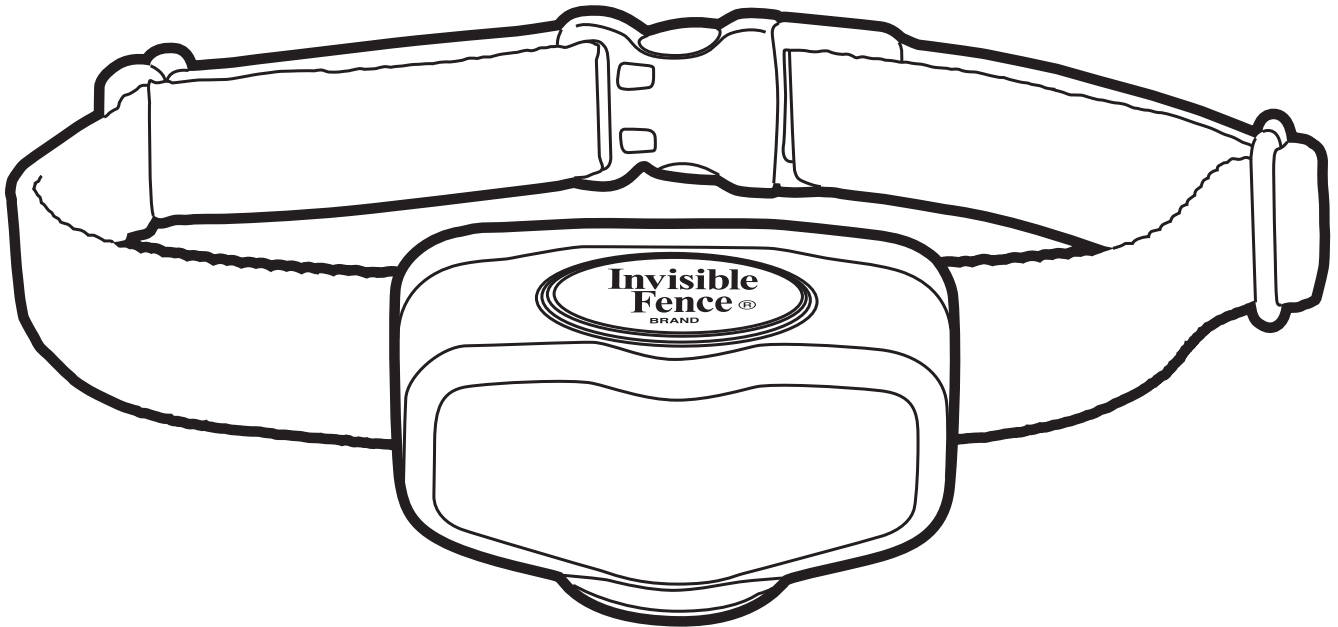




# Invisible Fence<sup>®</sup> Brand by PetSafe<sup>®</sup>

The Brand Vets Recommend Most  
For Dog Safety and Freedom

## MicroLite<sup>™</sup> Computer Collar<sup>®</sup> Unit Owner's Manual



[www.invisiblefence.com](http://www.invisiblefence.com)

Congratulations on your purchase of the world’s premier pet containment solution, the Invisible Fence® Brand. When professionally installed, the Invisible Fence® Brand pet containment system is backed with a one-year, money-back performance guarantee. The support of your Invisible Fence® Brand Dealer gives you peace of mind that your dog remains safe at home®. Refer to your warranty card or the back of your sales contract for complete details.

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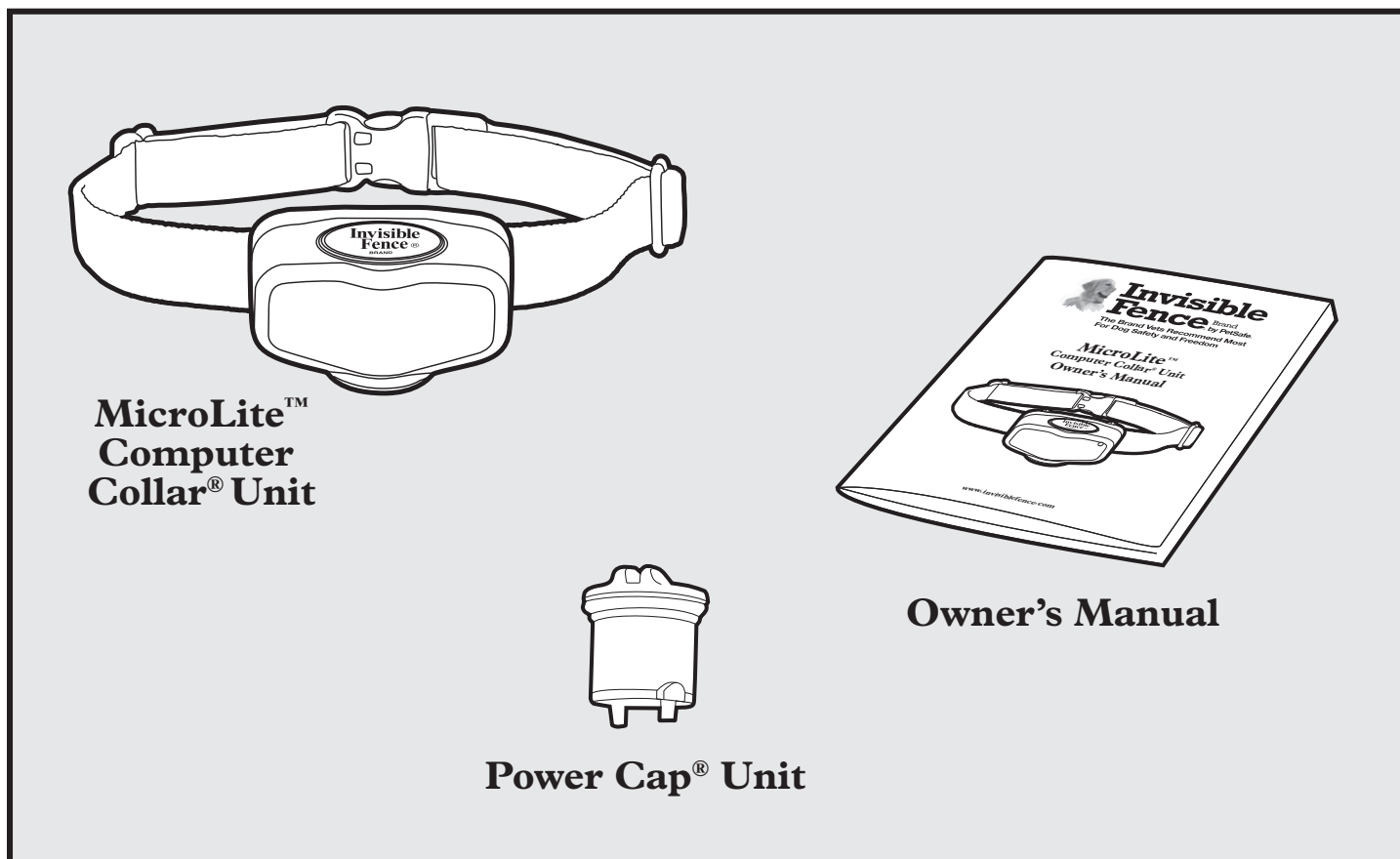
## Important Precautions

1. Read and retain manuals: Read the entire Owner’s Manual and training instructions before using your new Invisible Fence® Brand pet containment system.
2. Train your pet according to the instructions in the Invisible Fence® Brand training manuals. Complete all steps before allowing your pet to run free. Do not become overly confident if your pet has become conditioned to the Invisible Fence® Brand pet containment system sooner than expected.
3. Adhere to all cautions and warnings contained in any Invisible Fence® Brand manual.
4. Do not attempt to service any Invisible Fence® Brand equipment. Refer all service to your authorized Invisible Fence® Brand Dealer. Only your authorized Invisible Fence® Brand Dealer should make adjustments to your pet containment system. Unauthorized service or repair will void the warranty.
5. All Invisible Fence® Brand pet containment systems are designed for domesticated animal use only. Never attempt to use this product for any purpose not specifically described in this manual.
6. Check the Invisible Fence® Brand transmitter periodically to make sure it is operating properly. Please refer to the chart on page 4 for proper fitting instructions.
7. Check the tightness of the MicroLite™ Computer Collar® unit on a regular basis. Remove your pet’s MicroLite™ 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 Correction Posts, 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.

Dealer Name: \_\_\_\_\_

Dealer Phone: \_\_\_\_\_

# Components



## How the System Works

The MicroLite™ Computer Collar® unit is compatible with 700/800 Series Transmitters and Shields®/IFA-12 Indoor units to contain your pet within areas you choose, or teach your pet to avoid specific areas such as flower beds, gardens, or pools. The transmitter produces a signal that travels along the signal field wire and back to the transmitter to produce an Invisible Boundary® barrier.

When your pet approaches the established boundary, the MicroLite™ Computer Collar® unit generates a tone and correction to remind your pet of the boundary. With training and praise, your pet will quickly learn to avoid the established boundary.

*Note: A correction is a training term used to describe an action taken to discourage unwanted pet behavior. The MicroLite™ Computer Collar® unit applies a correction when your pet crosses the boundary of an Invisible Fence® Brand electronic pet containment system. Corrections are used in combination with rewards to alter unwanted pet behavior.*

### Your Invisible Fence® Brand pet containment system will only work when:

- The transformer is connected to the transmitter and to a functional standard electric outlet, via an approved Lightning Protection Device. All Invisible Fence® Brand pet containment systems must be grounded per the National Electric Code to be protected against lightning (North American customers only).
- The transmitter is on, connected to the signal field wire, and producing a signal along the entire length of the wire.
- The signal field wire is intact, continuous, and the transmitter's Status Indicator light is blinking green.
- The MicroLite™ Computer Collar® unit is correctly fitted and worn by your pet. The MicroLite™ Computer Collar® unit must be adjusted so that both of the correction posts touch your pet's skin.
- The Power Cap® unit in the MicroLite™ Computer Collar® unit is good and correctly installed. See page 4 and 5 for proper Power Cap® unit operation.

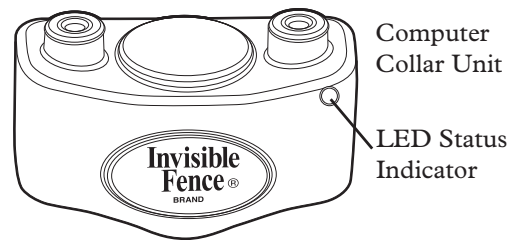
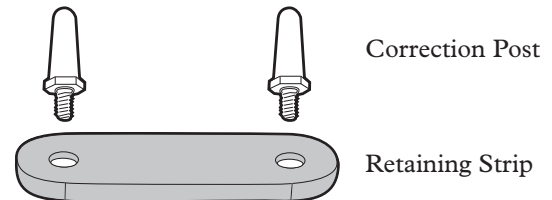
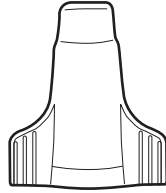
**About Thunder and Electrical Storms:** Even though your Invisible Fence® Brand pet containment system is equipped with a Lightning Protection Device (North American customers only), it is still possible that it may be damaged during a thunderstorm, or when an electrical storm is in the area. After a storm has ended, check the signal field width. See page 6 for periodic maintenance checks.

# Operating Guide

## The MicroLite™ Computer Collar® Unit

The MicroLite™ Computer Collar® unit is a patented microprocessor-controlled device, powered by a patented Power Cap® unit.

*Note: ONLY use the post tightening tool to tighten the correction posts. Use of other tools will void the warranty. DO NOT secure the correction posts in the MicroLite™ Computer Collar® unit with any kind of glue or adhesive.*



### Fitting the MicroLite™ Computer Collar® unit

To work properly, the correction posts on the MicroLite™ Computer Collar® unit must touch your pet's skin.

1. Position the collar strap high on your pet's neck with the MicroLite™ Computer Collar® unit under your pet's jaw.
2. To avoid having a collar that is too tight on a thick-haired pet, thin some hair away in order to allow the correction posts to make contact with the skin. Do not shave the pet's neck.
3. Tighten the collar strap of the MicroLite™ Computer Collar® unit appropriately. Adjust the collar strap so it is snug enough to slide only one finger between a correction post and your pet's skin.
4. Adjust the fit of the MicroLite™ Computer Collar® unit as necessary as your pet's coat, weight, and age change. Your pet's coat may change from season to season.
5. Allow your pet to become accustomed to its new MicroLite™ 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.
6. After training is complete, remove your pet's MicroLite™ Computer Collar® unit each night if possible. This will help 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.
7. The MicroLite™ 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.



### MicroLite™ Computer Collar® Power Cap® Unit Status

The MicroLite™ Computer Collar® unit monitors Power Cap® unit Status. Each time you insert a Power Cap® unit into your MicroLite™ Computer Collar® unit it performs a battery test. The LED status indicator will show a flashing light, indicating power status.

## At Start-Up

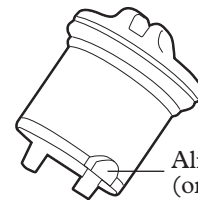
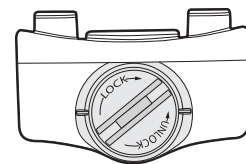
Colour	Indicator	Status
GREEN	5 flashes	Battery strength is good
RED	4 flashes	Battery strength is weakening; replace Power Cap® unit at first opportunity
NO LIGHT		Battery is dead; replace Power Cap® unit immediately

Should the red LED flash continuously while your pet is wearing the MicroLite™ Computer Collar®, the Power Cap® unit strength is dangerously low; replace Power Cap® unit immediately.

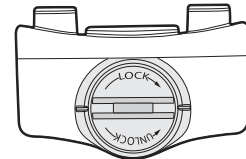
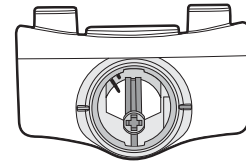
Replace your existing Power Cap® unit with one supplied via your Power Cap® unit plan. If a fresh Power Cap® unit is not available, contact your Invisible Fence® Brand Dealer for a replacement. Once a replacement Power Cap® unit is installed and the signal field checked (see page 6 for instructions on checking the signal field), put the MicroLite™ Computer Collar® unit on your pet. The Invisible Fence® Brand pet containment system is now ready.

### Changing the Power Cap® Unit

1. Use a small, thin coin to remove the Power Cap® unit from the MicroLite™ Computer Collar® unit. Insert the coin in the slot on top of the Power Cap® unit and turn it 45 degrees counter-clockwise. Do not push down while turning. The Power Cap® unit will rotate while the spring inside will push the Power Cap unit out of the MicroLite™ 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 MicroLite™ 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 45 degrees 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.*

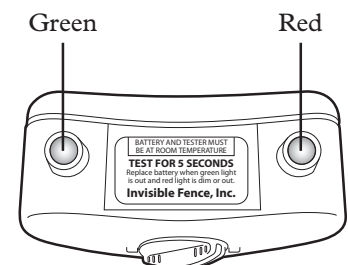
### Power Cap® Unit Tester

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.



## Periodic Maintenance Checks

System Device	How often	What to look for
MicroLite™ Computer Collar unit	Daily	<ul style="list-style-type: none"> <li>• Check Power Cap® Battery status light on top of unit.</li> <li>• Review chart for status indicators (see page 5).</li> </ul>
Signal Field Width	Monthly and after a thunderstorm	Verify the signal field wire is active throughout the property, see Monthly Signal Field Width Test below.

### Monthly Signal Field Width Test

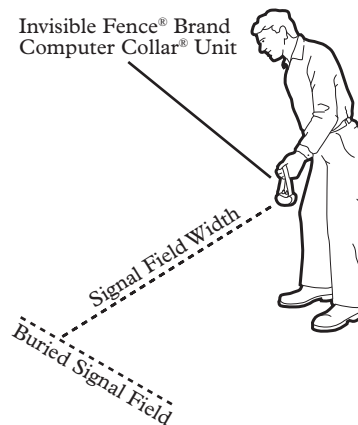
You should always be aware of your system's signal field width.

Check the width of the signal field from only one place on the signal field loop wire. Always check the signal field width from the same place. Take the MicroLite™ Computer Collar® unit off your pet to measure the signal field width.

1. Hold the Invisible Fence® Brand MicroLite™ Computer Collar® unit so it is parallel to the signal field wire.
2. Hold the collar so it is about the same height and at the same angle as it will be when the pet is wearing it.
3. Walk slowly toward the signal field wire. The receiver will activate when you reach the edge of the signal field. Do NOT touch the correction posts at this time!

If the receiver does not sound a warning tone where the edge of the signal is supposed to be, immediately call your Invisible Fence® Brand Dealer for service. Use a leash (lead) or other means to contain your pet until all necessary service has been completed.

Signal Field Width: \_\_\_\_\_



## Troubleshooting

Symptom	Possible Cause	Action
Pet is getting out.	<ul style="list-style-type: none"> <li>• Power Cap® unit in the MicroLite™ Computer Collar® unit is dead or weak.</li> <li>• MicroLite™ Computer Collar® unit is not fit properly on the pet.</li> <li>• Signal field wire has a break.</li> <li>• Power is not supplied to the transmitter or power is out.</li> <li>• Signal field is too narrow.</li> <li>• Pet needs additional training.</li> </ul>	<ul style="list-style-type: none"> <li>• Replace the Power Cap® unit.</li> <li>• See page 4 for properly fitting the collar.</li> <li>• Contact your Invisible Fence® Brand Dealer.</li> <li>• Make sure transmitter power supply is plugged in.</li> <li>• Contact your Invisible Fence® Brand Dealer.</li> <li>• Contact your Invisible Fence® Brand Dealer for additional pet training.</li> </ul>
Pet will not enter the yard.	<ul style="list-style-type: none"> <li>• Signal field is too high.</li> <li>• Pet needs additional training.</li> </ul>	<ul style="list-style-type: none"> <li>• Contact your Invisible Fence® Brand Dealer to check signal field.</li> <li>• Contact your Invisible Fence® Brand Dealer for additional pet training.</li> </ul>
MicroLite™ Computer Collar® unit not responding to signal field (loop) wire.	<ul style="list-style-type: none"> <li>• Power Cap® unit in the MicroLite™ Computer Collar® unit is dead or weak.</li> <li>• Signal field wire has a break.</li> <li>• Power is not supplied to the transmitter or power is out.</li> </ul>	<ul style="list-style-type: none"> <li>• Replace the Power Cap® unit.</li> <li>• Contact your Invisible Fence® Brand Dealer</li> <li>• Make sure transmitter power supply is plugged in.</li> </ul>



# Important Warnings

Your Invisible Fence® Brand Dealer has professionally installed your pet containment system and ensured it is working properly. You will want to perform periodic maintenance checks to make sure the system is properly functioning for your pet's safe containment.

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

## Warning 1:

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® 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.

## Warning 2:

The control panel component of the system includes visual and audible signals to warn of a system malfunction. The control panel should be installed where such signals may be easily seen and heard. If the control panel is installed in an enclosed box, or in a place not readily accessible to the customer, the customer will not benefit from the system's warning functions, for which Invisible Fence®, Inc., as well as Invisible Fence® Distributors and Dealers assume no responsibility.

## Battery Disposal

Separate collection of spent batteries is required in many regions; check the regulations in your area before discarding spent batteries. Please see page 5 of your manual for instructions on how to remove the battery pack for separate disposal. The Computer Collar® operates on 1 Lithium (Li-MnO<sub>2</sub>) battery with a 3 Volt, 160 mAH capacity, replace only with an equivalent battery that can be obtained from your Invisible Fence® Brand Dealer.

## 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

IC: 2721A-300935

FCC ID: KE3-300935

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, 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: [url TBD](#)



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Ireland: #0714235, #0720780,  
France: #0720780, #0714235  
Germany: #0714235, #0720780