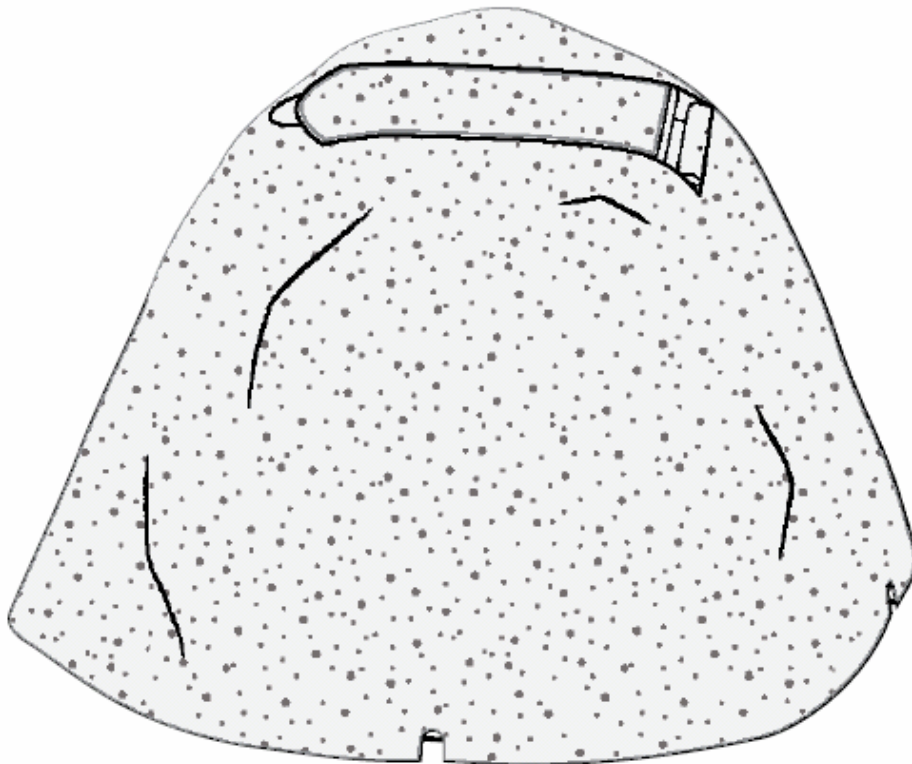




Invisible Fence® Brand

The Brand Vets Recommend Most
For Dog Safety and Freedom

Outdoor Shields Plus Owner's Manual



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

Table of Contents

Components.....	3
How the Systems Works.....	3
Operating Guide	4
Power up the Outdoor Shields Plus transmitter.....	4
Adjust signal field range.....	4
Verify the signal field range.....	4
Selecting either 7K or 10K on the Outdoor Shields Plus transmitter.....	4
Checking for low battery.....	4
Connect the Wires to the Outdoor Shields Plus transmitter.....	5
Selecting & Changing Multi-Area Shielding.....	5
Changing the Channel Setting on the Shields® Transmitter.....	6
Selecting & Changing the Reaction Rate on the Outdoor Shields Plus.....	6
Troubleshooting	6
Important Warnings.....	6
Battery Disposal.....	7
Perchlorate Battery.....	7
Important Recycling Advice.....	7
Compliance.....	7 & 8

Important Precautions

1. Read and retain manual. Read the entire Owner’s Manual before using your Outdoor Shields Plus. 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 Plus 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.8. If you have any questions about any aspect of your Invisible Fence® Brand pet containment system, call your Invisible Fence® Brand Dealer immediately.

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® Plus transmitter producing less than the maximum setting will get a substantially longer battery life.

Components

- **Outdoor Shields Plus Transmitter**
- **Owner's Manual**

How the System Works

The Outdoor Shields® Plus 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® Plus 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® Plus 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® Plus 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 Plus transmitter

- Locate the battery door on the bottom of the Outdoor Shields Plus 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 Plus transmitter upright and open the lid exposing the LCD display and range buttons.
- Press the up (+) button once to turn ON the Outdoor Shields Plus 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 Plus transmitter in the desired area.

3. Verify the signal field range

- Make sure the Outdoor Shields Plus transmitter is on.
- Holding the Computer Collar® unit, start outside the range and walk slowly towards the Outdoor Shields Plus 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.
- Adjust range and/or relocate the Outdoor Shields Plus transmitter until desired area is protected.

4. Selecting either 7K or 10K on the Outdoor Shields Plus 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. Connect the Wires to the Outdoor Shields Plus transmitter

- Make sure the Range is all the way down
- Remove the battery door from the Outdoor Shields Plus transmitter by loosening the 4 Phillips head screws. Remove the 4 D-batteries if you had already placed them inside the transmitter.
- Locate the switch inside the battery cavity. This switch allows the Outdoor Shields Plus transmitter to operate as a wireless (internal antenna) or wired (external antenna) unit. Move the switch to the “External” option so that the signal is sent through the wire
- Using the wire stripping pliers, strip about ¼ inch of insulation from the ends of the Boundary Wire. Use pliers to bend each end of the wire to form a 90 degree angle
- Place one end of the Boundary Wire into the Boundary Wire Channel on the Outdoor Shields Plus[®] transmitter. The wire should touch the threads of one of the screws in the channel. Once you have placed the wire, tighten the screw. Repeat this step to connect the other end of the boundary wire to the opposite side of the second screw. Make sure the bare wires do not touch each other.
- Place the batteries back into the transmitter and carefully bend the wires so they fit through the groove on the battery door. **Be careful not to pull or tug on the wires once you have placed them in the channels.**
- Screw the battery door in place and position the Outdoor Shields[®] Plus transmitter in your landscape.

7. Selecting & Changing Multi-Area Shielding

Your Outdoor Shields[®] Plus transmitter and the Computer Collar[®] unit are preset to operate on Channel A (Chnl 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 (Chnl A), Shields[®] denies access to pets wearing a Computer Collar[®] unit programmed to Channel A. (Chnl A is the default setting for the Computer Collar[®] unit.)

When set to Channel B (Chnl B), Shields[®] denies access to pets wearing a Computer Collar[®] unit programmed to Channel B.

When set to Channel A (Chnl A) and Channel B (Chnl B), Shields[®] denies access to all pets wearing a Computer Collar[®] unit.

Changing the Channel Setting on the Shields® Transmitter

- Make sure the Range is all the way down.
- Remove the battery door from the Outdoor Shields® Plus transmitter by loosening the 4 Phillips head screws. Remove the 4 D-batteries if you had already placed them inside the transmitter.
- Select the desired Channel or Channels from the Channel (Chnl) Chart inside the upper battery cavity.
- Locate switches 1 & 2 inside the lower battery cavity.
- Move switches 1 & 2 to the up or down position to select the desired Channel or Channels.

8. Selecting & Changing the Reaction Rate on the Outdoor Shields® Plus

Changing the Reaction Rate setting on the Outdoor Shields® Plus transmitter will change two things.

1. It will change how fast or slow the Computer Collar® unit reacts to the signal output from the Outdoor Shields® transmitter.
 2. The battery life will depend on how fast or slow the Reaction Rate setting is from the Outdoor Shields® Plus transmitter. i.e. Slow = up to 12 months, Fast = up to 4 months.
- Make sure the Range is all the way down.
 - Remove the battery door from the Outdoor Shields® Plus transmitter by loosening the 4 Phillips head screws. Remove the 4 D-batteries if you have previously placed them inside the transmitter.
 - Select the desired Rate on the Chart inside the upper battery cavity.
 - Locate switch's 3 & 4 inside the lower battery cavity.
 - Move switches 3 & 4 to the up or down position to select the desired Reaction Rate.

Troubleshooting

Outdoor Shields Plus does not appear to work - Check/replace the Power Cap® unit in the Computer Collar® unit. Check low battery indicator on the Outdoor Shields® Plus 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® Plus transmitter – See Step X on page X (Selecting either 7K or 10K on the Outdoor Shields® Plus Transmitter).

Range is too low or too high - Check low battery indicator on the Outdoor Shields® Plus transmitter – if indicator light is flashing, replace the 4 alkaline D-batteries (Not Included). Adjust Outdoor Shields® Plus transmitter to increase/decrease signal field range – See Step X on page X (Adjust signal field range). Metal objects may distort the transmitter's range. Consider alternate location for Outdoor Shields® Plus 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 Plus transmitter,

Make sure 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® Plus transmitter – See Step X on page X (Selecting either 7K or 10K on the Outdoor Shields® Plus 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.

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 systems 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 X on page X of your manual for instructions to remove the batteries for separate disposal.

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: KE3-3001054

IC: 2721A-3001054

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 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.dtsccgov/hazardouswaste/perchlorate.



800-578-DOGS (USA)

(865) 777-5404 (International)

400-xxxx

© 2008 Radio Systems Corporation®

All rights reserved.