

About Innotek Training Collars

This Innotek electronic dog collar is among the safest, most humane and effective training products you can buy. Used properly, the collar's electronic stimulus serves as a distraction that your dog will find undesirable. By obeying, your dog quickly learns to shut off the stimulus, thus gaining confidence in response to your commands. Like all Innotek training products, this collar has adjustable stimulation levels. This feature allows you to use the level that best matches your dog's temperament.



CAUTION

Please take a few minutes to read the instruction manual prior to your first use. This instruction manual contains important programming and set-up information to help your training proceed as successfully as possible. For best results, follow these important rules:

- The electronic dog collar is intended only for use on dogs. how much can be accomplished by using low-level stimulation, therefore use the lowest stimulation necessary to get the desired behavior.
- A low battery may cause intermittent operation. DO NOT USE if you suspect a low battery.
- Allow your dog to get used to the collar before you begin training. You want your dog to accept the collar as part of a routine, not to associate the collar with correction.
- DO NOT leave the collar on your dog for more than 12 hours.
- NEVER perform set-up procedures when the collar is on your dog.
- An electronic collar should only be used under close supervision by the dog's owner.

- KEEP OUT OF THE REACH OF CHILDREN.
- Read all instructions before using product. If you have any questions or concerns after reading this information, contact Innotek at 1-800-826-5527.

IMPORTANT

Realize that because individual dogs have unique temperaments, there is no way of knowing how your dog will react to its introduction to this product. For the safety of your dog, initial training should take place using a long lead to keep you in control of the situation. Also realize that an aggressive animal could turn against the handler upon receiving the stimulus. Therefore, if you feel your dog has an aggressive behavior and/or it has a history of aggressive behavior, you should consult a certified animal behaviorist before using this product.

Please refer to the Training Tips for Containment Systems on page 10 section 5 before proceeding.

INTRODUCTION

Your decision to purchase this containment system will reward you with many new training opportunities. Naturally, you're eager to get started training your dog. But please take a few minutes to read this manual first. It contains important programming and set-up information to help your training proceed as successfully as possible.

Both the battery-operated and rechargeable models include 500 feet of boundary wire, enough to create an enclosure of nearly 1/2 acre. Additional boundary kits (available separately) allow you to add wire to create an enclosure as large as 5 acres. For best results, read this owner's guide thoroughly and review the included Installation/Training tape.

IMPORTANT NOTE: In this owner's guide, Section 1 deals only with the battery-operated receiver containment system. Section 2 deals only with the rechargeable receiver system. Sections 3 and 4 deal with both systems and with all other Innotek® brand containment systems.

SECTION 1.

THE BATTERY-OPERATED RECEIVER CONTAINMENT SYSTEM

This section deals ONLY with the battery-operated receiver containment system. If you are using a rechargeable receiver containment system, please proceed to Section 2.

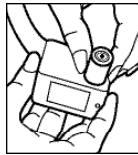
Collar Receiver

Your system's collar receiver delivers the correction that helps your dog learn his boundaries. In this system, the collar receiver is battery operated. Follow the procedures below to set up your collar receiver for initial use.

BATTERY-OPERATED SYSTEM ONLY:

Collar Receiver Battery Installation

1. Place the collar receiver on a flat surface with the battery cap facing up.
2. Using a coin or a screwdriver, unscrew the nickel-plated battery compartment cap from the collar receiver.

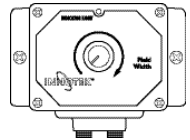


3. Insert the 6-volt alkaline battery (included) into the battery compartment positive (+) side up.

Replace the battery compartment cap. Being careful to keep the cap in contact with the battery, turn the cap clockwise until it is firmly seated.

THE WALL-MOUNT TRANSMITTER

The transmitter can be mounted to a wall near any standard 110-volt household outlet with the included screws. It will withstand freezing temperatures, but it is not waterproof. Therefore, it is best to locate the wall transmitter in an enclosed area.

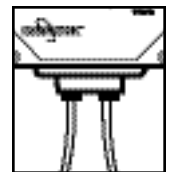


To power the wall transmitter, plug the AC adapter into the standard 110-volt household outlet and connect it to the wall transmitter's power port.

Wall Transmitter Features Include:

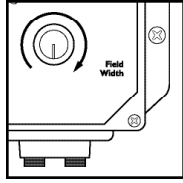
Lightning / Surge Protection - Helps protect the wall transmitter from damage if a power surge occurs or if lightning hits the ground in your area. A close lightning strike may damage the unit. Therefore, we recommend that you unplug the transmitter and disconnect the wires during storms. A lifetime-warranted lightning protection module is available to protect the wall transmitter from both AC power surges and containment wire surges that occur during a close lightning strike. (See ordering information at the end of this owner's guide.)

Wire Connectors- Easy-to-use, push-release wire connectors let you instantly connect or disconnect the boundary wire leads. Wires should be stripped about a half inch before connecting.



Power and Field Width Adjustment Knob

Controls the width of the signal field (the distance from the boundary wire to the place where the collar receiver first activates). Turning the knob clockwise increases the field width; turning it counterclockwise decreases it. Turning the knob completely counterclockwise switches off the transmitter power.



Indicator Light -

Tells you the following information:

System Operational: A continuous red light tells you that the transmitter is properly connected, both wires are connected, and the wire forms an unbroken, continuous loop.

Note: The transmitter light indicates continuity only. If you have a loose splice or nicked wire, the red light or a flickering light may still show, but you may notice reduced or no field width. If this situation or a wire break should occur, follow the instructions in the Troubleshooting and Maintenance Section located near the end of this guide.

System Malfunction: No light tells you one or more of the following: One or both wires are not properly connected; both wires are connected but the wire is broken or nicked at some point; the transmitter has malfunctioned; or the power has been turned off.

Special Features That Increase Effectiveness -

This system contains special features to increase the containment system's effectiveness.

1. Pre-Correction Warning Tone: When the dog reaches the edge of the signal field in the yard, it will hear a pre-correction warning tone that lasts about two seconds. If the dog does not return to the safe part of the yard, it will receive a continuous low-level correction until it re-enters the "safe" part of the yard.

2. Run-Through Prevention: The receiver auto-

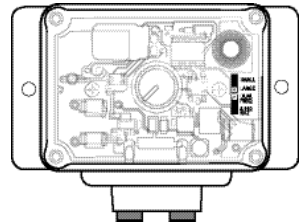
matically increases the correction when the dog continues more than 1/3 of the way through the signal field. For example, if the signal is detected 12 feet from the wire and your dog enters the signal field, this feature is activated when the dog is eight feet from the wire. At this point, the dog automatically receives the High level of correction. This feature acts as an override to the pre-correction warning tone, so the dog cannot "run through" the system without activating a strong correction. As the dog retreats into the yard, the correction will reduce to the low-level correction and then turn off as the dog returns to the safe part of the yard.

3. Over-Correction Prevention: In the unlikely event that your dog becomes "trapped" in the signal field, this feature limits correction duration to 20 seconds. The system shuts off for 10 seconds before resuming correction for another 20 seconds. This pattern will alternate until your dog retreats to the safe area of the yard or the system is turned off.

YARD SIZE

The wall-mounted transmitter contains an internal "jumper" switch that can be adjusted for small or large yards. To adjust for yard size, turn the field width adjustments knob to the off position, remove the knob, and the four screws securing the transmitter's cover.

The yard size "jumper" at the right side of the transmitter can be moved from SMALL for small yards (less than 1,000 feet of boundary wire) to LARGE for large yards (over 1,000 feet of boundary wire). The jumper must be in place for the transmitter to function. The "jumper" is pre-set at the factory for small yards. When finished, replace the transmitter cover and



4 screws, and install knob with pointer in the "off" position.

NOTE: There is a second jumper switch labeled "DUAL FREQ" and "8.192 KHz." This jumper should always be in the "8.192 KHz" position unless otherwise directed by the Innotek Contact Center.

Proceed to Section 3, Important Notes About Using a Containment System

SECTION 2. THE RECHARGEABLE RECEIVER SYSTEM

This section deals ONLY with the rechargeable receiver containment system. If you are using a battery-operated receiver system, please refer to Section 1 above.

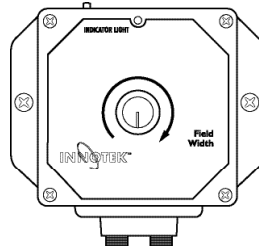
Your system's collar receiver delivers the correction that helps your dog learn his boundaries. In this system, the collar receiver is rechargeable and is charged via the wall-mounted transmitter. To charge the collar receiver for initial use, you must first install the wall-mounted transmitter.

THE WALL-MOUNT TRANSMITTER

The transmitter can be mounted to a wall near any standard 110-volt household outlet with the included screws. The transmitter is not waterproof and should be mounted in an environment with an ambient temperature between 32 degrees F and 113 degrees F (0C to 45C). Therefore, it is best to locate the wall transmitter in an enclosed area. To power the wall transmitter, plug the AC adapter into the standard 110-volt household outlet and connect it to the wall transmitter's power port.

Wall Transmitter Features Include:

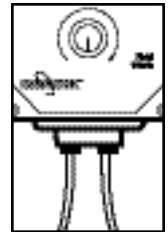
Lightning / Surge Protection - Helps prevent the wall transmitter from damage if a power surge occurs or if lightning hits the ground in your area. A close lightning strike may damage the unit. Therefore, we recommend that you unplug the transmitter and disconnect the wires during storms. A lifetime-warranted lightning protection



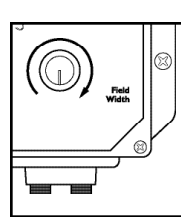
module is available to protect the wall transmitter from both AC power surges and containment wire surges that occur during a close lightning strike. (See ordering information at the end of this owner's guide.)

Wire Connectors -

Easy-to-use, push-release wire connectors let you instantly connect or disconnect the boundary wire leads. Wires should be stripped about a half inch before connecting.



Power and Field Width Adjustment Knob



Controls the width of the signal field (the distance from the boundary wire to the place where the collar receiver first activates). Turning the knob clockwise increases the field width; turning it counterclockwise decreases it. Turning the knob completely counterclockwise switches off the transmitter power.

Indicator Light -

Tells you the following information:

System Operational: A continuous red light tells you that the transmitter is properly connected, both wires are connected, and the wire forms an unbroken, continuous loop.

Note: The transmitter light indicates continuity only. If you have a loose splice or nicked wire, the red light or a flickering light may still show, but you may notice reduced or no field width. If this situation or a wire break should occur, follow the instructions in the Troubleshooting and Maintenance Section.

System Malfunction: No light tells you one or more of the following: One or both wires are not properly connected; both wires are connected but the wire is broken or nicked at some point; the transmitter has malfunctioned; or the power has been turned off.

Receiver Charging: A blinking red light indicates that the collar receiver is being charged. The blinking light goes out when the collar receiver is fully charged.

Special Features That Increase Effectiveness

This system contains special features to increase the containment system's effectiveness.

1. Pre-Correction Warning Tone: When the dog reaches the edge of the signal field in the yard, it will hear a pre-correction warning tone that lasts about two seconds. If the dog does not return to the safe part of the yard, it will receive a continuous correction until it re-enters the "safe" part of the yard. Note that if the transmitter is set on High, there will be no pre-correction warning tone.

2. Run-Through Prevention: The receiver automatically increases the correction when the dog continues more than 1/3 of the way through the signal field. For example, if the signal is detected 12 feet from the wire and your dog enters the signal field, this feature is activated when the dog is eight feet from the wire. At this point, the dog automatically receives the High level of correction. This feature acts as an override to the pre-correction warning tone, so the dog cannot "run through" the system without activating a strong correction. As the dog retreats into the yard, the correction will reduce to the transmitter setting level and then turn off as the dog returns to the safe part of the yard.

3. Over-Correction Prevention: In the unlikely event that your dog becomes "trapped" in the signal field, this feature limits correction duration to 20 seconds. The system shuts off for 10 seconds before resuming correction for another 20 seconds. This pattern will alternate until your dog retreats to the safe area of the yard or the system is turned off.

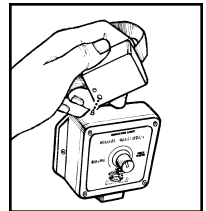
CHARGING THE COLLAR RECEIVER

The collar receiver must be charged for at least 12 hours before you use it for the first time.

Note that the containment system will not function while the collar receiver is charging. Therefore you should either plan **a)** to charge the collar receiver only when your dog can be supervised or otherwise contained; or **b)** to purchase an additional collar receiver and charger from Innotek® and charge one collar receiver while the other is in use. To order an additional collar receiver, call the Innotek Contact Center at 800-826-5527.

To charge the collar receiver:

1. Turn the wall-mounted transmitter on and place the collar receiver on top of it. Make sure the transmitter's raised alignment pin fits into the small indentation on the bottom of the collar receiver.



2. Check to make sure the transmitter is blinking. This indicates that the collar receiver is being charged. If it is not blinking, check to make sure the transmitter is turned on and check all connections.

Note that the exclusive "Intellicharge" system automatically prevents over-charging. The blinking indicator light will go out when the collar receiver is fully charged.

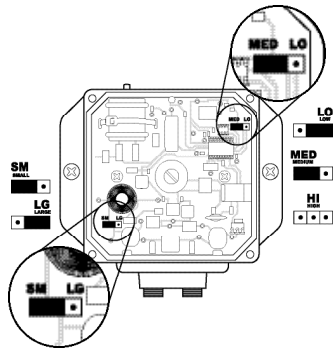
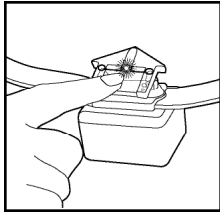
IMPORTANT CHARGING NOTES

1. Test the system once a week to make sure the collar receiver is charged. To test, attach the supplied test light to the collar receiver probes. Holding the receiver by the case, NOT by

the probes, walk into the signal field. Listen for the warning tone to sound and the test light to illuminate.

2. Depending on the frequency of correction, a fully charged collar receiver usually lasts between 2 and 3 weeks.

3. Every 6 months, the collar receiver should be allowed to discharge fully and then be recharged. To discharge the receiver, turn the system on and place the collar receiver with the test light attached in the signal field. When the receiver stops emitting a tone and illuminating the test light, it is fully discharged.



The yard size “jumper” at the lower left side of the transmitter can be moved from SMALL for small yards (less than 1,000 feet of boundary wire) to LARGE for large yards (over 1,000 feet of boundary wire). The jumper must be in place for the transmitter to function. The “jumper” is pre-set at the factory for small yards.

Note: Always use the test light when discharging the collar receiver. Failure to do so can permanently damage the collar receiver.

SETTING THE CORRECTION LEVEL

The wall transmitter allows three levels of correction: Low, Medium, or High. It comes from the factory set at Medium. If you want to change the level:

1. Turn the field width adjustment knob to the off position, remove the knob. Remove the four cover screws and the front cover.
2. The “jumper” in the upper right corner of the transmitter can be moved to the right for the Low setting or completely removed for the High setting.
3. When finished replace the transmitter cover and 4 screws, and install the knob with the pointer to the “off” position.

YARD SIZE

The wall-mounted transmitter contains an internal “jumper” switch that can be adjusted for small or large yards. To adjust for yard size, turn the field width adjustment knob to the off position, remove the knob and the four screws securing the transmitter's cover.

When finished replace the transmitter cover and 4 screws, and install the knob with the pointer in the “off” position.

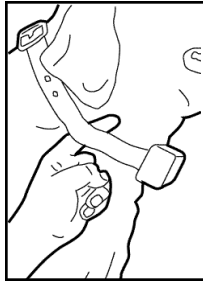
SECTION 3.

IMPORTANT NOTES ABOUT USING A CONTAINMENT SYSTEM-

Before putting the collar receiver on your dog, manually test the containment system using the supplied test light. To manually test the system, position the test light on the probes so that the tips of the probes make contact with the wires inside the two openings. Gentle pressure may be needed. The collar receiver should be held at the height on the dog's neck with the probes pointed upward. Hold onto the black case of the receiver box, but do not touch the probes. Slowly walk the collar receiver toward the boundary wire. Listen for the warning tone and watch for the test lamp to light. The light will be dim for mild stimulation and bright for the intense stimulation of the run-through prevention. **Only when certain the collar is responding properly to the containment signal and the field width is set appropriately should you proceed with fitting the collar on your dog.**

Collar Fit

Careful selection of the probes and positioning of the collar are important. Use the short probes for short-haired dogs and the longer ones for dog with long or thick coats. Finger-tighten the probes, then turn one additional revolution with the probe wrench; do not over-tighten. Place the collar around the dog's neck with the receiver box under the chin. Fit the strap as snugly as possible, without restricting breathing. There should be enough room to fit only one finger between the strap and the dog's skin.



Make sure both probes contact the dog's skin.

Remove the collar and trim the excess, leaving 4 to 6 inches.

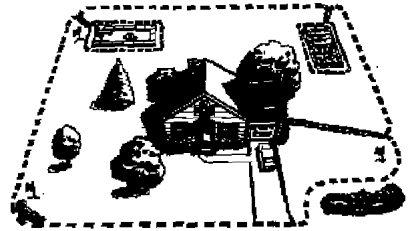
1. Always use the rubber insulators between the collar strap and probes to provide insulation in damp conditions.
2. If needed, a small amount of hair removal or thinning will improve probe contact with the skin.
3. Check your dog's neck periodically for skin irritation.
4. Never leave the collar on your dog for more than 12 hours a day or when you are away.
5. This product is not recommended for dogs under six months of age.
6. Check the tightness of the probes regularly and frequently to prevent loss of the receiver box.
7. The battery-replaceable collar receiver is water-resistant and should not be immersed in any liquid. This will cause damage that is not covered under the manufacturer's warranty. The rechargeable collar is waterproof and will continue to function after being submerged in water.

8. To prevent accidental correction inside the home, remove the collar from the dog's neck when it comes inside.

SECTION 4.

INSTALLING THE BOUNDARY WIRE

Before installing the boundary wire, contact your utility companies to mark the utility lines before digging. Select the areas of the property within which you want to contain the dog. A diagram may be helpful to avoid unforeseen obstacles. (Please note the example diagrams included at the end of this manual.)



Your system includes 500 feet of boundary wire. For yards requiring more wire, boundary kits are available through the Innotek® Contact Center. Each boundary kit includes 500 feet of wire, 50 training flags, and two waterproof wire splices. Here are some examples of wire coverage:

Acres	Linear Feet of Wire Needed
1	850
2	1200
3	1500
4	1700
5	1900

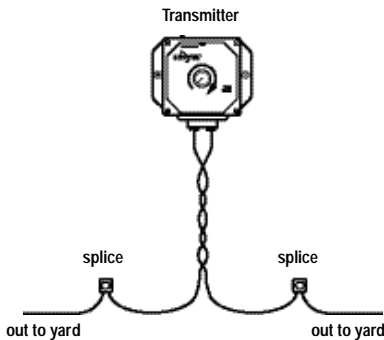
The figures above assume a rectangular layout. Actual footage may vary. Keep in mind that you will want at least a 6- to 8-foot signal field on each side of the wire and the dog will stay back another 2 to 4 feet from the edge of the field. An 8- to 12-foot wide field is preferred. Avoid making passageways too narrow or your dog may be hesitant to use them (i.e. along the sides of a house).

Tools Needed - You may need the following tools for efficient installation: Straight-edged spade, wire cutter / stripper, and standard screwdriver. If you plan to run the wire across concrete, you will also need a caulk gun, silicone caulking, and a circular saw with a masonry blade.

Placing the Wire - For the system to work properly, the wire must make one continuous loop. The signal is transmitted from one terminal of the transmitter, through the wire, and back to the other terminal.

Running and twisting the wire along itself cancels the signal.(see diagram):

Use twisted wire from the transmitter out to the exterior loop wire. This allows the dog to cross the area without receiving a correction. To twist the wire, cut two equal lengths and hold them side by side. Put one end of both wires in a power drill and spin the wires until the twists are 1 to 3 inches apart. The tighter the wire, the better the signal cancellation. The wire can also be twisted manually.

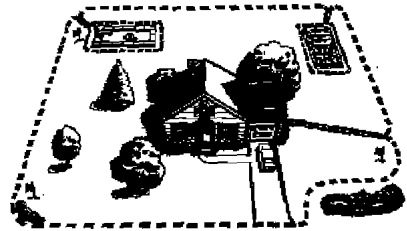


The wire does not have to be buried, but for protection you probably want to bury it at least one inch underground. Start by digging about 3 to 4 inches deep where the wire first enters the ground near the transmitter and continue around the path of the loop wire. A 30- to 45-degree angle cut made with a flat blade spade will be the easiest to close and heal.

Note: When covering a large area, you may wish to use a trenching machine to cut into the ground. However, we recommend that the wire be placed in the trench by hand. A commercial wire-placing machine may break the wire.

IMPORTANT! DO NOT BURY THE WIRE UNTIL YOU HAVE TESTED THE SYSTEM AND ARE SURE IT IS WORKING PROPERLY. DO NOT NICK OR SCRAPE THE WIRE DURING INSTALLATION. AN INTERMITTENT SIGNAL OR NO SIGNAL WILL OCCUR.

Use gradual turns at the corners with a minimum of 2.5-foot radius. This will produce a more con-



sistent signal field and avoid confusing the dog in these areas.

IMPORTANT!

Do NOT run the loop within six feet parallel to electrical, telephone, cable TV, or other buried wire in the yard.

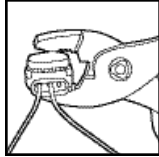
Do NOT run one section of wire within 10 feet of another section or the signal may cancel.

Do NOT run your wire within 10 feet of a neighboring containment system's boundary wire.

Driveways / Sidewalks - When crossing an asphalt driveway, make a 1/2-inch deep cut across the driveway using a circular saw and masonry blade. Place the wire in the crack and seal with asphalt sealant. On driveways and sidewalks, if an expansion joint is available, simply place the wire in the joint and seal with an outdoor caulk. When crossing gravel, bury the wire at least 3 inches deep. Use an old garden hose or plastic

PVC piping to protect the wire. In water, anchor the wire with large rocks. Protect the wire with an old garden hose or plastic PVC piping.

Splices - The wire connections must be waterproof. Using electrical tape, solder or twisted wire nuts will cause an intermittent signal or disarm the system. The waterproof splices included in Innotek's containment system are designed to provide a sealed connection between the wires. The insulation on the boundary wire should not be stripped before placing wire into the holes. To use the waterproof splices, a single boundary wire is placed into one of the three holes of the splice. The other single boundary wire is placed into one of the other holes. That leaves one extra hole which is not used. A pair of pliers should be used to press down on the top black part of the splice.

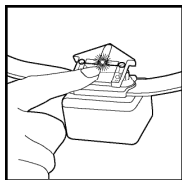
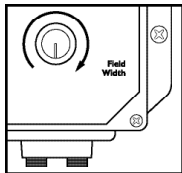


CONNECTING THE LOOP TO THE TRANSMITTER

Splice the two ends of the twisted wire to each of the two ends of the loop wire. Drill a hole through the exterior wall or window / door sill or run the wire through an existing utility line hole. Connect the twisted wires to the transmitter, either wire to either terminal (wire ends must be stripped 1/2 inch.) A red indicator light should appear indicating a continuous wire loop. If no light appears, check for continuity and make sure that all wires are properly connected.

THE SIGNAL FIELD

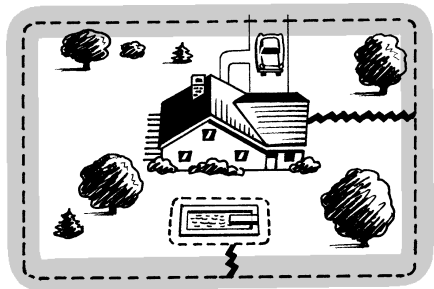
The width of the signal field is adjusted using the transmitter's Field Width Adjustment Knob. Increasing or decreasing the signal field width does not affect the correction intensity.



To test the signal field, attach the test light to the

probes and slowly walk the collar receiver toward the boundary wire. The collar receiver should be held at the height of the dog's neck with the probes pointed upward. Listen for the warning tone and watch for the test lamp to light. The wider the signal field, the less chance that a dog can run through the field.

The signal field should extend a minimum of 6 feet on either side of the wire (creating a 12-foot wide field). An 8- to 12-foot wide field is preferred. This ensures that the dog is properly contained and makes the Run-Through Prevention more effective.



Note: If you are using the transmitter with the signal level "jumper" set to LG and cannot turn the signal field down any farther, move the "jumper" to SM. If the "jumper" is set to SM and you cannot turn the signal field up any farther, move the "jumper" to LG.

Note: If the field adjustment knob position is altered by turning clockwise, counter-clockwise, or removing, you must always check the signal field for the desired setting. Refer to the shaded box in Section 3, Important Notes About Using a Containment System.

IMPORTANT: IF YOU ARE USING A BATTERY-OPERATED RECEIVER CONTAINMENT SYSTEM, MAKE SURE THE JUMPER INSIDE THE WALL TRANSMITTER IS SET FOR 8.192 KHZ. THIS IS THE FACTORY SETTING AND SHOULD NOT BE CHANGED UNLESS DIRECTED BY THE INNOTEK CONTACT CENTER.

When you are satisfied with the field width setting, bury the wire just below the grass line and place the flags where the warning tone is heard.

SECTION 5. TRAINING TIPS FOR CONTAINMENT TRAINING

To get the most out of your containment system when training, keep these tips in mind:

- The collar must be on relatively tight to keep the probes making skin contact without restricting breathing. You should be able to slide only one finger under the strap at the back of the dog's neck.
- You will know when you have found the correct stimulation level when your dog responds to the stimulation with only a mild twitch of the neck, shoulder, head, or perk of the ears. If the dog cries out upon receiving the stimulation, you need to go to a less intense level. The dog should never cry out when the transmitter is set at the proper stimulation level.
- Never leave the collar receiver on the dog for longer than 12 hours a day. Leaving the collar on the dog for extended periods could result in irritation around the neck or at the site where the probes make contact with the skin.
- Never use an electronic collar on a dog under six months of age.
- Check the tightness of the probes regularly and frequently to prevent loss of the receiver box.
- Other metal collars should be removed from the dog when it wears the Innotek collar. They may prevent the stimulation from affecting the dog.
- Always make sure the collar is functioning properly BEFORE putting it on the dog. Verify the containment transmitter is operating properly and the field width is appropriate. To test the signal field, refer to the shaded box in Section 3, Important Notes About Using a Containment System.

- Always use the lowest stimulation level on the wall transmitter to contain the dog. Proceed to higher stimulation levels only if necessary.

- Place the training flags at the perimeter where the warning tone is heard. This will add a visual cue to the audio warning tone and help the dog learn the boundary.

- Keep training sessions brief and never continue a session after the dog has lost interest. Take a break to rest or play.

- ALWAYS praise your dog for good behavior.

The following Steps outline a successful training plan:

Step 1: Flag Training

- This step is done with the collar on the dog but the wall transmitter turned OFF so no corrections will be given.

- With the dog on a long leash, play with the dog in the safe area of the yard for 2-4 minutes. Do not allow your dog to run free or cross the flag lines.

- Casually approach the flags, reach down and calmly shake a flag saying "bad flag" in a disapproving tone.

- Return to the center part of the yard and play with the dog, reward with treats. Repeat this exercise several times in various locations of the yard.

Step 2: The First Correction

- While holding the collar receiver by its case or strap (not probes), turn the wall transmitter on. To dial an appropriate signal field, refer to The Signal Field on Page 9 and the important notes that follow.

- Place the collar on the dog in the safe area of the yard.

- Play with the dog (on leash) in the safe area of the yard.

- Casually proceed toward the flags. If your dog tries to avoid the flags, praise him and reassure him.
- Repeat this step in other locations of the yard.
- Allow no more than three corrections in a day or seven in a week, depending on your dog's stress tolerance. Most dogs only receive a few corrections during the training phase; they respond to tone very quickly.
- Reward your dog when he avoids the flags, even if a correction is issued.
- Play in the safe zone with the dog before ending this training session.

Step 3: On-Leash Proofing

- With the collar on the dog and the wall transmitter ON, play with the dog (on leash) in the safe area. After a few minutes of play, toss a toy or treat through the flag line.
- If the dog runs through the flags to chase the toy, wait for the startled response and pull your dog back into the safe area. Praise and reward the dog.
- Reinforce training by shaking a flag on the perimeter and use a disapproving tone to say, "bad flag." Consider increasing the signal field area. If you choose to increase the signal field area, remove the collar from the dog, increase the signal field, and retest. Refer to The Signal Field on page 9 and the important notes that follow.
- Repeat this exercise in other locations of the yard.
- Praise the dog when he avoids the boundary, and remain positive, upbeat, calm and playful during the training session.
- When the dog has refused to run through the flags 20 consecutive times, proceed to the next step.

Step 4: Off-Leash Proofing

- Follow the procedures in Step 3 except do not hold the end of the leash. Drop the leash on the ground; it will be available if you need to retrieve your dog.
- If the dog gets through the fence during this phase, quickly remove the collar, bring your dog back into the safe area, and put the collar back on the dog. Remind him "bad flags," and soothe, pet, praise, and reassure your pet.
- Repeat this distraction training until you are confident that your dog will ignore temptations outside the containment area.

SECTION 6. TROUBLESHOOTING AND MAINTENANCE

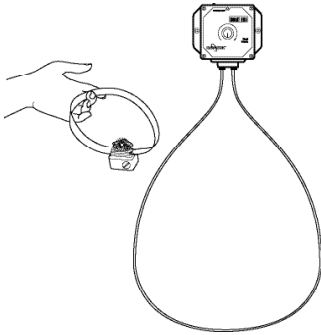
A. Dog is not responding to correction:

- Adjust the collar fit.
- Trim the dog's hair or use longer probes to make better skin contact.
- Change and/or recharge the battery in the collar receiver.
- Adjust the correction level. (Rechargeable battery receiver system only).
- Be sure the wall transmitter jumper is set at 8.192 kHz. (Replaceable receiver system only).

B. System test procedures:

Whenever you experience a malfunction, you will need to do a Test Loop to determine which component - collar, wall transmitter, or yard wire - is not working. To perform the Test Loop procedure, please follow these steps:

1. Make a test loop using a piece of wire at least 10 feet in length.
2. Remove the existing boundary wire from your wall transmitter.

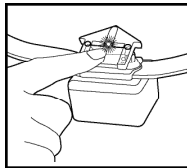


3. Insert the two ends of the test loop wire into the wall transmitter.

4. Turn the field width knob to the 9 o'clock position or a low setting.

5. Place the test light on the collar receiver. With outside the field and approach the test loop. Make a mental note of the distance between you and the wire when the collar activates.

6. Turn the field width knob to 12 o'clock or a medium setting.



7. Back away from the wire and approach it again. Determine the distance between you and the wire when the collar activates. The distance should be greater on the medium range setting.

8. If more than one collar receiver is used with the system, repeat the above test on each collar.

If there is no red light on the wall transmitter with the test loop wire in place, the wall transmitter is malfunctioning.

If the red light is solid on the wall transmitter, but the collar does not activate on the test loop wire, the collar receiver is not working. Change and/or recharge the battery in the collar receiver and repeat the test.

If the red light is solid on the wall transmitter and the collar receiver is activating at different dis-

tances on the test loop wire, the problem is in the yard wire.

C. Locating broken wires:

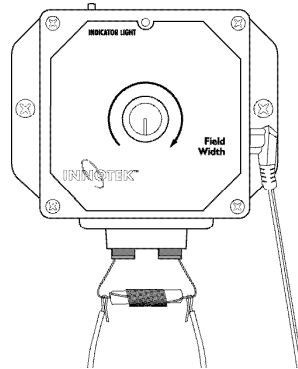
To locate wire breaks in the loop installation, use a wire break location device called an RF Choke which can be ordered from the web site, www.pet-products.com. It is also available at Radio Shack® (Catalog #273-102C). Once you have this device, follow these steps:

1. Disconnect the power by unplugging the adapter from the outlet.

2. Disconnect the boundary wires from the wall transmitter.

3. Bend the leads of the RF-Choke into the shape of a horseshoe.

4. Gently wrap the boundary wire (stripped) ends around the RF-Choke leads (one to each side).



5. Plug the RF-Choke leads into the wire terminals on the wall transmitter.

6. Plug the adapter into the outlet.

7. Set a portable AM radio to AM-60 or AM-600.

8. Set the field width knob high enough to obtain a signal on the portable radio when holding the radio over the containment boundary wire.

9. The signal should be absent on the twisted wire portions because twisting cancels the signal. When you reach a single wire area of your boundary, listen for pulsating static on the radio.

10. Hold the radio chest high and swing the radio over the wire as you walk along the boundary.

11. If the tone stops, weakens, or changes pitch, mark the spot with a flag or stick. No sound indicates a complete break in the wire. If the signal fades or changes in pitch, look for a nick in the insulation.

12. Continue around the remaining boundary and mark each signal change with a flag or stick.

13. After completing the entire boundary, return to the marked spots. Examine the wire for 3 to 4 feet in each direction.

14. Replace the wire using the same gauge wire used in the original installation and use waterproof splices to make the connection.

SECTION 7.

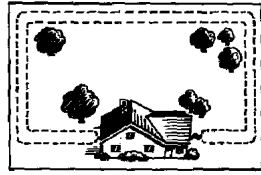
GENERAL MAINTENANCE TIPS

Your system requires very little maintenance. The battery-replaceable collar receiver is water-resistant and should not be immersed in any liquid. This will cause damage that is not covered under the manufacturer's warranty. The rechargeable collar is waterproof and will continue to function after being submerged in water. To remove dirt, simply wipe with soap and water. Never place the collar in a dishwasher.

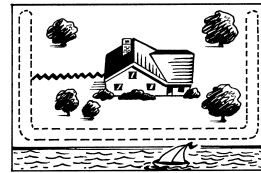
The wall transmitter is not waterproof and must be protected from the weather.

Do not attempt to dismantle or repair any of the system components; this will void the manufacturer's warranty. These components contain computerized circuitry that should be serviced only by an authorized expert.

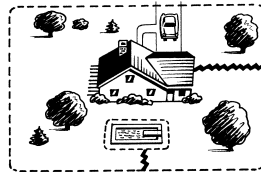
Example Installation Diagrams



To allow back door entry with back yard containment.



To keep dog away from a specific area.



To enclose the entire property and protect a selected area.



IF YOU HAVE ANY QUESTIONS ABOUT THE USE OF THIS PRODUCT, DO NOT RETURN IT TO THE PLACE OF PURCHASE. CALL THE INNOTEK® CONTACT CENTER AT:

800-826-5527 OR 219-467-5000.
HOURS: Monday-Friday, Spring/Summer:
8 am to 5 pm, Central Time;
Fall/Winter:
8 am to 5 pm, Eastern Time.
Saturdays:
8 am to 4 pm

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This product is not a substitute for traditional obedience training. Innotek does not guarantee the effectiveness of this product due to variances in canine personality, temperament and influences beyond Innotek's control.

Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply in all instances.

If services are required, call the Innotek Contact Center to obtain a Return Materials Authorization Number (RMA) and return instructions. The defective part or the complete system should be sent by insured U.S. mail or UPS to the address below. A \$15 check or money order is required for processing and handling.

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1000 Fuller Drive
Garrett, IN 46738**

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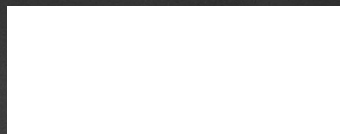
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