Technical Specification

MAGNETO®

VERSION III/02/01/2026 - Provided by Avianova.

NON-LETHAL ELECTROMAGNETIC BIRD DETERRENT SYSTEM

MAGNETO generates controlled low-intensity electromagnetic pulses transmitted through a single conductor output.

The system is designed for residential, commercial and industrial bird-control applications, with a dedicated ATEX version for applicable hazardous environments.

GENERAL TECHNICAL SPECIFICATIONS

System type	Non-lethal electromagnetic bird deterrent system
Operating principle	Controlled low-intensity electromagnetic pulses
Power supply	110 V AC or 220 V AC
Mains frequency	50 Hz
Power consumption	10 W
Operating temperature	-20 deg C to +60 deg C
Ingress protection	IP67
Generator outputs	1 conductor output
Generator box dimensions	450 x 300 x 380 mm
Generator box weight	10 kg
Mounting	Vertical wall-mounted installation
Warranty	24 months

APPLICATIONS

Residential, commercial and industrial bird control. ATEX environments: use MAGNETO ATEX.

COMPLIANCE / CERTIFICATIONS

CE, FCC, RoHS, ATEX* (*ATEX applies to the MAGNETO ATEX model).

Unit 1-3 Cedar Park
30 Terminus Road
Chichester, West Sussex
PO19 8GT

01903 538 488

sales@pestfix.co.uk

www.pestfix.co.uk

MODEL CONFIGURATION & INSTALLATION

MODEL COMPARISON

PARAMETER	MAGNETO HOME	MAGNETO PRO	MAGNETO ATEX
Copper conductor length	250 m	500 m	500 m
Conductor material	Enameled copper	Enameled copper	Enameled copper
Conductor diameter	0.8 mm	0.8 mm	0.8 mm
Isolators supplied	100 pcs	175 pcs	175 pcs
Double-insulated connection cable	50 m	50 m	50 m
Connector	IP68 push	IP68 push	IP68 push
Kit weight	14.5 kg	15.5 kg	16 kg
Compliance / certifications	CE / FCC / RoHS	CE / FCC / RoHS	CE / FCC / RoHS / ATEX

INSTALLATION & ELECTRICAL REQUIREMENTS

Recommended isolator spacing	1.5 - 2.5 m
Unit mounting	Wall-mounted, vertical
Electrical insulation	Double-insulated device; protective grounding is not required for the MAGNETO unit
Building electrical installation	The building electrical installation should be correctly grounded
Upstream electrical protection	RCD and appropriate circuit protection are recommended

SAFETY PRECAUTION

CARDIAC PACEMAKERS

Manufacturer precaution: persons with cardiac pacemakers should maintain a minimum distance of 2 m from the MAGNETO system.