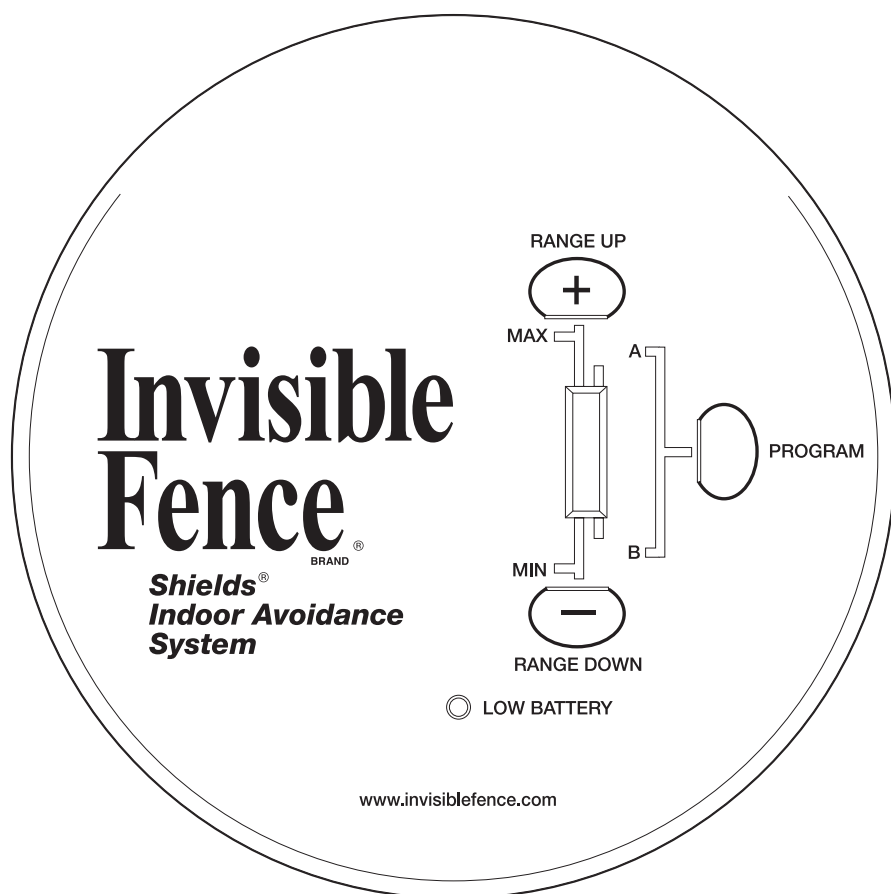




Invisible Fence® Brand

The Brand Vets Recommend Most
For Dog Safety and Freedom

Shields® Indoor Avoidance System Owner's Manual



www.invisiblefence.com

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

Shields® gives you control over the areas a pet or pets have access to inside 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 Shields® indoor avoidance system. If you have any questions after reading this manual, call your Invisible Fence® Brand Dealer.

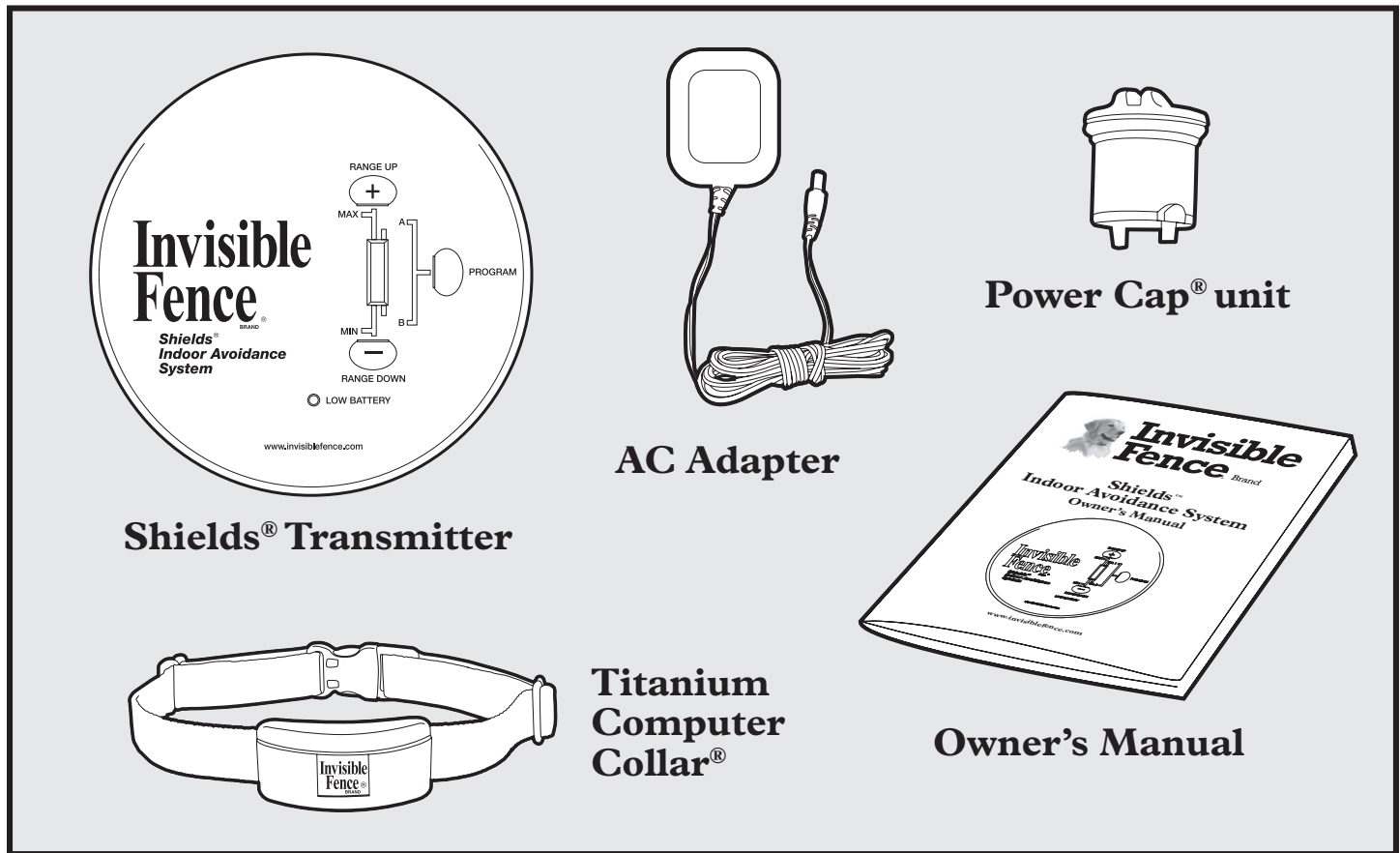
Dealer Name: _____

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 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 Titanium 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 Titanium Computer Collar® on a regular basis. Remove your pet’s Titanium Computer Collar® 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 rechargeable battery inside the Shields® transmitter is designed to last approximately 30 days when the transmitter is producing a maximum signal field (6 ft./1.8 m radius). The low battery light will begin flashing when it is time to recharge the battery. A Shields® transmitter producing a signal field less than the maximum setting will get a substantially longer battery life.

Components



How the System Works

Shields® Transmitter

The transmitter is the heart of the system. It is placed in areas you want to shield from your pet. The lightweight, portable design is easy to use and powered by a rechargeable battery pack. You may use the included AC adapter for locations near an electrical outlet. The adapter is also used for charging the transmitter.

The Shields® transmitter has three control buttons:

- Two for controlling the signal field range (RANGE UP & RANGE DOWN).
 - One for use when programming the Titanium Computer Collar® to the Shields® Transmitter.
- The LCD display shows the signal field range and Channel A, Channel B, or Channels A and B.

Invisible Fence® Brand Titanium Computer Collar® Unit

Worn by your pet, the Titanium Computer Collar® unit detects areas you have shielded and administers a correction when your pet enters those areas.

AC Adapter

This is included for long-term use or for recharging the Shields® transmitter.

Note: A correction is a training term used to describe an action taken to discourage unwanted pet behavior. The Titanium Computer Collar® 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 Titanium Computer Collar® detects areas you have shielded and administers a correction when your pet enters those areas.

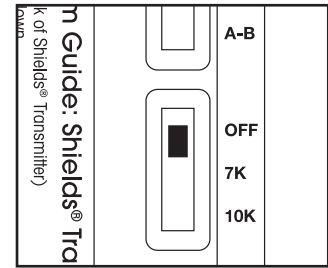
The Shields® transmitter is powered by a rechargeable battery pack and/or the AC adapter. Use the AC adapter to charge the battery pack for a minimum of 24 hours prior to first use.

Operating Guide

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

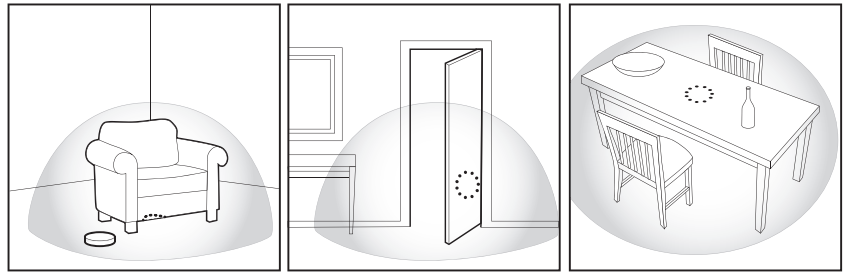
1. Power ON/OFF

- Before turning ON the Shields® transmitter you must plug in the AC Adapter.
- Turn the Shields® transmitter ON by moving the switch on the back to either 7K or 10K.
- To turn the Shields® transmitter OFF, place the switch back to the OFF position.
This should be done during shipping or for long periods of storage.
- The Shields® transmitter must be turned ON before the battery can be charged up.
- Fully charge the Shields® transmitter before long periods of storage.
- From this point forward the Shields® transmitter can be turned ON and OFF using the Range UP (+) and Range Down (-) buttons on the front of the transmitter.



2. Adjust signal field range

- Determine the desired location and the signal field range required (1 ft /30 cm minimum radius up to 6 ft /1.8 m maximum radius).
- 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 ft /30 cm radius of range.
- Once the range is set, place the Shields® transmitter in the desired area.



3. Verify the signal field range

- Make sure the Shields® transmitter is on.
- Holding the Titanium Computer Collar®, start outside the range and walk slowly towards the Shields® transmitter.
Do not touch the correction posts at this time.
- The Titanium Computer Collar® 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 Titanium Computer Collar® fails to beep, see the troubleshooting chart found on page 6.
- Adjust range and/or relocate the Shields® transmitter until desired area is protected.

4. Fitting the Titanium Computer Collar® on your pet

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



Multi-Area Shielding

Your Shields® transmitter and the Titanium Computer Collar® are preset to operate on Channel A (CH.A). For homes with two or more pets, this setting is usually sufficient, as long as all pets are required to avoid the same shielded areas, like keeping all pets out of the kitchen, away from the trash (rubbish), off the sofa, etc. In some multi-pet homes, it may be desired to allow one pet access to an area while denying access to another.

When set to Channel A (CH.A), Shields® denies access to pets wearing a Titanium Computer Collar® programmed to Channel A. (Channel A is the default setting for the Titanium Computer Collar®.)

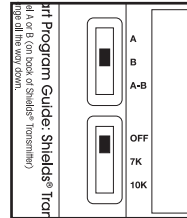
When set to Channel B (CH.B), Shields® denies access to pets wearing a Titanium Computer Collar® programmed to Channel B.

When set to Channel A (CH.A) and Channel B (CH.B), Shields® denies access to all pets wearing a Titanium Computer Collar®.

Changing the Channel Setting on the Shields® Transmitter

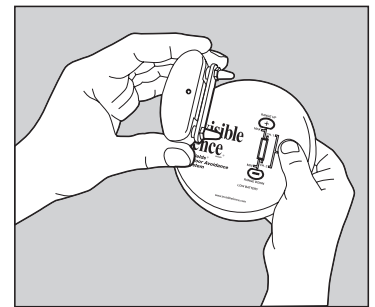
- Make sure the Range is all the way down
- On the back of the Shields® transmitter locate the switch for the Channel A, Channel B, or Channels A and B.
- Select the desired Channel or Channels.

Note: The Shields® transmitter will not enter into the programming mode if the switch is set to A-B.



Programming the Titanium Computer Collar®

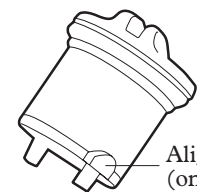
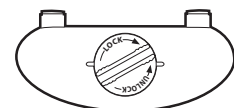
1. Adjust the range all the way down.
2. Place the Titanium Computer Collar® within one foot (30 cm) from the front of the Shields® Transmitter. Make sure the status indicator light on the Titanium Computer Collar® is visible to you. (Make sure the Power Cap is in the Computer Collar.)
3. Hold down the Program button on the Shields® Transmitter. The status bar will appear showing one bar and the Channel you have selected.
4. While Continuing to holding down the Program button move the Titanium Computer Collar® towards the Shields® Transmitter. The status indicator light will start flickering yellow before flashing green.
5. Release the Program button as soon as the Titanium Computer Collar® flashes green.
6. Programming of the Titanium Computer Collar® is complete.



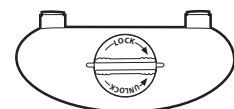
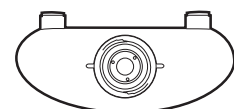
Note: Make sure any Titanium Computer Collar® YOU DO NOT wish to program is over three feet (1.8 metres) from the Shields® transmitter or has the Power Cap® battery removed. DO NOT perform this procedure while the Titanium Computer Collar® is on the pet.

Changing the Power Cap® Unit

1. Use a small, thin coin to remove the Power Cap® unit from the Titanium Computer Collar® unit. Insert the coin in the slot on top of the Power Cap® unit and turn it counter-clockwise. Do not push down while turning. The Power Cap® unit will rotate up and out of the Titanium Computer Collar® unit's battery chamber.
2. Install a new Power Cap® unit using the following steps:
 - a. Line up the lugs on the bottom of the Power Cap® unit with the grooves in the sides of the Titanium Computer Collar® unit's battery chamber. Make sure the metal tabs on the bottom of the Power Cap® unit are not bent.
 - b. Place the Power Cap® unit into the chamber while gently, but firmly, turning it clockwise with your fingers.
 - c. Use a small, thin coin in the slot on top of the Power Cap® unit to turn it clockwise until the slot on the top of the Power Cap® unit is lined up with the two small raised tabs on the bottom of the receiver. Do not over-tighten by turning the slot past the tabs on the receiver.



Alignment Lug
(one on each side)



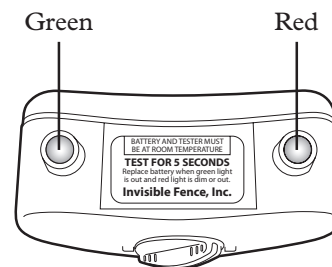
On average, the Power Cap® unit should be changed every 3 months. Low temperatures, the number of times the pet challenges the pet containment system boundary, and improper collar fit can all reduce Power Cap® unit life.

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.

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.

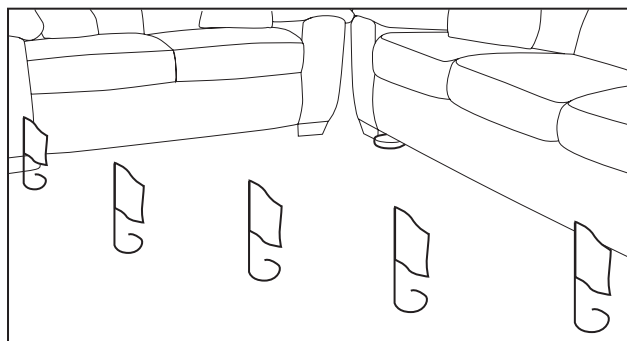
To test a Power Cap® unit with the Power Cap® unit tester, remove the Power Cap® unit from the receiver and put it into the Power Cap® unit tester the same way that you would put it into a Computer Collar® unit. If the battery is good, the green and red LEDs on the tester will both light. If neither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



Training Guide

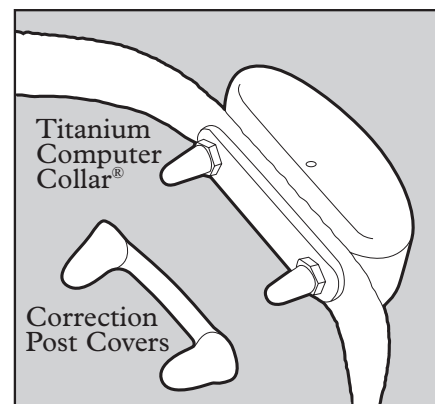
For pets trained to the Invisible Fence® Brand outdoor pet containment system

- 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 Titanium Computer Collar® 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 Titanium Computer Collar®. 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 Titanium Computer Collar®. 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 Titanium Computer Collar® 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 Titanium Computer Collar® 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

Shields® does not appear to work	<ul style="list-style-type: none"> • Check/replace the Power Cap® unit in the Titanium Computer Collar®. • Check low battery indicator on front of Shields® unit – If indicator light is flashing, plug AC adapter into unit and charge for 24 hours. • The Shields® transmitter power could be completely drained, apply power to the Shields® transmitter using the AC adapter to verify operation. • If using AC adapter for power, check connections. • Check Titanium Computer Collar® fit to make sure posts have direct skin contact. • Make sure Titanium Computer Collar® is programmed to same Shields® transmitter.
Range is too low or too high	<ul style="list-style-type: none"> • Check low battery indicator on front of Shields® transmitter – If indicator light is flashing, plug AC adapter into unit and charge for 24 hours. • Adjust 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 Shields® transmitter.
Pet seems to receive no correction	<ul style="list-style-type: none"> • Check/replace the Power Cap® unit in the Titanium Computer Collar®. • Check the signal field range on the Shields® transmitter. • Make sure post covers are removed from Computer Collar after training.
Computer Collar fails to sound warning beep	<ul style="list-style-type: none"> • Check/replace the Power Cap® unit in the Titanium Computer Collar®. • Make sure Titanium Computer Collar® is set to same Shields® transmitter CHANNEL setting (See Multi-Area Shielding Section on page 5). • 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 rechargeable battery inside the Shields® transmitter must be “conditioned” properly before it will achieve its maximum charge life of 30 days (30 days of producing a maximum 6 ft /1.8 m radius signal field). Battery conditioning occurs during the first charge cycle. The Shields® transmitter must be charged for at least 24 hours, prior to first use, to operate at maximum performance.

Benefits of the Shields® Indoor System

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

Portability: Shields® is powered by a rechargeable battery pack. It can be placed virtually anywhere, on chairs, under tables, by the trash, etc. (An AC adapter is included with every Shields® system).

Adjustable: The 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 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 6 feet (1.8 metres) maximum radius, in 1 foot (30 cm) radius increments.

Customization: The Multi-Area shielding option allows you to choose different shielded areas for different pets.

For example:

You can program one Shields® transmitter to keep pet 1 away from pet 2's food dish, AND program a second Shields® transmitter to keep both pets away from the trash (rubbish) container. See the section labeled Multi-Area Shielding on page 5 for more-detailed instructions.

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 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 1 Nickel Metal Hydride (NiMH) battery with a 9.6 Volt, 1100mAH capacity.

Computer Collar: Please see page 5 of your manual for instructions on how to remove the battery pack for separate disposal.

Transmitter: At the end of product life, use these battery removal instructions for final disposal:

- Remove the three rubber pads on the bottom of the case.
- Using a number 1 Phillips screwdriver, remove the case screws.
- Remove the case back or cover.
- Remove the old battery pack.

Note: When removing the old battery pack, care must be taken when gripping the connector firmly to avoid damaging the wires. Shorting the battery wires may cause fire or explosion. **CAUTION:** *These instructions are not valid for repair or battery replacement. Replacing the battery with a battery not specifically approved by Invisible Fence® Brand may cause fire or explosion. Refer all service to your authorized Invisible Fence® Brand Dealer only.*

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: KZ3-050259

IC: 2430A-050259

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>.

Perchlorate Battery

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

800-578-DOGS (USA)
(865) 777-5404 (International)
400-1016/2
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#7,068,174, #7,117,822, #5,161,485
Canada: #2169261
U.K.: #0714235, #0720780
Ireland: #0714235, #0720780,
France: #0720780, #0714235
Germany: #0714235, #0720780