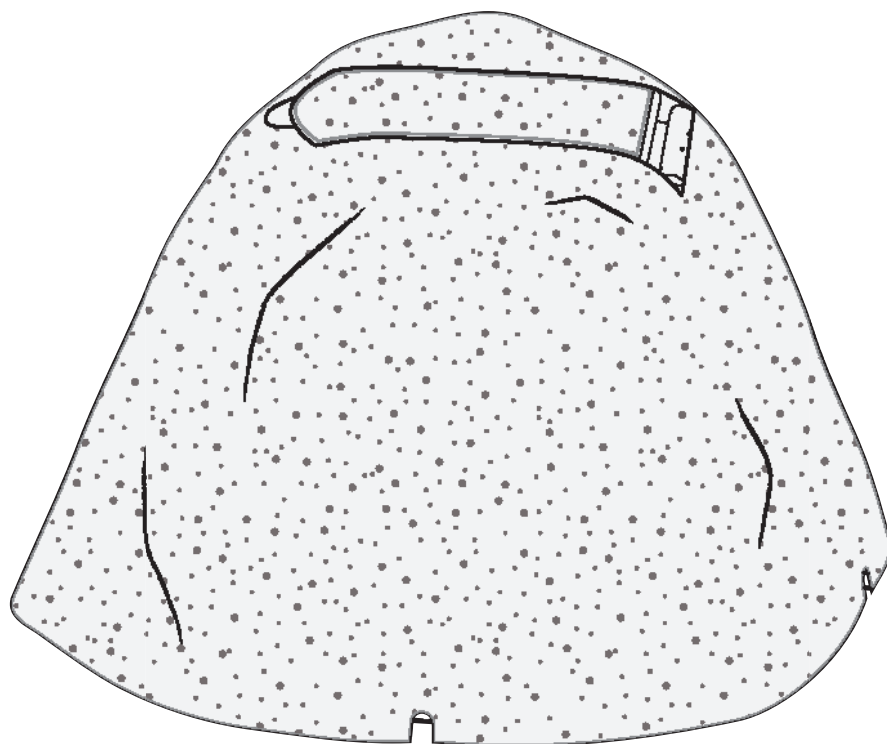




Invisible Fence® Brand

The Brand Vets Recommend Most
For Dog Safety and Freedom

Outdoor Shields® Avoidance System Owner's Manual



www.invisiblefence.com

Congratulations on your purchase of the Outdoor Shields® Avoidance System. Please read and review this manual to become familiar with Outdoor Shields® components and its operation. It is strongly recommended you review this information before using the product.

Outdoor Shields® gives you control over the areas a pet or pets have access to outside your home. It is designed to work independently, or to complement your Invisible Fence® Brand 800 digital electronic pet containment system.

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Important Precautions

1. Read and retain manual. Read the entire Owner’s Manual before using your Outdoor Shields® Avoidance System. If you have any questions after reading this manual, call your Invisible Fence® Brand Dealer.

Dealer Name: _____

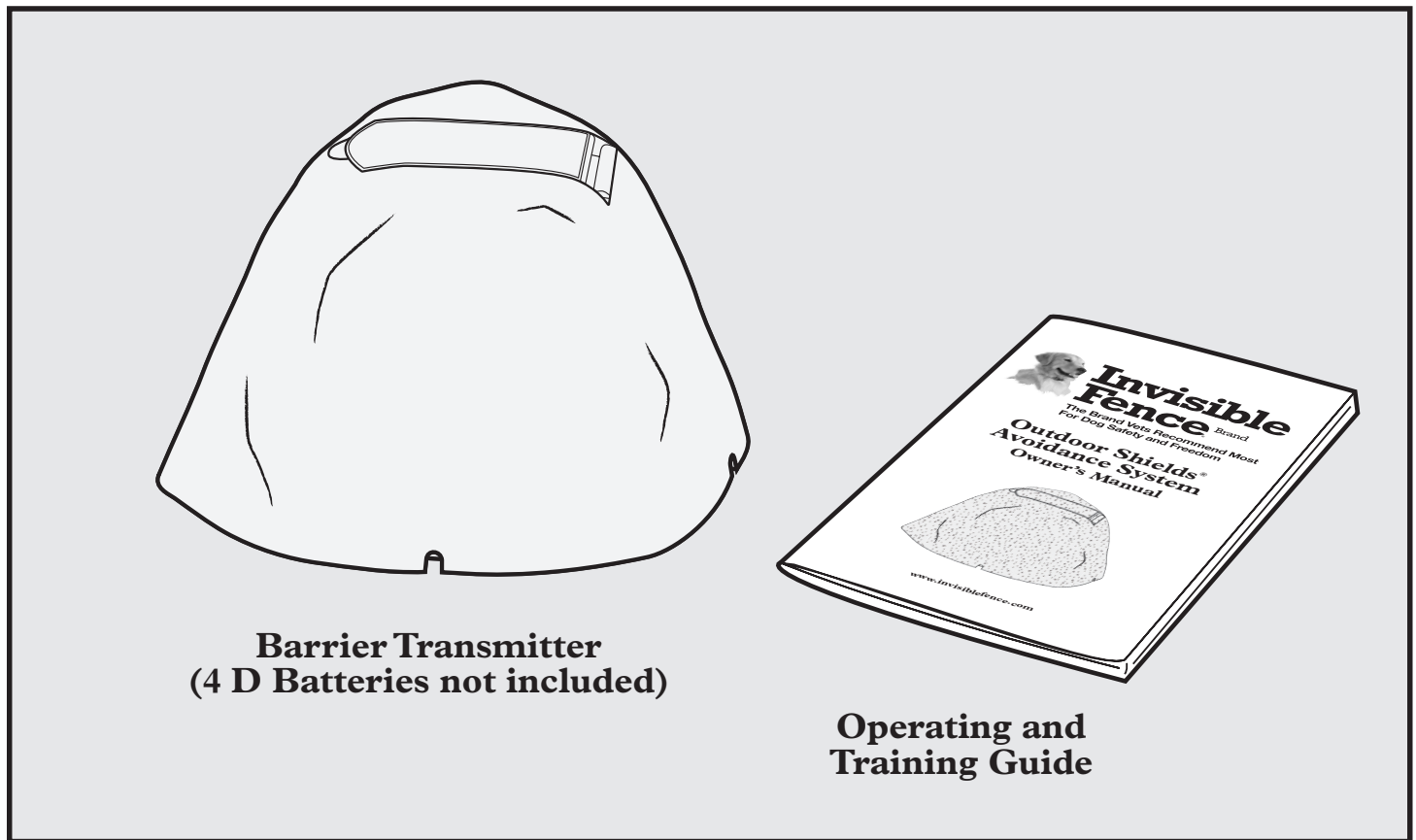
Dealer Phone: _____

2. Train your pet according to the instructions contained in this manual. Do not become overly confident your pet has become conditioned to the Outdoor Shields® system sooner than expected.
3. Adhere to all cautions and warnings contained in any Invisible Fence® Brand manual.
4. Never perform set-up procedures while the Computer Collar® unit is on your pet.
5. All Invisible Fence® Brand products are designed for pet use only. Never attempt to use this product for any purpose not specifically described in this manual.
6. Check the tightness of the Computer Collar® unit on a regular basis. Remove your pet’s Computer Collar® unit each night. This will prevent the possibility of any irritation the collar may cause to your pet’s skin. However, if this is not possible, please check the tightness of the collar each time you feed your pet by removing the collar and then replacing it back on your pet. A condition called Pressure Necrosis, which is a devitalization of the skin due to excessive and prolonged contact against the Contact Points, may occur if the steps above are not followed.

7. Do not attempt to service any Invisible Fence® Brand equipment. Refer all service to your authorized Invisible Fence® Brand Dealer only. Unauthorized service or repair will void the warranty.

Note: The low battery indicator will begin flashing when it is time to replace the batteries. An Outdoor Shields® transmitter producing less than the maximum setting will get a substantially longer battery life.

Components



How the System Works

The Outdoor Shields® Transmitter is disguised as a rock and can be placed in your landscape or in areas you want to shield your pet from. It sends a signal field up to 10 feet in diameter or a 5 foot radius. Your pet wears a Computer Collar® unit that detects areas you have shielded and administers a correction when your pet enters those areas.

The Outdoor Shields® Transmitter has two control buttons and a LCD display. The two buttons control the signal field range and 7K or 10K frequencies. The LCD display shows the signal field range, low battery and either 7K or 10K frequencies.

The Outdoor Shields® Transmitter is powered by 4 alkaline D-batteries (not included). Under normal conditions, the batteries will operate the transmitter for up to one year. Check the LCD display every month to see if the Low Battery indicator is displayed.

The Outdoor Shields® Transmitter is water-resistant but cannot be submersed in water.

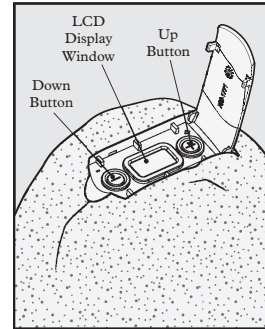
Note: A correction is a training term used to describe an action taken to discourage unwanted pet behavior. The Computer Collar® unit applies a correction when your pet enters a shielded area or crosses the boundary of an Invisible Fence® Brand electronic pet containment system. Corrections are used in combination with training and rewards to alter unwanted pet behavior. Worn by your pet, the Computer Collar® unit detects areas you have shielded and administers a correction when your pet enters those areas.

Operating Guide

Important: Make sure your pet is not wearing the Computer Collar® unit when turning on the Outdoor Shields® transmitter.

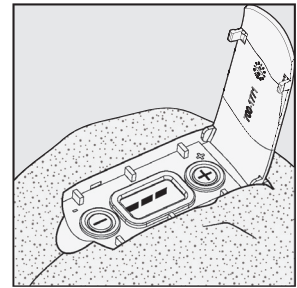
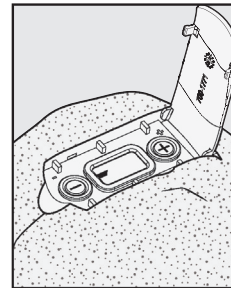
1. Power up the Outdoor Shields® transmitter

- Locate the battery door on the bottom of the Outdoor Shields® transmitter. Loosen the 4 Phillips head screws. The screws will stay in the battery lid. Install 4 alkaline D-batteries (Not Included) and replace the battery door.
- Turn the Outdoor Shields® transmitter upright and open the lid exposing the LCD display and range buttons.
- Press the up (+) button once to turn ON the Outdoor Shields® transmitter.



2. Adjust signal field range

- Determine the desired location and the signal field range required a minimum radius 1 foot (30 cm) and a maximum radius up to 5 feet (1.5 m).
- With the unit on, press the RANGE UP (+) or the RANGE DOWN (-) buttons to increase or decrease the signal field range. Each segment of displayed bar represents approximately 1 foot (30 cm) radius of range.
- Once the range is set, place the Outdoor Shields® transmitter in the desired area.



3. Verify the signal field range

- Make sure the Outdoor Shields® transmitter is on.
- Holding the Computer Collar® unit, start outside the range and walk slowly towards the Outdoor Shields® transmitter. Do not touch the correction posts at this time.
- The Computer Collar® unit will beep as it approaches the outer range of the signal field width set in step 2. The beeping will be followed by a correction.
- If the Computer Collar® unit fails to beep, see the troubleshooting chart found on page 6.
- Adjust range and/or relocate the Outdoor Shields® transmitter until desired area is protected.

4. Selecting either 7K or 10K on the Outdoor Shields® transmitter

- Open the lid exposing the LCD display and buttons.
- Make sure the range is all the way down.
- Press the (-) down button and hold it for 5 seconds until a black segment appears in the display.
- Once the black segment appears you have 5 seconds to change between 7K or 10K.
- Pressing only the (+) button to change between 7K or 10K.
- When the black segment is displayed by the (-) button = 10K and by the (+) button = 7K.
- Once you have selected either 7K or 10K the display will return blank after 5 seconds.
- You are now ready to adjust the range to the desired area.

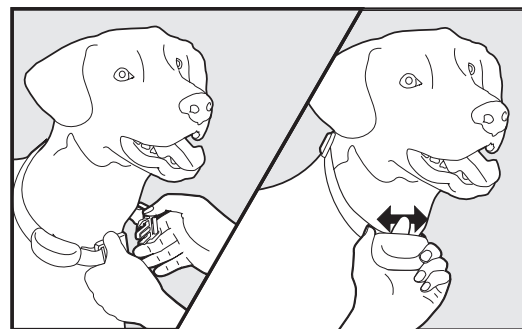
5. Checking for low battery

- Open the lid exposing the LCD display and buttons.
- If the LCD display is flashing with all six black segments showing it is time to replace the batteries.
- After replacing the batteries you will need to check and see if the range for the signal field is set to the desired area.

6. Fitting the Computer Collar® unit on your pet

- Move your pet away from the shielded area.
- Place the Computer Collar® unit on your pet.
- To work properly, both correction posts on the Computer Collar® unit must touch your pet's skin. Position the collar strap high on your pet's neck with the Computer Collar® unit under its lower jaw.

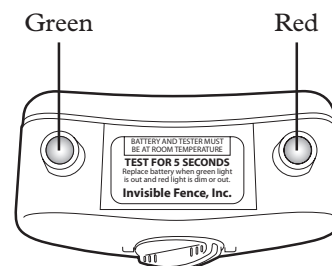
- To avoid having a collar that is too tight on a thick-haired pet, thin some hair away in order to allow correction posts to make contact with the skin.
- Do not shave the pet's neck.
- Tighten the collar strap of the Computer Collar® unit appropriately. Adjust the collar strap so it is snug enough to slide only one finger between the correction posts and your pet's skin.
- Allow your pet to become accustomed to its new Computer Collar® unit. The collar must be removed each night during the first month of training. This ensures proper fit, and avoids the possibility of skin irritation.
- The Computer Collar® unit is waterproof. If the nylon collar strap becomes wet, it is recommended that it be removed from your pet and be allowed to air dry before replacing the collar on your pet's neck.
- You are now ready to begin your pet's first training session.



Power Cap® Unit Tester

We strongly recommend that each customer obtain a Power Cap® unit tester. At least once a month, check the receiver battery with the Power Cap® unit tester. The Power Cap® unit tester measures the internal resistance of a Power Cap® unit and shows how much life is left in the battery.

To test a Power Cap® unit with the Power Cap® unit tester, remove the Power Cap® unit from the receiver and put it into the Power Cap® unit tester the same way that you would put it into a Computer Collar® unit. If the battery is good, the green and red LEDs on the tester will both light. If neither LED on the tester lights, or just the red LED lights dimly, the Power Cap® unit needs to be replaced.



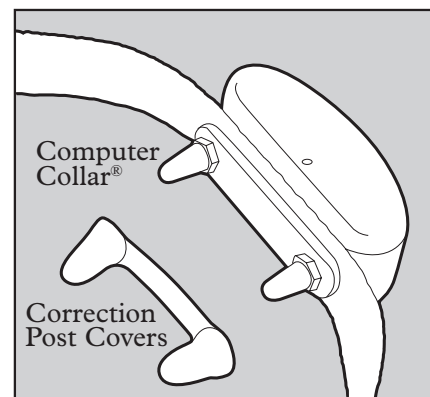
Training Guide

For pets trained to the Invisible Fence® Brand outdoor pet containment system

- Use Invisible Fence® Brand training flags to mark the outside of the signal field range.
- This gives your pet a visual marker, similar to how it learned the signal field range of the outdoor pet containment system.
- Allow your pet to enter the shielded area on its own. By already being familiar with the training flags and the warning tone, your pet should react immediately, and back-up/move away from the shielded area. It may take several times for your pet to recognize and avoid the shielded area.
- Praise your pet for leaving the shielded area.
- You may need to adjust the signal field range so your pet receives the warning tone earlier.

For pets new to the Invisible Fence® Brand products

- Use Invisible Fence® Brand training flags to mark the edge of the signal field range. This gives your pet a visual marker.
- Use Invisible Fence® Brand correction post covers on the Computer Collar® unit for the first training session. This will introduce your pet to the idea of leaving the shielded area when he hears the warning tone.
- Attach a long lead to your pet's collar strap and show your pet how to avoid the shielded area by gently guiding the pet out of the range when the warning tone sounds. *Note: Do not attach a lead to the Computer Collar® unit. This can result in pulling the Correction Posts too tightly against your pet's neck. Attach a lead to a separate, non-metallic collar or harness, making sure the extra collar does not put pressure on the Correction Posts.*
- Praise your pet for leaving the shielded area.
- Repeat this process until your pet reacts to the warning tone on its own.
- Remove the post covers on the Computer Collar® unit. Allow your pet to enter the shielded area on its own. Your pet should react immediately to the warning tone and correction, and back-up/move away from the shielded area. It may take several times for your pet to recognize and avoid the shielded area.
- Adjust the fit of the Computer Collar® unit as necessary as your pet's coat and weight change. Your pet's coat may change from season to season.



- After training is complete, remove your pet's Computer Collar® unit each night to prevent irritation. However, if this is not possible, please check the tightness of the collar each time you feed your pet by removing the collar and then replacing it back on your pet.

Troubleshooting

Outdoor Shields® does not appear to work	• Check/replace the Power Cap® unit in the Computer Collar® unit. • Check low battery indicator on the Outdoor Shields® transmitter – if indicator light is flashing, replace the 4 alkaline D-batteries (Not Included). • Check Computer Collar® unit fit to make sure posts have direct skin contact. • Make sure the Computer Collar® unit is set to the same 7K or 10K as the Outdoor Shields® transmitter – See Step 4 on page 4 (Selecting either 7K or 10K on the Outdoor Shields® Transmitter).
Range is too low or too high	• Check low battery indicator on the Outdoor Shields® transmitter – if indicator light is flashing, replace the 4 alkaline D-batteries (Not Included). • Adjust Outdoor Shields® transmitter to increase/decrease signal field range – See Step 2 on page 4 (Adjust signal field range). • Metal objects may distort the transmitter's range. Consider alternate location for Outdoor Shields® transmitter.
Pet seems to receive no correction	• Check/replace the Power Cap® unit in the Computer Collar® unit. • Check the signal field range on the Outdoor Shields® transmitter. • Make sure correction post covers are removed from Computer Collar® unit after training.
Computer Collar® unit fails to sound warning beep	• Check/replace the Power Cap® unit in the Computer Collar® unit. • Make sure the Computer Collar® unit is set to the same 7K or 10K as the Outdoor Shields® transmitter – See Step 4 on page 4 (Selecting either 7K or 10K on the Outdoor Shields® Transmitter). • Call your Invisible Fence® Brand Dealer.

Note: If your problem cannot be solved by the Troubleshooting Guide above, call your Invisible Fence® Brand Dealer.

Note: The use of any power source other than a Power Cap® unit will cause a receiver to operate erratically or fail. Failure of the receiver due to the use of an unauthorized power source could void the warranty. The use of unnecessary force may damage the case and render the Power Cap® unit inoperable. NEVER open a Power Cap® unit, dispose of it in fire, recharge it, expose it to heat above 212°F (100°C), or expose its contents to water. Doing so can cause leakage or explosion and may lead to personal injury.

Benefits of the Outdoor Shields® System

Flexibility: Uses the same Invisible Fence® Brand Computer Collar® unit for both indoor/outdoor avoidance and outdoor electronic pet containment.

Portability: Outdoor Shields® is powered by 4 alkaline D-batteries (not included). It can be placed virtually anywhere, landscape, pool areas, by the trash, etc.

Adjustable: The Outdoor Shields® system allows you to control the width of the signal field range with the touch of a button. The signal field is the area around the Outdoor Shields® transmitter you want your pet to avoid. The signal field range can be set to a minimum radius of 1 foot (30 cm), up to a 10 feet (3.0 m) maximum radius, in 1 foot (30 cm) radius increments.

Important Warnings

Invisible Fence® Brand pet containment systems have contained over two million pets. However, there are some precautions you should take.

Warning: Not every pet can be trained to avoid the established boundary. Sometimes even a properly trained pet may cross the boundary. Therefore, Invisible Fence®, Inc., as well as Invisible Fence® Brand Distributors and Dealers cannot guarantee the system will, in all cases, keep a customer's pet within the established boundary. Accordingly, if a customer has reason to believe that their pet may pose a danger to others, or harm itself, the customer should not rely solely upon the Invisible Fence® Brand pet containment system to keep the pet from crossing the boundary.

Battery Disposal

Separate collection of spent batteries is required in many regions; check the regulations in your area before discarding spent batteries. The Computer Collar® unit operates on one (1) Lithium (Li-MnO₂) battery with a 3 Volt, 160 mAh capacity, replace only with equivalent battery that may be obtained from your IF Dealer. The Transmitter operates on 4 Alkaline-Manganese Dioxide (Zn/MnO₂) batteries with a 1.5 Volt, 12,000mAh capacity.

Computer Collar® unit: How to remove the Power Cap unit for separate disposal.

- Use a thin coin to remove the Power Cap unit from the Computer Collar®.
- Insert the thin coin into the slot on top of the Power Cap unit and turn it counter-clockwise. The Power Cap unit will rotate up and out of the Computer Collar®.
- Repeat process to install Power Cap unit into the Computer Collar® unit.

Transmitter: Please see step 1 on page 4 of your manual for instructions to remove the batteries for separate disposal.

Perchlorate Battery

Perchlorate Material – special handling may apply. See www.dtsc.ca.gov/hazardouswaste/perchlorate.

Important Recycling Advice

Please respect the Waste Electrical and Electronic Equipment regulations in your country. This equipment must be recycled. If you no longer require this equipment, do not place it in the normal municipal waste system. Please return it to where it was purchased in order that it can be placed in our recycling system. If this is not possible, please contact your Invisible Fence® Brand Dealer.

Compliance

US and Canada

FCC ID: KE3-300978

IC: 2721A-300978

This device complies with Industry Canada rules. This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

CAUTION: Modification or changes to this equipment not expressly approved by Radio Systems® may void the user's authority to operate the equipment.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee

that interference will not occur in a specific installation. If interference does occur to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and the receiver.
- Connect the equipment to an outlet on a circuit different from that to which the receiver is connected.
- Consult customer care, the dealer, or an experienced radio/TV technician for help.

This Class B digital apparatus complies with Canadian ICES-003.

Cet appareil numérique de la classe B est conforme à la norme NMB-003 du Canada.

Australia

This device complies with the applicable EMC requirements specified by the ACMA (Australian Communications and Media Authority).

European Union



This equipment has been tested and found to comply with relevant EU Electromagnetic Compatibility, Low Voltage and R&TTE Directives. Before using this equipment outside the EU countries, check with the relevant local R&TTE authority. Unauthorized changes or modifications to the equipment that are not approved by Radio Systems® Corporation are in violation of EU R&TTE regulations, could void the user's authority to operate the equipment, and void the warranty.

This product is in full compliance with the provisions of the R&TTE - Directive 1999/05/EEC. The Declaration of Conformity can be found at: <http://www.invisiblefence.com/international/declarations-of-conformity.asp>.

800-578-DOGS (USA)
(865) 777-5404 (International)
400-1130/1
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Ireland: #0714235, #0720780,
France: #0720780, #0714235
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