Effitek



F Notice d'utilisation / Clôture anti-fugue invisible à stimulations électrostatiques
GB Instructions for use / Invisible electrostatic containment system
D Gebrauchsanweisung / Unsichtbarer Zaun mit elektrostatischen Impulsen
NL Gebruikshandleiding / Onzichtbare omheining door middel van elektrostatische impulsen p. 21
E Folleto de utilización / Valla anti-fuga invisible de estimulaciones electroestáticas
Istruzioni per l'uso / Recinzione anti-fuga invisibile a stimolazione elettrostatica



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F - Boîtier émetteur GB - Transmitter

D - Sendegehäuse NL - Zender

E- Caja del emisor

I - Trasmettitore

F - Voyant vert GB - Green light

D - Grüne Leuchte
NL- Groen lampie

E - Indicator luminoso verde

I - Spia verde



F - Bornes de _____ branchement du fil antenne

GB - Antenna wire connections

D - Anschlussklemmen des Antennendrahts

NL- Aansluitklem voor de antennedraad

E - Conexiones del cable de antena

 I - Morsetti de collagemento del filo antenna 2

F - Boîtier Récepteur GB - Collar receiver

D - Empfängerhalsband

NL - Halsband

E - Collar-receptor

I - Collare-ricevitore

F - Trappe de pile

GB - Battery acces panel

D - Verschluss des Batteriefaches

NL - Toegangsluikje van de batterij

E - Trampilla para acceder a la pila

I - Vano d'accesso alla pila



F - Point vert pour activer le collier et les modes

GB - Green point (on/off and mode selection system)

D - Grüner Knopf zum Aktivieren des Halsbands und der Betriebsarten

NL - Groen punt om de halsbanden en de verschillende standen in werking te stellen

E - Punto verde para activar el collar y los modos

I - Punto verde per attivare il collare a le modalità



NL - Potentiometer E - Potenciómetro

I - Potenziometro

F - Branchement au secteur

GB - Power connection

D - Anschluss an die Netzversorgung

NL - Aansluiting op het elektriciteitsnet

E - Conexión a la red elétrica

I - Collegamento alla rete

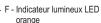


GB - Electrode contact points
D - Kontaktpunkte der
Elektroden

NL - Contactpunten van de elektroden

E - Puntos de contacto de los electrodos

I - Punti di contatto degli elettrodi



GB - Luminous indicator:

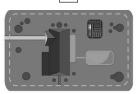
orange LED
D - Leuchtanzeige:
orange LED

NL - Lichtgevende verklikker: oranie LED

E - Indicator luminoso: LED naranja

I - Indicatore luminoso: LED arancione





F - Délimitation classique

GB - Classical boundary

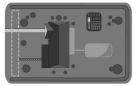
D - Klassische Eingrenzenzung des Grundstücks

NL - Klassieke afbakening van het terrein

E - Delimitación clásica

I - Delimitazione classica

В



F - Délimitation de l'entrée

GB - Restriction to the entry

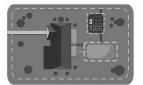
D - Eingrenzung des Eingangsbereichs des Grundstücks

NL - Afbakening van de toegang tot het terrein

E - Delimitación de la entrada

I - Delimitazione dell'ingresso

С



F - Délimitation de plusieurs zones

GB - Whole garden boundary with exclusion areas

D - Eingrenzung des Grundstücks und Zugangsverbot für einige Bereiche

NL - Afbakening van het terrein en toegangsverbod voor sommige zones

E - Delimitación de ciertas zonas

I - Delimitazione di accesso ad alcune zone



F - Fil torsadé = annulation du signal

GB - Twisted wire, which cancels the signal D - Verdrillter Draht, der das Signal löscht

NL - Ineengestrengelde draad die het signaal opheft

E - Alambre retorcido que anula la señal

I - Filo intrecciato che annulla il segnale

F - Signal actif

GB - Working signal

D - Wirksames Signal

NL - Doeltreffend signaal E - Señal eficaz

I - Segnale efficace



Congratulations on your new invisible electrostatic containment system. Before using your new system, carefully read the instructions given in this manual.

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1 - INTRODUCTION

Your containment system is designed to keep your unrestrained dog safety inside or outside a perimeter which you have defined.

This will allow you to keep your dog from running away and prevent it from getting into restricted areas.

Caution: The containment system is not a physical barrier. The system is designed to train your dog, by static correction, to stay within a pre-defined perimeter. Preliminary training is indispensable to ensure the system works efficiently. We cannot be held liable for any physical injury, damage, financial loss or indirect adverse effects resulting from your pet leaving the perimeter defined by the containment system.

2 - SAFETY PRECAUTIONS

- Before using the collar, check with your veterinarian to make sure there are no contraindications
- This collar must only be used with dogs which are at least 6 months old and weigh more than 4 kg.
- Do not place any other collar around your dog's neck.
- Do not leave the collar on your dog's neck for more than 8 hours per day and regularly check that the contact area is free of any irritations.
- The collar is watertight to immersion provided the battery holder is properly closed.
- To store the collar, remove the battery from the housing in order to preserve its service life, and keep it away from any area where it may be exposed to high temperatures.
- Only use batteries distributed by your dealer.
- Install the transmitter unit indoors in a dry area and disconnect the entire containment system in the event of a storm or when not used for an extended period of time.
- Do not try to disassemble the product; this will immediately cancel the warranty.
- Keep the system away from children.

3 - CONTENTS OF THE KIT

(See image on page 2)

- 1. 1 transmitter unit
- 2. 1 230V power adapter

- 1 receiver unit
- 4. 1 adjustable strap made of biothane
- 5. 2 sets of electrodes (short, long)
- 6. 1 3V lithium battery CR2
- 7. 1 magnetic disk to open the battery compartment and to select the operating modes
- 8. 1 100 m reel (328 ft) of antenna wire (Ø 0.66 mm² / 7.1 sq.ft)
- 9. 1 set of 25 boundary flags
- 10. 1 test light
- 11. 1 DVD showing installation and use
- 12. 1 user manual
- 13. 1 warranty certificate
- 14. 1 declaration of conformity

4 - OPERATING PRINCIPLE

The containment area where you want your unrestrained dog to stay is defined by installing an antenna wire by which a radio signal from the transmitter is transmitted to the receiver collar.

When your dog approaches the defined limit, the receiver collar on its neck generates an audible signal (series of beeps). If your dog continues to approach the limit, it receives a series of harmless static corrections (mode to be selected). As soon as your dog moves away from the prohibited area, the static corrections stop and the beeps continue. If he continues to move away, the beeps also stop.

The signal range (distance between wire and receiver collar) can be defined on either side of the wire by a control knob located on the transmitter.

5 - SETTING UP THE SYSTEM

Step 1: Draw a ground plan of the authorised area

(See examples - Diagrams A, B, C, page 3)

Plot out the system installation plan by defining the authorised areas and the position of the antenna wire and the transmitter. The containment area must form a loop which starts and ends at the transmitter unit.

Caution: The transmitter generates a signal with a range of up to several meters on either side of the wire (depending on the total length of wire used). Be sure to allow sufficient space for your dog to move around freely within the limits. The range is adjusted using the control knob (see diagram 1, page 3).

Step 2: Install the transmitter

The transmitter must be installed indoors, in a dry and protected location having a temperature greater than 0° C (sheltered from the sun, cold, weather and water projections).

It must be placed near a power outlet.

Caution: To avoid interference, do not install it near electrical devices (circuit-breaker, water heater, clothes washer, etc.). Do not run the antenna wire alongside other electrical or telephone wires.

Secure the transmitter on a wall at least 1 m (3.28 ft) off the ground using flat head screws with maximum diameter of 4 mm (0.16 in.). Set up the system so that you can bring the antenna wire out through a window, or a door, etc.

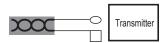
Connection of the transmitter to mains power and to the antenna wire will be performed in Step 4.



Step 3: Layout the boundary antenna wire

Starting from the transmitter, layout the wire along the defined perimeter and come back to the transmitter by forming a continuous loop. You can lay the wire on the ground or bury it (see Step 8), or secure it to a non-metallic fence or to an existing wall (no higher than 0.50 m (1.64 ft) with respect to the ground).

To prevent the signal from operating in certain parts of your garden, twist the "out" and "in" wires together with at least 15 twists per meter. This will cancel out the signal and the dog will not be affected where the wire has been twisted.



-Always make rounded corners (1.5m radius / 4.93 ft.radius).



- -If a double loop is used (see diagram B, page 3), keep a distance of at least 1.5 m (4.93 ft) between the "out" and "in" wires to prevent loss of signal range.
- -Set aside a 3 meter (9.85 ft)section of antenna wire for use in the event of a malfunction
- -The pack comes with a 100m reel (328 ft) of antenna wire; you can buy additional antenna wire with the wire and Flags Kit (100 m reel (328 ft) + 25 flags). The system can operate with up to 400 m (1312 ft) of antenna wire. Be sure to connect it as detailed in the Wire and Flags kit.

Step 4: Connect the antenna wire to the transmitter

Connect the antenna wire to the transmitter by stripping 1 cm (0.40 in.) of insulation from the ends and connecting them to the transmitter terminals. (see diagram 1, page 3)

Connect the power adapter to the transmitter and connect it to the power outlet: the green indicator light comes on steady (see diagram 1, page 3).

Caution: If the green indicator light flashes and the transmitter "beeps", the loop formed by the antenna wire is broken (bad connection at transmitter terminals or antenna wire broken).

-If the indicator light does not come on, this means there is a fault: power supply fault, transmitter fault (see section 9 – Troubleshooting in the event of a malfunction).

Step 5: Check that the SET-UP is in working order using the receiver collar (collar not installed on dog's neck)

1/ Install the test light to signal the static corrections:

- Slightly unscrew the electrodes on the receiver unit (see diagram 2, page 3).
- Wrap the test light leads around each metal rod.
- Manually screw the electrodes on the metal rods to secure the setup.
- The test light will come on for each static correction.

2/ Put the receiver unit into service:

- Unscrew the battery compartment cover using the magnetic disk as screwdriver.
- Insert the battery observing the polarity indicated on the housing (the "plus" should be visible from the outside).
- Screw on the battery compartment door. An audible beep will sound: the battery is properly inserted and the system tightness is ensured.
- Briefly pass the magnetic disk in front of the green dot on the housing (magnetic contact): a short beep will sound + the orange LED will come on for 50 ms. The unit is operating and the orange LED flashes every 3 seconds. (see diagram 2).

3/ Set the control knob to the minimum position, fully left. (see diagram 1, page 3).

4/ Move away from the wire, then bring the collar back toward the wire holding it at around 30 cm (11.8 in.) off the ground (as if your dog were wearing it); you should hear a beep and the test light should come on. If so, the system is ready to operate. Otherwise, refer to section 9 – Troubleshooting in the event of a malfunction.

Note: To switch OFF the receiver collar:

Briefly pass the magnetic disk in front of the green dot on the housing (magnetic contact, see diagram 2, page 3): you will hear a long beep and the LED will come on for 200 ms. To fully shut down the system, remove the battery.

Step 6: Set the trigger distance using the control knob

Note: If your dog wants to jump or climb over the obstacle, he will need to pick up speed: we recommend that you increase the trigger distance. If your dog gets past the obstacle by digging or by passing under the fence, we recommend that you set the control knob for a short trigger distance.

Diagram of control knob



Turn the knob clockwise to increase the distance between the wire and the receiver collar operating zone, or turn it counter-clockwise to decrease the distance.

Bring the receiver collar toward the wire at the height which your dog will be carrying the collar: about 30 cm (11.8 in.) off the ground, with an inclination of 45°, battery cover downward and product marking in the correct direction.

Choose the trigger distance which suits you best in accordance with the beep and the test light which comes on (indicating static correction).

Caution: This distance will vary in accordance with the length of the reel of wire used and the inclination of the receiver collar.

Step 7: Perform a test along the entire length of the perimeter + install the boundary flags

Once the trigger distance has been defined:

- -Bring the receiver collar toward the wire as if your dog was wearing it as indicated in Step 6. You will hear a beep.
- -Continue until the test light comes on and place a flag at this location.
- -Repeat this procedure along the entire perimeter, with a regular interval between each flag, and a maximum distance of 4 meters (13.13 ft) between each flag.

The flags form a visual temporary limit for your dog. You can remove the flags once your dog has become used to the system and has memorized the "authorized" area.

Step 8: Bury the antenna wire

Once you have completed the system check, you can bury the wire:

Underground

Dig a ditch with a depth of around 7 cm (2.76 in.). Place the wire in the ground. Allow a little play since the wire will contract and expand with the varying temperatures. Fill in the ditch.

In a hard surface (such as a concrete slab)

Place the wire in an expansion joint or use a grinder with a diamond disk to create a

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groove in the concrete with a depth of around 3 cm (1.19 in.).

Place the wire in the groove and cover it with a silicone seal.

In a body of water

Use a flexible sheath or a PVC tube to bury the wire.

Step 9: Install the receiver collar on your dog's neck

- 1/ Switch off the receiver (by briefly passing the magnetic disk in front of the green dot on the housing, see diagram 2, page 3).
- 2/ Remove the test light fastened to the electrodes if you have just done a system adjustment procedure.
- 3/ Choose and manually screw on the electrodes on the receiver:
 - for long hair dogs: long electrodes,
 - for short hair dogs: short electrodes.
- 4/ Install the collar on your dog's neck, tightening it so that it does not swivel on his neck (there should be just enough space to run your finger between the collar and your dog's neck). Make sure that there is a good contact between the electrodes and your dog's skin; the electrodes must go through the dog's outer and under coats.
- 5/ Move away from the wire and switch on the receiver (by briefly running the magnetic disk past the green dot on the housing, see diagram 2, page 3).

6 - 4 OPERATING MODES



Mode 1: Beeps + 8 gradually increasing static corrections

A series of beeps will precede the static correction (= warning area). If your dog continues to move toward the perimeter, he will enter the static correction area and receive a first level 1 correction. If your dog stays 50 ms longer, he will receive a new level 1 static correction. If he continues to stay in this area, he will then receive a level 2 static correction and so on, up to the maximum level (level 8) so long as he stays within the correction area.

Your dog will not receive more than four level 8 static corrections. After the 4^{th} level 8 correction, the collar automatically switches back to level 1 and reinitiates the graduated procedure.

When your dog comes out of the correction area, the correction level with which he leaves the area is stored in memory for 5 minutes. This level will decrease every 5 minutes in steps down to level 1.

Mode 2: Beeps + level 5 static corrections

A series of beeps will precede the static correction (= warning area). If your dog continues to move toward the perimeter, he will then enter the static correction area and receive a series of level 5 static corrections (one correction every 50 ms over a maximum period of 30 seconds). Beyond this period, the static corrections are stopped. To reinitiate the collar, simply bring the dog outside the static correction area.

Mode 3: Beeps + level 8 static corrections

The same principle applies here as in mode 2, but with a level 8 static correction.

Mode 4: Beeps only

Only a series of beeps are generated. When your dog has understood how the system operates, the corrections are no longer necessary.

Selection of operating modes

Switch on the receiver collar (See Step 5).

The collar is set to Mode 1 by default, and each time you remove the battery (for more than 1 minute).

Change the mode by placing the magnetic disk against the green dot on the housing (magnetic contact); the orange LED will flash (see diagram 2, page 3).

Hold the magnetic disk in this position until you hear the number of beeps corresponding to the desired mode, then release the disk:

AVAILABLE MODES	SELECTION with magnetic disk and indication on receiver
MODE 1: Beeps + 8 gradually increasing correction levels	1 beep only + 1 flash on LED
MODE 2: Beeps + level 5 static corrections	2 beeps + 2 flashes on LED
MODE 3: Beeps + level 8 static corrections	3 beeps + 3 flashes on LED
MODE 4: Beeps only	4 beeps + 4 flashes on LED

Battery low indicator

Battery low = orange LED flashes 15 times every 12 seconds.

Remove the collar from your dog's neck and replace the battery.

Replace the battery with a new battery of the same type. Any damage to the unit resulting from use of a faulty battery will cancel the warranty.

7 - TRAINING YOUR DOG

The containment system is a good way to give your dog the freedom he needs while preventing him from running away, but it is not a physical enclosure. To effectively use the containment system, your dog must first be trained as detailed in the procedure below.

BASIC RULES

- Rule 1: Limit your training sessions to 15 minutes.
- Rule 2: Have all the members of your family participate so that your dog does not associate the system to only one person.
- Rule 3: Your dog must always be held on a leash during steps 1 and 2 of the training program. Your dog must never be allowed to go past the defined limits.
- Rule 4: Systematically place the collar on your dog around 20 minutes before each training session, then remove it at the end of the session.
- Rule 5: Make sure that your dog has effectively learned each step of the training program before you go to the next step.
- **Rule 6:** Do not make any changes to your signal range setting (control knob) once you have begun the training program as this may confuse your dog (Put a mark on your transmitter at the desired setting. See diagram 1, page 3).



TRAINING PROCEDURE

Step 1: Learning the limits with a single beep (in Mode 4 / dog on leash)

- -Switch on the receiver collar, in Mode 4, and place it on your dog's neck.
- -Move toward the flags with your dog held on a leash. When you hear the beep, apply a brief yank on the leash to have your dog come back into the authorised area. Congratulate your dog. Repeat this step along the entire perimeter of the authorised area over several consecutive days.

<u>Step 2: Learning the limits with beeps and static corrections</u> (in Mode 1 / dog on leash)

- -Once your dog has integrated step 1, perform the same exercise, but this time, staying longer in the unauthorised area so that your dog triggers static corrections, then move back to the authorised area.
- -After several sessions, you should notice a change in behaviour in your dog, still held on a leash. Ideally, your dog will anticipate the static corrections and move back when it approaches the flags. Congratulate your dog.

Step 3: Learning the limits without a leash

Now that your dog is able to distinguish between the authorised area and the unauthorised area, perform the same exercise as before, but this time without a leash.

Step 4: Learning the limits without the flags

Perform the same exercise in two steps, removing every other flag, then removing all the flags.

Step 5: Your dog's training is complete

When all the flags have been removed, you can leave your dog unmonitored all day with its receiver collar activated.

Caution: To strengthen your dog's conditioning, it is good to perform a complete training session at least once every month.

8 - SERVICING YOUR SYSTEM

- Check the condition of the battery in the receiver each time before use (the led will flash repeatedly if the battery power is low). Caution: there is a risk of explosion if the battery is replaced by the wrong type of battery.
- Remove the battery from the receiver collar after each use in order to save battery life.
- Disconnect the power adapter from the wall socket to shut down the unit when the system is not being used.
- Check that the wires are correctly connected to transmitter.
- Check that the control knob is set to the position which you have defined during the training program.
- Regularly clean your dog's collar using clear water and a soft rag.

9 - TROUBLESHOOTING IN THE EVENT OF A MALFUNCTION

MALFUNCTION	WHAT TO DO	
The green indicator light on the transmitter is off.	- Check that the power adapter is connected to a power outlet and that it is connected to the transmitter. - Disconnect, then re-connect. - Try another power outlet. - Check that your electrical installation is operating correctly. If the green indicator light still does not come on, contact Customer Service (see Certificate of Warranty and labels on box).	
The green indicator light on the transmitter flashes and generates beeps.	 Check that the two ends of the antenna wire are properly connected to the transmitter in the terminals and the wire is stripped along 1 cm (0.40 in.). Check that the antenna wire is not damaged, cut or pinched by an obstacle along the entire visible perimeter. If so, repair it. If you have made any wire connections, check that they are secure. If the problem persists: test the transmitter using another, shorter antenna wire (3 m / 9.85 ft). Disconnect the power adapter. Disconnect the antenna wire from the transmitter, then connect the 3 m (9.85 ft) test wire, with its two ends appropriately stripped, to the transmitter terminals. Re-connect the power adapter. If the transmitter unit continues to generate beeps, contact Customer Service (see Certificate of Warranty and labels on box). If the transmitter unit no longer generates beeps, this means that it is operational and that the problem is located in the antenna wire loop. You will then need to isolate the location where the wire is damaged on the non-visible part of the circuit and repair it, or reinstall the complete loop. 	



MALFUNCTION	WHAT TO DO	
The receiver collar does not generate any beep or static correction in the "unauthorised" area.	 Check that the battery is not flat and that it is correctly positioned ("plus" upward on battery cover side). If this is the case, test the receiver collar using another, shorter antenna wire (3 m / 9.85 ft) and the test light provided (the test light will allow you to see the static corrections). Disconnect the power adapter. Disconnect the antenna wire from the transmitter and connect the 3 m (9.85 ft) test wire, with both ends stripped, to the terminals on the transmitter. Re-connect the power adapter. Fasten the test light provided to the rods on the receiver: Switch off the receiver collar (see Step 5). Slightly unscrew the electrodes on the receiver. Wrap each lead of the test light on one of the metal rods. Manually re-screw the electrodes on the metal rods to secure the setup. The test light will come on for each static correction. Switch on the receiver collar (see Step 5) in Mode 1. Set the control knob on the transmitter to the minimum position. Bring the receiver collar toward the antenna wire. The receiver generates a beep, then the test light comes on (static corrections): meaning it is functional. Check the overall installation of the antenna wire. The receiver does not generate any beep and the test light does not come on: replace the battery with a new battery of the 	
The receiver collar generates beeps, but your dog does not seem to feel the static corrections when in the "unauthorised area".	same type. If the system still does not operate, contact Customer Support (see Certificate of Warranty and labels on box). Test the receiver collar using another, shorter antenna wire (3 m / 9.85 ft) and the test light provided (the test light will allow you to see the static corrections). See previous malfunction. - Check that the collar is securely tightened and that the electrodes are correctly in contact with your dog's skin (adjust the strap, hole-by-hole). - If necessary, cut your dog's coat at this location and/or use longer electrodes. - Change the mode for a stronger static correction. - If the problem persists, contact Customer Support (see Certificate of Warranty and labels on box).	

10 - QUESTIONS / ANSWERS

- Q: What is the area covered by the system?
- A: With 100 meters (328 ft) of wire, the system can protect an area of up to 796 m^2 (8568 sq.ft) (790 m^2 / 8503 sq.ft by removing the 3 m / 9.85 ft test wire).

To cover larger areas, you can purchase the Wire and Flags Kit containing 100 m (328 ft) of antenna wire and 25 additional flags (contact your dealer). You can add up to three kits (i.e. 400 m / 1312 ft in all).

For information:

PERIMETER OF WHOLE WIRE	SQUARE AREA	CIRCULAR AREA
100 m / 328 ft	625 m² / 6 727 sq.ft	796 m² / 8 568 sq.ft
200 m / 656 ft	2 500 m ² / 26 910 sq.ft	3 184 m² / 34 272 sq.ft
300 m / 984 ft	5 625 m ² / 60 547 sq.ft	7 165 m² / 77 123 sq.ft
400 m / 1312 ft	10 000 m² / 107 638 sq.ft	12 739 m² / 137 121 sq.ft

- **Q**: How many dogs can use the same containment system?
- A: There is no limit to the number of dogs which can use the same system. Each dog must be equipped with a compatible receiver collar (an additional receiver collar kit is available; it operates in the same way as the collar provided in the main box, contact your dealer).



The statement of compliance is available in appendix, Ref. 162253.

RECYCLING



The collar must not be discarded with other waste: it should be discarded by selective waste collection for reclamation or recycling. Be sure to observe all applicable regulations in your country concerning electrical and electronic waste.



Old batteries must be discarded in compliance with the selective waste procedure in your area.



There is a risk of explosion if the battery is replaced by the wrong type of battery.



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