (IDR).

14. VERIFY whether the voltage (110 or 220V) and the mains frequency (50 or 60Hz) are accurate.

15. During the installation of the inductive circuit, it is imperative to NEVER leave the reactor powered on. Always ensure that the reactor is turned off and that the high insulation cable is disconnected from the equipment to prevent any flow of energy.

16. It is essential for the installation site to possess an earthing system, as an effective earthing system enhances the proper functioning of protective devices, including fuses, circuit breakers, residual current devices (RCDs), and surge protective devices (SPDs). This ensures their timely operation, thereby reducing the likelihood of more severe accidents.

It is essential to emphasize that in these instances, a well-executed earthing system ensures the safety of individuals' physical integrity by preventing electric shocks resulting from indirect contact with exposed metal components that conduct electricity.

17. The professional must NEVER install this equipment while under the influence of drugs, alcohol, or any other substance that impairs their capabilities and affects the central nervous system;

18. Utilize safety boots that possess a valid CA, of the non-slip variety, either without a toe cap or featuring a composite toe cap, and devoid of a steel toe cap;

19. Always use safety glasses or a clear AC safety mask during any phase of system installation.

20. Always use protective gloves;

21. Always use a protective helmet;

22. In areas with significant traffic, it is essential to wear a reflective vest at all times.

23. Always utilize safety harnesses.

26. During maintenance, always disconnect the SYSTEM from the external power source;

27. The professional is required to adhere to the prevailing safety regulations.

28. The professional must be properly secured with a rope, lanyard, or fall arrest device when performing system installations at heights exceeding 2 meters, in accordance with the prevailing regulatory standards in this domain.
29. For work conducted with scaffolding, the area must be secured with zebra tape, tarpaulin, cones, or other appropriate measures to isolate the site, and both the scaffolding and the professional must be properly anchored.
30. If the system requires working in height the installation should be conducted by personnel authorised to work on heights as per regulations.
31. Repairs, maintenance, or disassembly of the system must be conducted by qualified professionals trained by AVIANOVA srl.
32. Utilize only original components provided by the manufacturer; otherwise, this may jeopardize the system's functionality.
In conjunction with the aforementioned collective and individual safety measures, the following **MUST** be implemented;

2.2 Security measures to be implemented by the purchaser:

1. Restrict access to the system for untrained individuals;
2. Evaluate whether the professionals granted access to the system are provided with personal protective equipment in accordance with this technical manual;
3. Ensure that the professional is not under the influence of alcohol, medications, drugs, or other substances that impair their abilities and affect the central nervous system;
4. Whether the professionals involved are provided with collective protective equipment (CPE), such as ropes for on-site anchoring;



2.3 Supplementary Information

- **Heat:**

The inductive network is devoid of heat sources that could disrupt environmental conditions and pose risks to the professional.

- **Vibrations:**

The system does not produce any form of vibration.

2.4 Risks of Improper Use

The electromagnetic pulse generator system has been purposefully engineered to discourage pigeons from settling in the areas where it is installed. Given the bespoke nature of this project, any modifications made by the purchaser must be communicated in writing to AVIANOVA srl to ensure both correct operation and safety.

As such, any use of the MAGNETO system beyond the scope detailed herein will be considered a significant safety hazard

2.5 Warnings existing within the system

- **The MAGNETO system must not come into contact with water;**
- **Avoid contact with the inductive circuit while the MAGNETO system is powered on to prevent the risk of electric shock.**
- **Unless you are a qualified professional, refrain from interacting with the MAGNETO system while it is operational to mitigate the risk of electric shock.**

2.6 Safety Protocols During the Installation Process



WARNING: RISK OF ACCIDENTS



Always ensure the proper use of PPE before installing the system.

Always ensure the proper use of a well-fitted safety harness when working at height anchored;

Always remember to secure the scaffolding firmly.

Never perform maintenance on the inductive circuit while the MAGNETO is switched on.

Technical Specifications



3.1. Description:

This Instruction Manual is designed to outline the proper and safe methods for installing, using, and maintaining the MAGNETO system, encompassing all reasonably foreseeable operations and all phases of its lifecycle.

It is a system consisting of a board, capacitors, flat wires, and highly insulated wires, which generate rotational electromagnetic pulses that can interact with the geopositioning system of avian species (such as pigeons, seagulls, jackdaws, and crows) by activating the animal's neurosensory axis.

The bird perceives electromagnetic pulses through a branch of the ophthalmic nerve that is directly linked to the magnetite crystals situated at the upper base of its beak (cerumen) and the central nervous system. This activation results in disorientation for the pigeon, as it relies on the Earth's magnetic field for navigation.

The coverage capacity differs based on the equipment model. MAGNETO has a coverage capacity of 500 linear meters.

3.1. Description:

MAGNETO has the ability to cover 500 lineal meters of built surface. This system is applicable in various settings, including industries, retail establishments, and educational institutions, where it is essential to achieve pigeon repellency, excluding squares, open courtyards, and ground-level areas.

It is a versatile and user-friendly system, constructed in accordance with standards of quality, safety, and durability. The mode of operation is manual.

This description aims to inform any individual, regardless of their direct or indirect involvement with this system, who seeks to understand its proper and effective functioning for a variety of purposes.

It is essential for the user of this system to read and comprehend this Instruction Manual to ensure the equipment is utilized as safely as possible, while also adhering to the safety standards established by the owning company.

This system comprises four primary components: Board, Capacitor/Insulator, Insulated Copper Wire, and High Insulation Wire.

The board is tasked with emitting electromagnetic pulses to the inductor ring.

The capacitors and insulators serve the purpose of storing a portion of the energy that traverses the network while also supporting the insulated copper wire, thereby preventing contact with the building in which they are installed.

The insulated copper wire forms the inductor mesh and is responsible for transmitting the electromagnetic pulses generated by the board.

The high insulation wire transmits electromagnetic pulses from the reactor to the inductor mesh. This wire features specialized insulation that allows it to contact structures without causing the system to ground.

The MAGNETO System features an IP68-rated plastic cabinet, providing a sturdy, durable, and secure structure for this type of equipment. All operational functions, including power on and off, are executed through a button situated at the base of the device.

The capacitors and insulators consist of a blend of polyamide 6 (PA6) and polyamide 66 (PA66). Polyamides are materials frequently utilized in the electrical and electronic industries due to their superior electrical insulation, enhanced hardness, and increased rigidity, which ensure the longevity of products even when subjected to sunlight and rain.

double-insulated cable

CAVO ALTO ISOLAMENTO

I cavi di isolamento sono indicati per l'uso del sistema HTX MAXX



SPECIFICHE TECNICHE

MATERIALI

Conduttore:	Filo di rame stagnato flessibile
Isolamento:	Polietilene a bassa densità (LDPE), temperatura normale di esercizio sul conduttore 70°
Copertura:	Composto termoplastico in cloruro di polivinile (PVC ST1), flessibile

Colori di copertura	
Confezione:	Rotolo da 50 o 10 m

DATI COSTRUTTIVI

Materiali	Codice:	Formazione della corda (trefoli x mm)	Area fune (mm²)	AWG	Tensione di isolamento	Diametro nucleo (mm)	Diametro copertura (mm)	Peso (kg/Km)
5mm	200300200	7X0,193	0,20	21	12KV	3,70	4,80	23,25

insulated copper wire

RISULTATI OTTENUTI SU FILO SMALTATO

Punto Della norma

Vallore della Norma

CARATTERISTICHE FISICHE

Aspetto :	OK		
Diam. Conduttore (mm):	0.8015	IEC 60317-0-1 4.1	(0,792 - 0,808)
Ovalizzazione del conduttore (µm):	1	IEC 60317-0-1 4.2	(8)
Ovalizzazione esterna (µm):	1		
Diam. Esterno (mm) (*):	0.8635	IEC 60317-0-1 4.4.1	(0,856 - 0,884)
Sovraspessore (µm) :	62	IEC 60317-0-1 4.3.1	(56)

CARATTERISTICHE MECCANICHE

Flessibilità avvolgimento :	OK	IEC 60317-0-1 8.1	(1xØ)
Allungamento (%) :	41	IEC 60317-0-1 6	(30)
Angolo di ritorno (°):	41	IEC 60317-0-1 7.1	(43)
Trazione brusca :	OK		
Aderenza :	OK	IEC 60317-0-1 8.2	(Hasta rotura)
Abrasione Unidir. (N) :	OK	IEC 60317-13 11	(9.9)
Slittamento (gr) :	2500		

CARATTERISTICHE TERMICHE

Termoplasticità (°C) :	OK	IEC 60317-13 10	(320°C 1 min. Calentamiento + 2 con 9,00 N)
Urto Termico:	OK	IEC 60317-13 9.1	(Ø 1.800 220°)

CARATTERISTICHE DIELETTRICHE

Tensione perforazione media TWIST (V):	14180	IEC 60317-0-1 13.2	(4900)
Continuità Isolamento:	OK		
Tg. Delta (°C) :	206		

CARATTERISTICHE CHIMICHE

Resistenza ai solventi:	OK
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ALTRI

Resistencia Ohmica (Ohm/m):	OK
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ATTENTION!



ASSEMBLY SEQUENCE

Before beginning installation, read this instruction manual. After removing the components from their packaging, visually inspect them for defects.

Any defects must be reported to the supplier before assembly and installation.

Any complaints regarding product imperfections will be accepted ONLY if reported before assembly and installation.

Upon completing the initial winding in the capacitor, subsequent windings should adhere to the principles of spirals, ensuring the formation of a single spiral. Therefore, if the wires are initially passed in a counterclockwise direction, all subsequent spiral formations must follow this orientation. Conversely, if the initial passage is in a clockwise direction, all additional turns must conform to this direction.



3.1. Description:

The insulated copper wire measures 0.80 mm in diameter.

The high-insulation wire is linked to the system via the cable gland situated on the side of the equipment, subsequently connecting directly to the inductive loop through an insulated connector with the previously stripped high-insulation wire.

This system has been developed in accordance with the highest safety standards, and for this reason, the equipment has integrated the following safety systems:

- Surge and transient protection device featuring one glass safety fuse, varistors designed to discharge energy to the ground, and resistors to reduce energy return to the varistors and other components;**
- Dual filtration to mitigate radiated and conducted energies**

3.2. Technical Specifications:

The primary technical characteristics of this system are outlined below:

Input Voltage 110/220

Input Frequency 50/60 Hz

Output Voltage Pulse 1500 - 4000 Volts Slow

Output Frequency

33 kHz

15 kHz

7,5 kHz

3 kHz

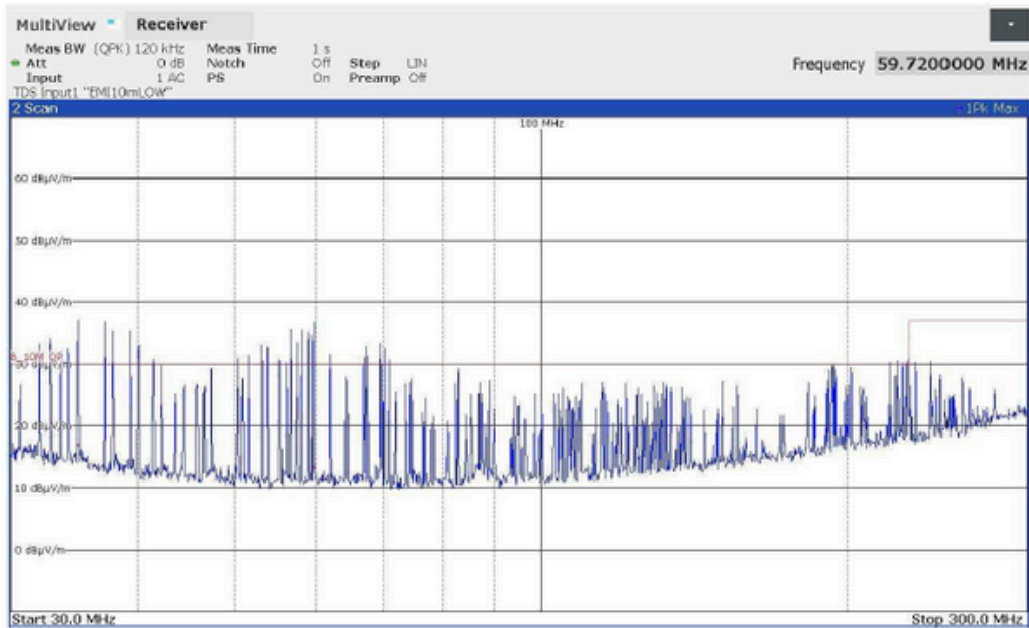
2 kHz

1 kHz

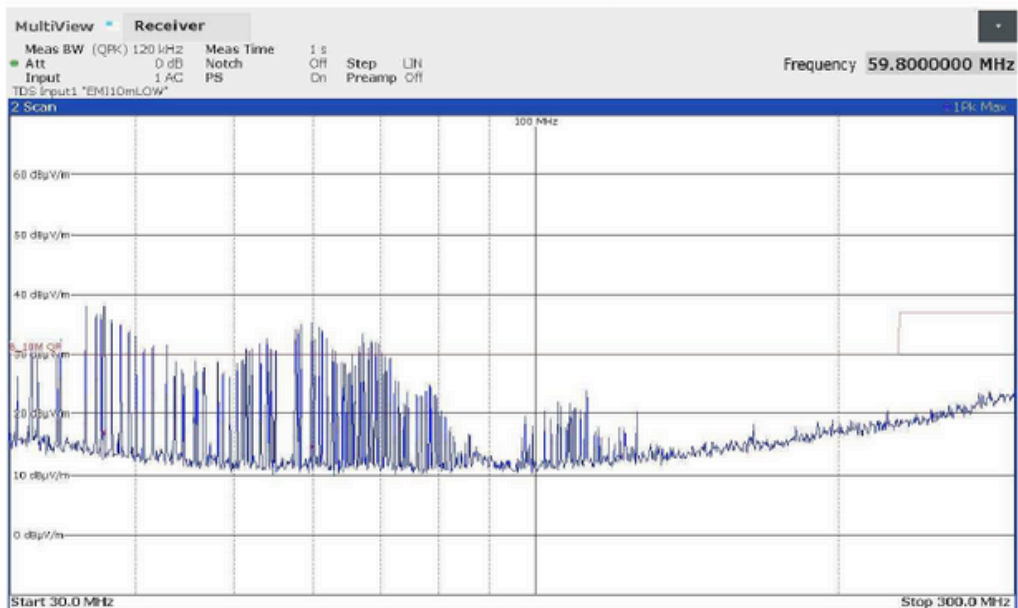
high output frequency with a pulse duration of 10 μ s from 150 Hz to 200 Hz, from 100 Hz to 150 Hz, from 50 Hz to 100 Hz, from 25 Hz to 50 Hz, and from 10 Hz to 25 Hz. Power dissipation is 10 watts. CAN bus I/O for networking.

Electromagnetic Compatibility CE - Test Successfully Completed
for electromagnetic compatibility in residential and industrial settings.
EN 61000-6-2 EN 61000-6-3

Gandini 250107010-Vert-In funzione+ferrite su cavo AC-diversa modulazione- carcassa a PE-scatola plastica



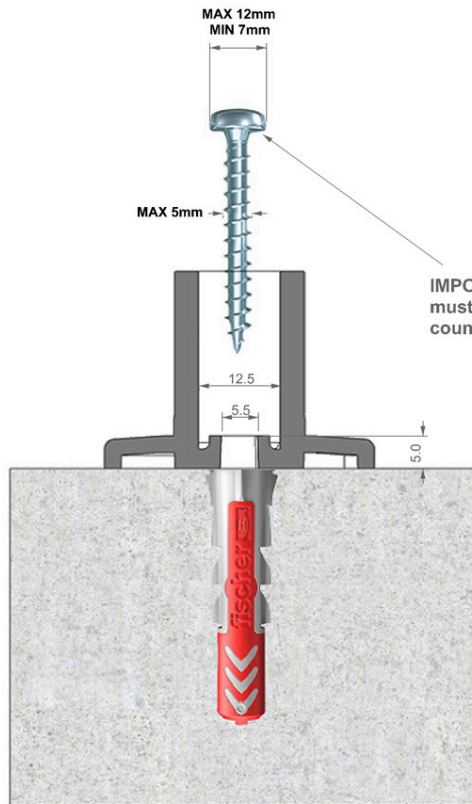
Gandini 250107011-Vert-In funzione+ferrite su cavo AC + su cavo OUT + collegato tutto il circuito-diversa modulazione-carica



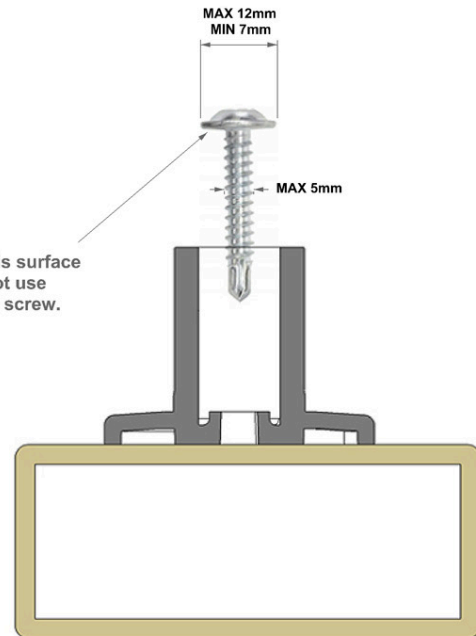
INSTALLATION

Positioning the first insulator/capacitor:

The insulator is attached to the surfaces using self-tapping screws or specific adhesives, depending on the type of surface.

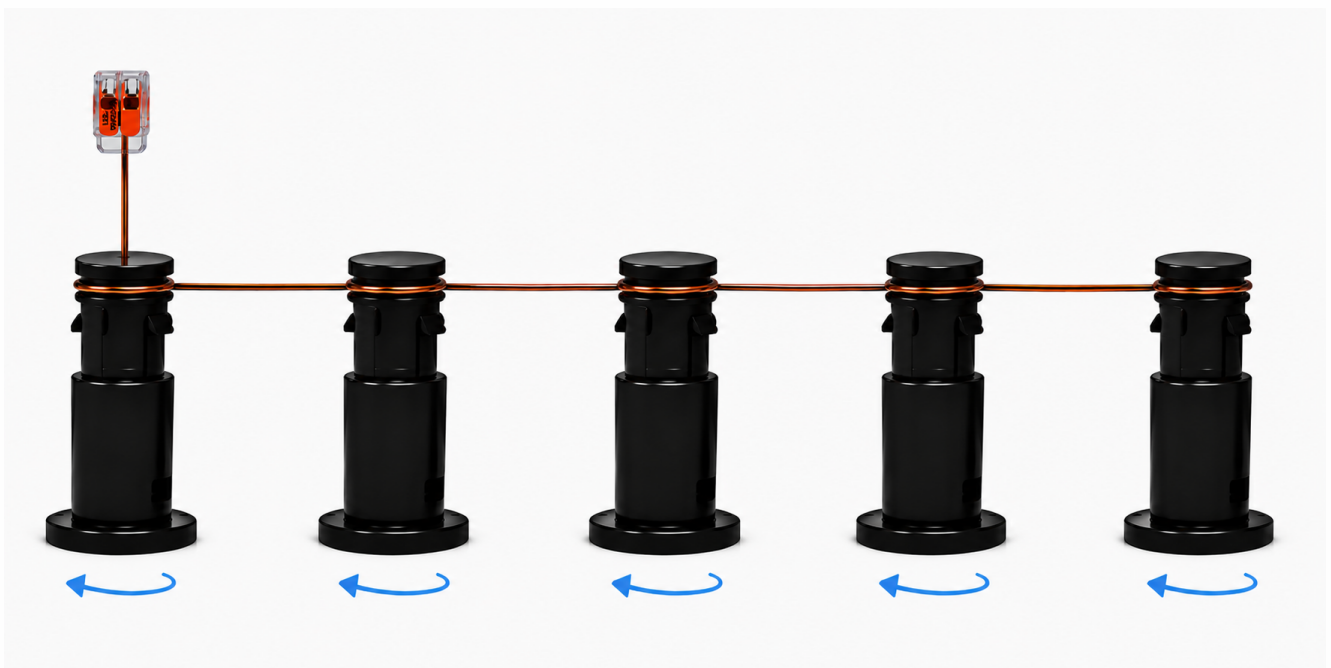


CONCRETE or BRICKS



METAL SHEETS

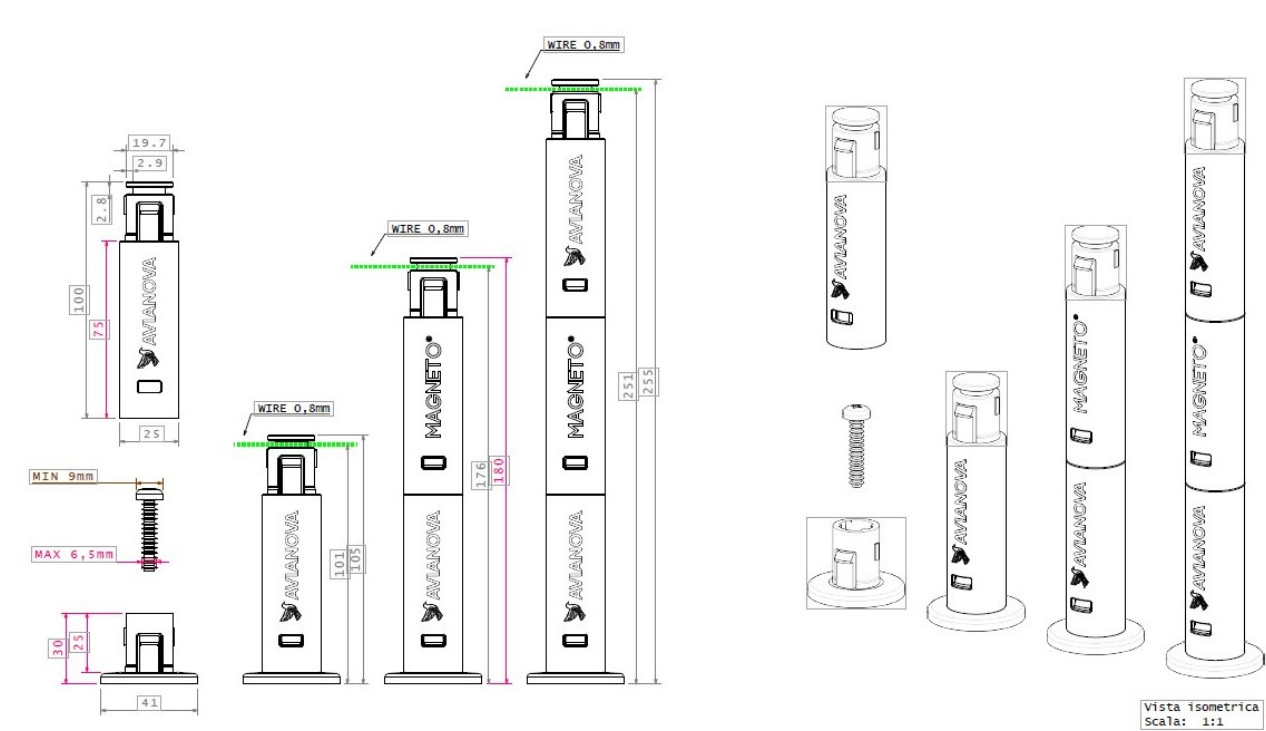
Starting from the first insulator, a clockwise ring is created, thus defining the direction of the entire system.



Example of line closures as shown in the figure



ISOLATOR VIEW



ISOLATORS vs. ELECTROMAGNETIC FIELD

Aumentare il numero di isolatori significa aumentare l'altezza del conduttore rispetto alla superficie da proteggere.

When the copper wire is positioned higher, the electromagnetic field is no longer concentrated near the surface, but spreads out in a larger volume in space. Each insulator added to the height increases the distance between the conductor and the surface, allowing the electromagnetic field to propagate more widely and uniformly across the protected area. In low-bird pressure situations, such as simple roosting areas, a single insulator configuration is generally sufficient. However, in the presence of metal surfaces, feeding areas, or particularly persistent species such as seagulls, it is advisable to increase the number of insulators to amplify the electromagnetic field volume and improve coverage of the affected area. In practical terms, the further the conductor is distanced from the surface by the insulators, the greater the "perceived volume" of the electromagnetic field will be for birds, thus increasing the system's effectiveness in more demanding applications.



Low Pressure 1 isolator

Rest areas, occasional coupling, roof edges



Medium Pressure 2 overlapping isolators

The wire is raised and the electromagnetic field covers a larger volume, ideal for power supply areas, photovoltaic systems and metal structures.



High Pressure 3 overlapping insulators

The wire reaches the maximum height and generates the maximum volume of the electromagnetic field, a solution recommended for seagulls and areas with high bird pressure.

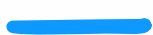
A typical Installation of Magneto



Insulators



Insulated Copper Wire



Double-insulated cable



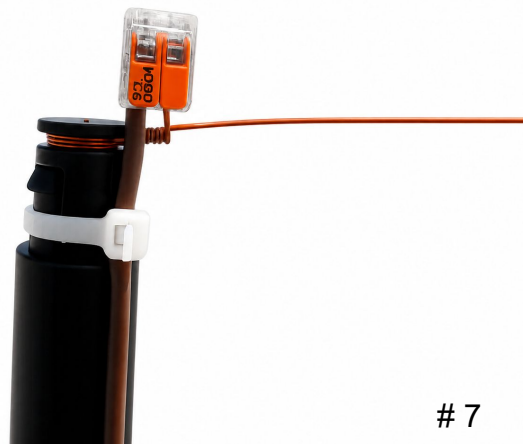
MAGNETO system

MAGNETO



Dimensions: 400x300x170mm

The double-insulated cable coming from the MAGNETO system is connected as shown in Figure #7.



7

The connectors supplied for any connections along the line are equipped with a quick-connect system, as shown in Figure #8.



8

The connectors supplied for any line terminations along the installation are equipped with a quick-connect system, as shown in Figure #9.



9

MAGNETO KIT

	MAGNETO SYSTEM	1 Pcs
	ISOLATOR COMPLETE WITH BASE AND STEM	HOME - 100 Pcs PRO - 175 Pcs
	ENAMELED COPPER WIRE	HOME - 250 Meters PRO - 500 Meters
	DOUBLE- INSULATED WIRE	50 Meters
	2 way Quick-Connect Terminal Block	10 Pcs
	3 way Quick-Connect Terminal Block	10 Pcs
	TERMINATION CONNECTOR	10 Pcs

We recommend acquiring the DURFICST 5 in 1 Rechargeable Digital Electromagnetic Detector to verify the proper operation of the MAGNETO system and to confirm the absence of leaks or malfunctions.



EU Declaration of Conformity

We,

Company name:

AVIANOVA

Postal address:

SAT. MÂNĂSTIREA - COM. CREVEDIA 00000 ȘOS.
BUCUREȘTI-TÂRGOVIȘTE Nr. 232

Postcode and city;

137180 Crevedia, Romania

Telephone number:

E-mail address:

info@avianova.eu

declare that the DoC is issued under our sole responsibility and belongs to the following product:

Apparatus model / Product:

Electromagnetic bird deterrent

Trademark:

MAGNETO

Model/Type:

MAGNETO

Batch:

32/25

Serial number:

1 of 150

The object of the declaration described above is in conformity with the relevant Union harmonisation legislation:

- **2014/30/EU ElectroMagnetic Compatibility Directive (EMCD)**
- **2014/35/EU Low Voltage Directive (LVD)**
- **2011/65/EU Restriction of the use of certain hazardous substances Directive (RoHS Directive)**
- **2015/863/EU Delegated Directive amending Annex II of Directive 2011/65/EU of the European Parliament and of the Council regarding the list of substances with usage restrictions**

The following harmonised standards and/or technical specifications have been applied:

IEC 61000-6-3-2020
IEC 61000-6-1-2016

EN IEC 61000-6-3-2021
EN IEC 61000-6-1-2019

Crevedia

Date

.1-.1-0.03

Signature

Don Kurukulaaratchy

Position

Rca f lga_j Bgpcarp





COMPLIANCE DECLARATION

on the restriction of the use of certain hazardous substances established by **EU DIRECTIVE 2011/65** (RoHS 2), amended by **EU DIRECTIVE 2015/863** on March 31st, 2015.

ESSEGI SYSTEM SERVICE SRL, with registered office located in via Zambon 14-16, 36051, Creazzo, Vicenza, Italy, legally represented by Alessandro Bilato, hereby declares to have read and understood the provisions of the European DIRECTIVE 2011/65 for the restriction of the use of certain hazardous substances in electrical and electronic equipment (RoHS 2).

ESSEGI SYSTEM SERVICE SRL hereby declares that all its supplied products comply with the aforementioned European DIRECTIVE for the restriction of the use of certain hazardous substances, particularly with article 4 paragraph 1, which establishes maximum concentration values tolerated by weight in homogeneous materials in electrical and electronic equipment as follows:

Table 1 – Restricted substances referred to in the RoHS Directive

Substance	Maximum concentration values	
Lead and its compounds	0,1% by weight in the homogeneous material	(1g/Kg-1000ppm)
Mercury and its compounds	0,1% by weight in the homogeneous material	(1g/Kg-1000ppm)
Cadmium and its compounds	0,01% by weight in the homogeneous material	(100mg/Kg-100ppm)
Hexavalent Chromium and its compounds	0,1% by weight in the homogeneous material	(1g/Kg-1000ppm)
Polybrominated biphenyls (PBB) 0,1%	0,1% by weight in the homogeneous material	(1g/Kg-1000ppm)
Polybrominated diphenyl ethers (PBDE) 0,1%	0,1% by weight in the homogeneous material	(1g/Kg-1000ppm)
Bis(2-Ethylhexyl) phthalate (DEHP) 0,1%	0,1% by weight in the homogeneous material	(1g/Kg-1000ppm)
Benzyl butyl phthalate (BBP) 0,1%	0,1% by weight in the homogeneous material	(1g/Kg-1000ppm)
Dibutyl phthalate (DBP) 0,1%	0,1% by weight in the homogeneous material	(1g/Kg-1000ppm)
Diisobutyl phthalate (DIBP) 0,1%	0,1% by weight in the homogeneous material	(1g/Kg-1000ppm)

*** Homogeneous material: a material of uniform composition throughout or a material, consisting of a combination of materials, that cannot be disjointed or separated into different materials by mechanical actions such as unscrewing, cutting, crushing, grinding and abrasive processes.**

Exemptions to the RoHS Directive:

- To the equipment necessary for the protection of essential interests in the field of security and defense of member states, including weapons, ammunition, and military equipment intended for specifically military purposes;
- To the equipment intended to be sent into space;
- To devices specifically designed to be installed as parts of another piece of equipment,





excluded or not covered by the aforementioned directive, which can only perform their function because it is part of that equipment and can only be replaced by identical, specifically designed devices;

- To large-scale stationary industrial tools;
- To large-scale fixed installations and industrial plants;
- To means of transport for people or goods, excluding non-homologated electric two-wheel vehicles;
- To non-road mobile machinery intended solely for professional use;
- To active implantable medical devices;
- To photovoltaic panels intended for use in a system designed, assembled, and installed by professionals for permanent use in a designated location, for the purpose of generating energy from sunlight for public, commercial, industrial, and residential applications;
- To equipment specifically designed for research and development purposes, made available solely within the context of business relationships.

This declaration is based upon the statements and declarations of our vendors and suppliers, which are regarded as accurate and reliable. ESSEGI SYSTEM SERVICE SRL provides this declaration in good faith.

PLACE	DATE	SIGNATURE of LEGAL REPRESENTATIVE
Creazzo, Province of Vicenza	16/09/2025	Mr. Alessandro Bilato  ESSEGI SYSTEM SERVICE S.R.L. Via Zambon, 14/16 - 36051 CREAZZO (VI) Tel. 0444.376060 - Fax 0444.378119 Partita IVA 00919390245 C.C.I.A.A. 161545 - R.E.A. VI-259382





Protecting Spaces with Technology & Precision