

OWNER'S MANUAL



dogtra e-Fence System

CONTENTS

OVERVIEW

Thank you for purchasing our dogtra e-Fence System.

With dogtra e-Fence System your dog can freely play around within the boundaries you have selected.

With the proper training you will enjoy seeing your dog in good demeanor.

MAIN FEATURES

- Collar/Receiver – Newly designed to make adjusting the collar strap easy.
- Waterproof Housing – The collar/receiver is waterproof.
- Wall transmitter features lightning/surge protection.
- Dogtra e-Fence has a warning/vibration signal before electrical stimulation/correction is given to the dog.
- A wire indicator shows the continuity of fencing wires.
- Levels are easily adjusted using the intensity selection dial on the wall mount transmitter.
- Dogtra e-Fence is easy to install and use.

SAFETY

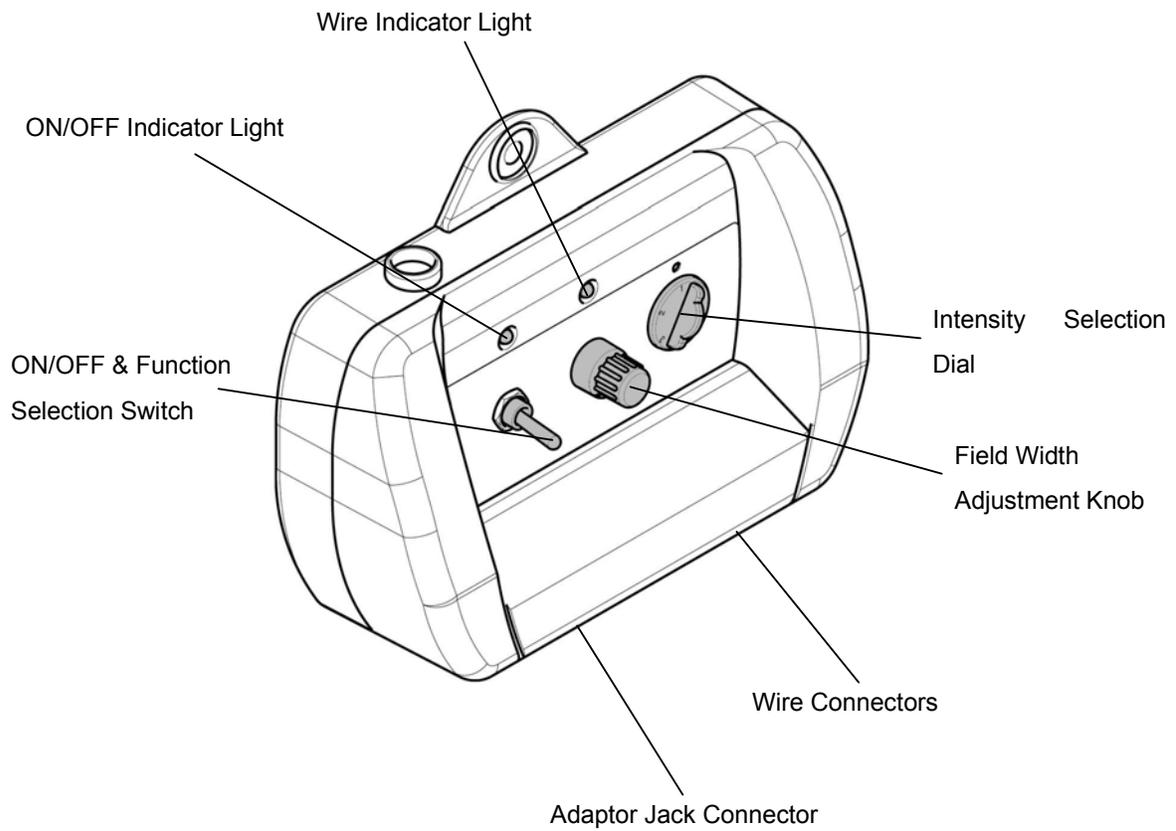
- Dogtra e-Fence collars use state-of-the-art microcomputer technology. The receiver has an automatic control which limits the stimulus to eight seconds.
- Dogtra's filtering system prevents reception from outside sources other than your transmitter.

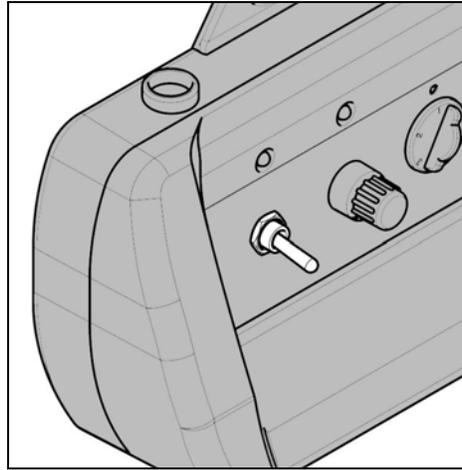
DOGTRA e-Fence System PACKAGE CONTENTS

- Wall-Mount Transmitter
- Collar/Receiver
- Battery Charger and Adapter
- Test Lamp
- Flags (boundary training flags)
- Underground Fence Wire (500 feet)
- Splicer
- Lightning/Surge Protective Wire
- Accessory Magnet
- Transmitter Mount Screws (2ea)
- Owner's Manual

DESCRIPTION OF TRANSMITTER PARTS

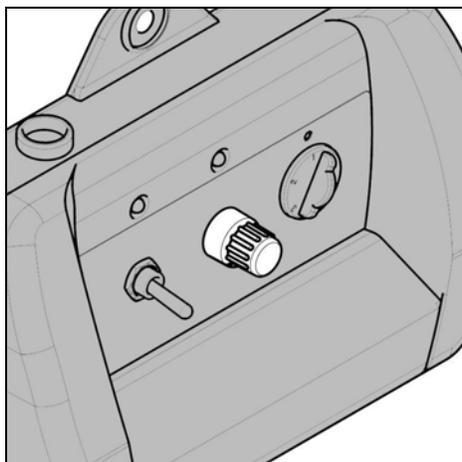
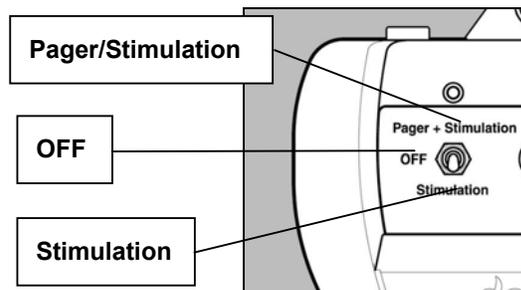
dogtra e-Fence Transmitter





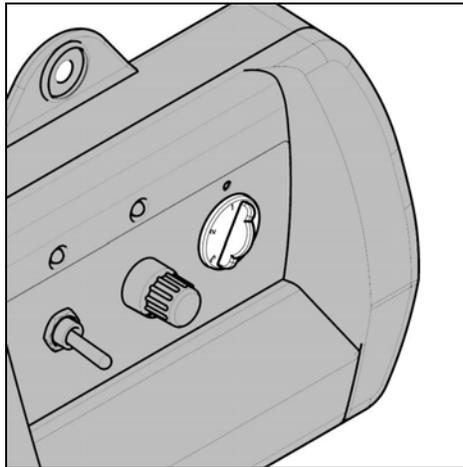
ON/OFF & Function Selection Switch

The On/Off Selection switch has three functions. When the toggle switch is up, the warning/vibration followed by stimulation will occur. When this switch is down, only stimulation occurs. When the switch is in the middle, the power is Off.



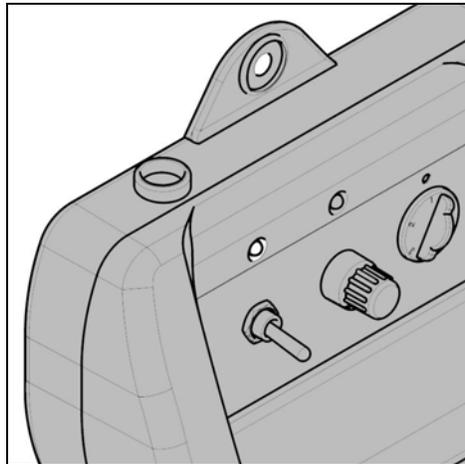
Field Width Adjustment Knob

This knob controls the width of the signal field (the distance from the boundary wire to the location where the collar/receiver first activates). Turning the knob clockwise increases the field width, giving your dog wider buffer area before the activation. Turning it counterclockwise decreases the distance between the dog and fence before activation.



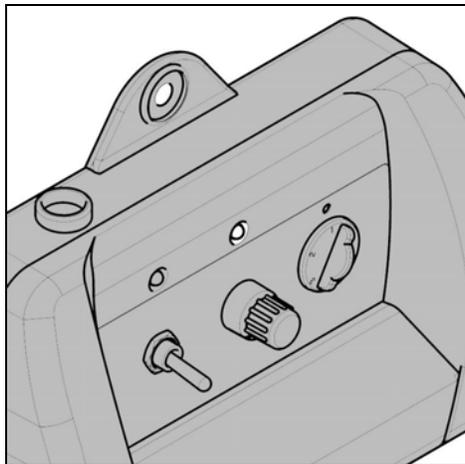
Intensity Selection Dial

The Intensity Selection Dial controls the stimulation level. Level 1 is the lowest setting and level 5 is the highest. It is always best to start at level 1 and increase the levels until you find a level where the dog reacts to the stimulation but does not overreact with excessive vocalization.



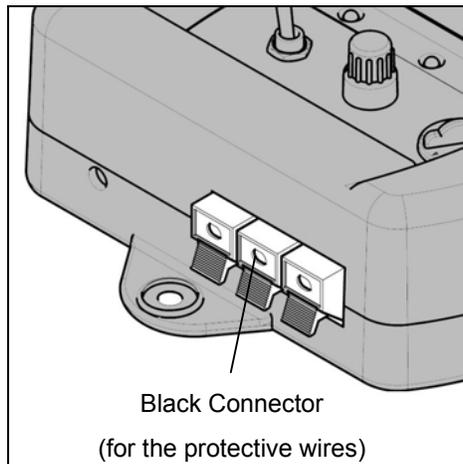
ON/OFF Indicator Light

When the On/Off & Function Selection switch is either in the up or down position, the LED light will be on, indicating that the power is on. When the switch is in the middle position, the light goes off, indicating that the power is off.



Wire Indicator Light

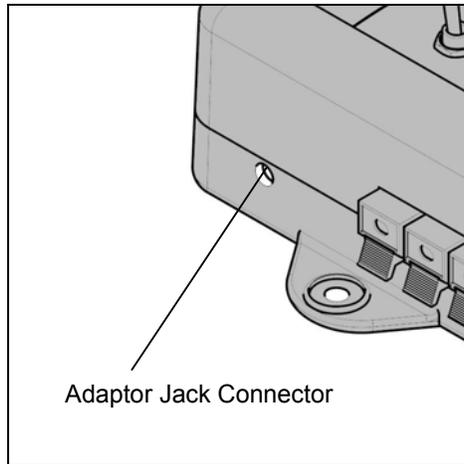
When the wires are connected properly, the wire indicator light will be on. In the event the e-Fence wire becomes damaged, the light will automatically turn off.



Wire Connectors

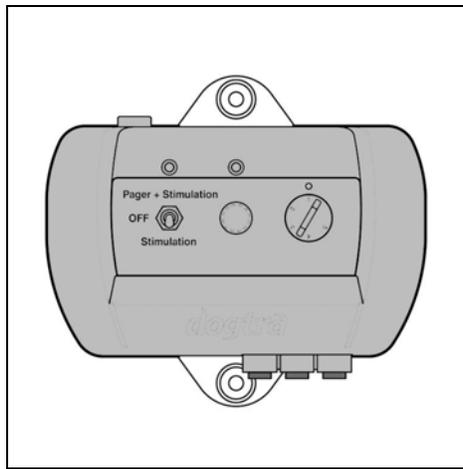
The easy-to-use push-release wire connectors let you instantly connect or disconnect the boundary wire leads. Wires should be stripped about a half inch before being inserted into the red connectors on the bottom of the wall mount transmitter.

Dogra e-Fence comes with lightning/surge protective wires. Insert the protective wires to the black connector on the bottom of the wall transmitter.



Adaptor Jack Connector

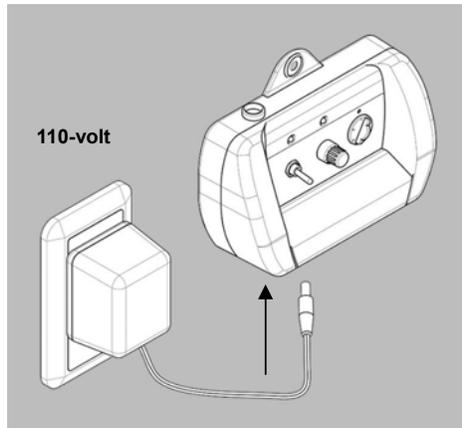
Plug the 110-volt adaptor into a 110-volt wall outlet and insert the adaptor plug into the adaptor jack connector of the transmitter.



Wall-Mount Transmitter

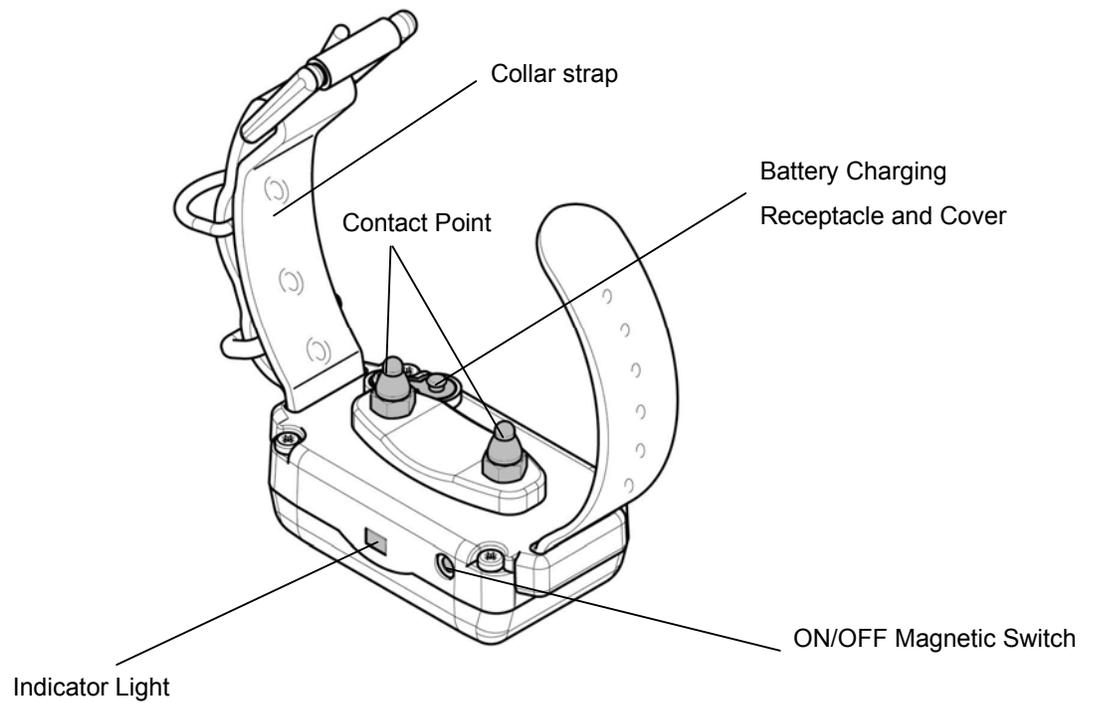
Use the (2) included screws to mount the transmitter to a wall securely, near any standard 110-volt household outlet. The unit will withstand freezing temperatures, but it is not waterproof. Therefore, we recommend mounting the transmitter in a safe, dry indoor area.

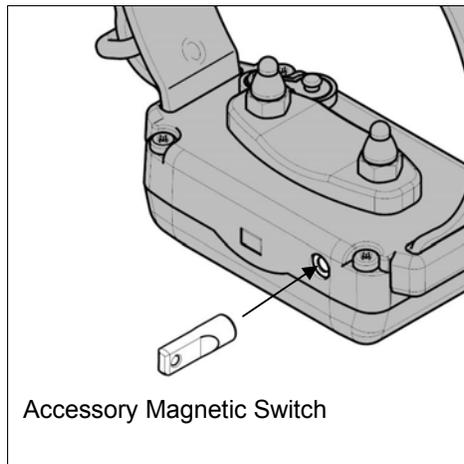
To power the wall transmitter, plug the AC adaptor into the standard 110-volt outlet and connect it to the adaptor jack connector of the transmitter.



DESCRIPTION OF COLLAR PARTS

dogtra e-Fence Receiver

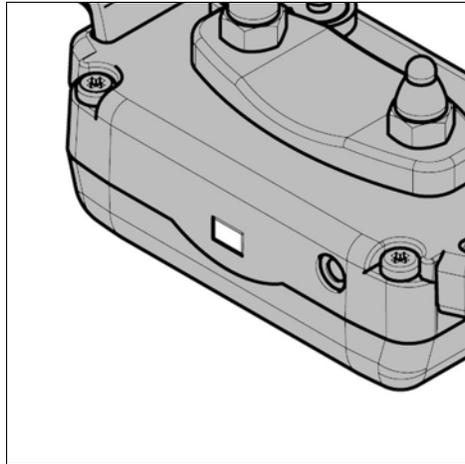




ON/OFF Magnetic Switch

To activate the Dogtra e-Fence, place the accessory magnetic switch (located on the top of the wall mount transmitter) to the red dot on the collar/receiver. Hold them together for a moment until the LED indicator light starts flashing on the receiver. The indicator light will blink once every two seconds showing that the unit is charged and ready to use. (If the red indicator light emits a double blink every two seconds, the batteries need to be charged.)

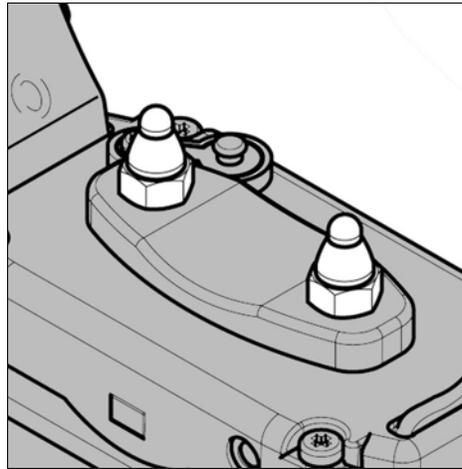
To deactivate the Dogtra e-Fence, place the accessory magnetic switch (located on the top of the wall mount transmitter) to the red dot on the collar/receiver. The LED light will stop blinking indicating that the unit is now off. To attain maximum battery life, deactivate the unit when not in use.



Receiver Indicator Light (LED)

Located on the front of the collar, the indicator light comes on and blinks once every two seconds after the collar is turned on. The blinking will change from a single flash to a double flash when the collar needs to be recharged.

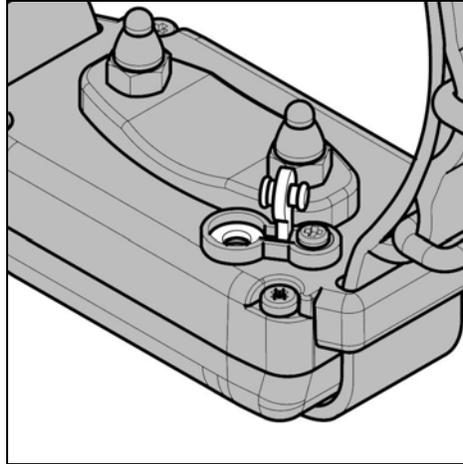
The indicator light will come on when the dog reaches the edge of the signal field in the yard.



Contact Points

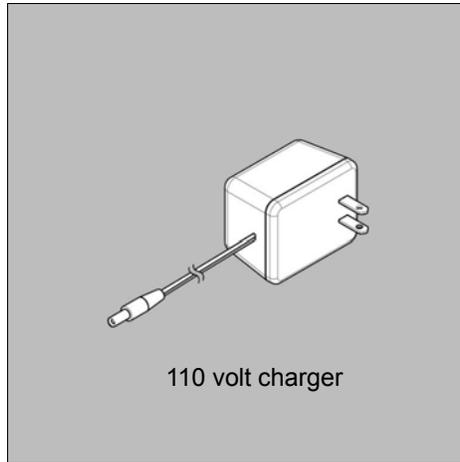
The collar should be fitted so that the stainless steel contact points press firmly against the dog's skin. A loose fit can allow the collar to move around on the dog's neck which may cause irritation to the skin.

If the collar is too loose, electrical contact will be inconsistent and your corrections will be inconsistent as well.



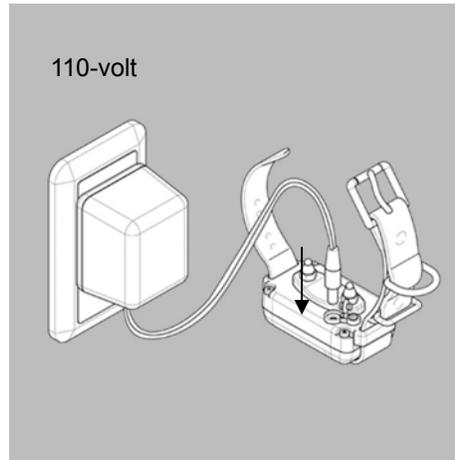
Collar/Receiver Battery Charging Receptacle

On the inside of the collar/receiver, next to the collar strap, is the battery charging receptacle with a rubber cover plug.



Battery Charger

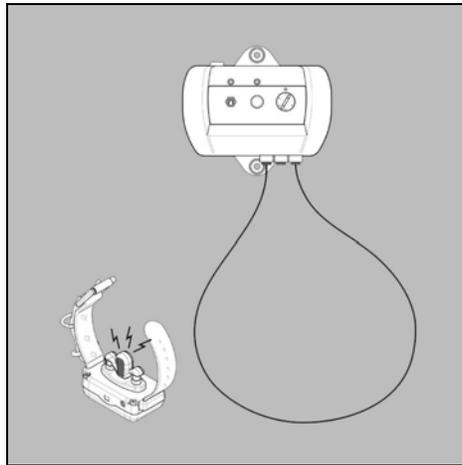
The battery charger is designed for a 110-volt wall outlet.
(European 220-volt AC charger is also available.)



CHARGING THE BATTERIES

Dogtra uses Ni-MH (Nickel-Metal Hydride) batteries that do not have a memory. They can be charged on a regular basis without harm. There is no need to completely drain the batteries between charges.

1. Plug the 110-volt adaptor into a 110-volt wall outlet and insert the adaptor plug into the battery charging receptacle of the receiver.
2. Charge the batteries for 14 hours before using the collar for the first time.
3. Do not charge the batteries near any flammable substances.
4. Fully charge the batteries for 14 hours if the collar is to be stored without use for a period of a month or more.
5. Recharge the battery if :
 - the indicator light on the collar is emitting a double blink every two seconds
 - the indicator light on the receiver will not come on
 - the indicator light on the receiver comes on momentarily but will not stay on



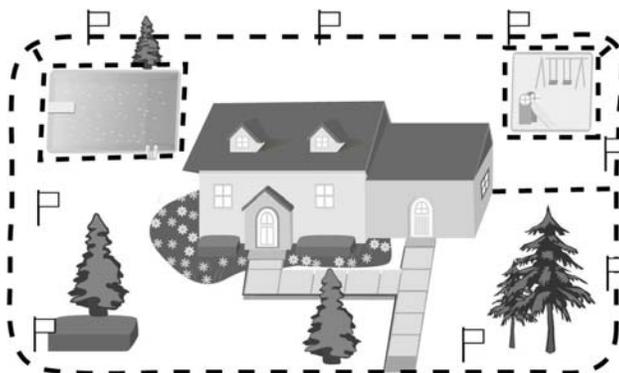
TESTING YOUR DOGTRA e-Fence System

1. Activate the Dogtra e-Fence, place the accessory magnetic switch (located on the top of the wall mount transmitter) to the red dot on the collar/receiver. Hold them together for a moment until the LED indicator light starts flashing on the receiver. The indicator light will blink once every two seconds showing that the unit is charged and ready to use.
(If the red indicator light emits a double blink every two seconds, the batteries need to be charged.)
2. Place the test light on the contact points on the receiver and hold it there.
3. The collar receiver should be held at the height of the dog's neck with the contact points pointed upward. Walk slowly toward the boundary wire. Be careful not to touch the contact points.
4. Watch for the test light to come on.

OPERATING INSTRUCTIONS

Fence Wire

CAUTION - Before you install your fence wire, contact the utility company to mark the utility lines on your property before you begin digging. Carefully choose the areas in which you want to contain your dog. A diagram may helpful in predicting unforeseen obstacles. (Please refer to the diagrams at the end of this manual.)



The DOGTRA e-Fence includes 500 feet of boundary wire and 50 training flags. If you need more wire, you can purchase it through Dogtra Company. The estimated length of wire required is as follows :

Acre	Length of wires (in feet)
1	850
2	1200
3	1500
4	1700
5	1900

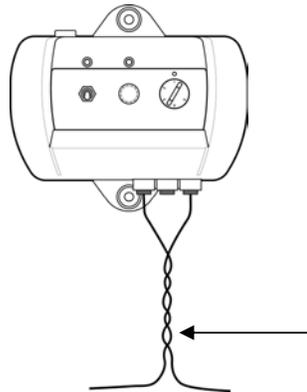
The figures above are indicated for a rectangular layout. Actual footage may vary depending on layout. You will want to keep a signal field of at least 6-8 feet on each side of the wire. In addition, your dog will keep 2-4 feet away from the signal field, so an overall signal field of 8-12 feet is preferred. Avoid making passageways that are too narrow (i.e. along the sides on a house) or your dog may hesitate from using them.

Tools

To install your e-Fence, you will need a flat-blade shovel, standard screwdriver and wire cutter/stripper. If your layout calls for the wires to be connected across concrete, you will also need a caulking gun, exterior silicon caulk and a circular saw with a masonry blade for cutting the pavement.

Placing the Wire

The fence wire must make a continuous loop for your system to operate properly. The signal is delivered from the terminal of the transmitter, through the fence wire, back to the other terminal on the transmitter.



Canceling the fence signal

Depending on your layout, you may want an open area where your dog can cross over the e-fence without getting stimulation. By twisting two pieces of fence wire so they are braided, (see diagram) from the outside of the transmitter to the exterior fence wire will give you an open area for your dog to cross. This will allow the dog to run across the area without receiving stimulation. To twist the fence wire, cut two equal lengths of wire. Holding them side by side, place one end of both wires into a power drill and spin the wires until the twists are about 1 to 3 inches apart. The tighter the wires are twisted, the better the signal cancellation. The wires can also be twisted manually.

Burying your fence wire

The e-fence boundary wire does not have to be buried to operate. **For protective measures we highly recommend the wire be buried at least one-two inches**

underground. Begin by digging a 4 inch deep cut 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 shovel will be easiest to close.

Note : When covering a large area, a trenching machine may be used to cut into the ground. However, it is recommended that the wire be placed in the trench by hand. A commercial wire-placing machine may damage the wire.

IMPORTANT! BURY THE FENCE WIRE AFTER YOU HAVE TESTED THE SYSTEM AND ARE SURE IT IS WORKING PROPERLY. DO NOT NICK OR SCRAPE THE FENCE WIRE DURING INSTALLATION AS IT MAY RESULT IN AN INTERMITTENT SIGNAL OR NO SIGNAL.

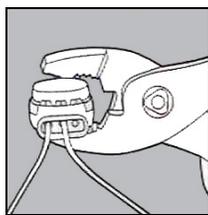
Make gradual turns at the corners with a radius of at least 3 feet. This will provide a more consistent signal field that will avoid confusing the dog in these areas.

IMPORTANT!

- DO NOT run fence wire within 6 feet parallel to electrical, telephone, cable TV or other buried wire.
- DO NOT run fence wire of one section within 10 feet of another section of fence wire or the signal may cancel.
- DO NOT run the fence within 10 feet of a neighboring e-fence 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. Close the crack with asphalt sealant after the fence wire is placed in it. If an expansion joint is available on driveway and sidewalks, place fence wire in the joint and close it with outdoor caulk. When crossing gravel, bury fence wire at least 3 inches deep. PVC pipes or a garden hose can be used to protect the wire. In water, anchor the wire with large rocks. Use PVC piping or garden hose to protect the wire.



Wire Splicing

The wire connection must be waterproof. Do not use electrical tape, solder or twisted wire nuts will cause an intermittent signal or disarm the system. The waterproof splices included in Dogtra's e-Fence 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 splices. The other single boundary wire is placed into one of the other holes. This should leave one extra hole that is not used. A pair of pliers should be used to press down on the top of the top black part of the splice.

Connecting the Fence Wire to the Transmitter

Splice the two ends of the twisted wire to each of the two ends of the fence wire. Drill a hole through the exterior wall or window/door sill or run the fence wire through an existing utility line hole. Connect the twisted fence wire to the transmitter, either wire to either terminal (wires should be stripped about a half inch). A red indicator light should appear indicating a continuous fence wire field. If no light appears, check and make sure that all fence wires are properly connected and the wire is not damaged

The Signal Field

A Field Width Adjustment Knob on the transmitter controls the signal field width. Increasing or decreasing the signal field width does not affect the stimulation intensity.

To test the signal field, walk slowly toward the boundary wire holding the collar/receiver at approximately the height of the dog's neck. Contact points must be upward with the test light attached. Watch for the test lamp to illuminate, this will give you an idea of the width of the signal field. The wider the signal field, the less chance that the dog will run through the field and out of your yard.

The signal field should extend at least 6 feet on both sides of the wire (creating a field that is 12-feet wide total). An 8-12 foot field is preferred. This will maximize the effectiveness of the containment system and minimize the chances that the dog will run through the signal field.

Note : If you alter the field adjustment knob by turning it clockwise or counterclockwise, or by removing it, you must check the signal field for the desired setting.

When you are satisfied with the field width setting, bury the fence wire below the grass and place the flags at the distance where the test light comes on.

E-fence Training Tips

To get the most effective results with your Dogtra e-Fence, keep these tips in mind :

- The collar must be on relatively tight. The contact points should maintain contact with the dog's skin without restricting breathing. You should be able to slide one finger under the strap at the back of your dog's neck.
- The proper level of stimulation to use is when your dog responds with a mild twitch of the neck, shoulder, head or ears. If your dog cries out after receiving stimulation, the level needs to be reduced. The dog should never cry out when the transmitter is set at the proper stimulation level.
- DO NOT leave the collar receiver on the dog for more than 12 hours a day. Leaving the collar/receiver on the dog for extended periods of time can cause skin irritation around the neck or at the site where the contact points make contact with the skin.
- DO NOT use the collar on a dog that is under 6 months of age.
- Remove other metal collars from your dog when he is wearing the Dogtra e-collar receiver. Other metal collars may interfere with the stimulation.
- Make sure the collar receiver is working properly before putting it on your dog. Verify that the Dogtra e-fence system is operating properly and that the field width is appropriate.
- Use the lowest stimulation level on the wall transmitter to contain the dog. Use higher stimulation levels only if necessary.
- Place the training flags around the perimeter where the test lamp comes on ten feet apart. This will teach the dog to learn the boundaries of the e-fence system.
- Keep training sessions short and positive. Do not train the dog after the dog has lost

interest.

- Always praise your dog for desirable behavior.

Getting Started With Your Dogtra E-fence

Step 1 : Initial Experience With Stimulation On Leash

- Place the collar/receiver on your leashed dog in a safe area of the yard.
- Walk your dog into the flagged area where it will feel the vibration followed by stimulation. When the dog feels the stimulation pull him quickly back to the safe area of the yard and reinforce his behavior with praise.
- Repeat this exercise in other locations of the yard.
- Do not allow your dog to receive more than 4 stimulation's in a 12 hour period.
- Finish the training session with 5 minutes of play time in the center of the yard.

Step 2 : On Leash training With A Distraction

- Put the e-fence collar/receiver on your leashed dog and activate the unit. Play in the safe area of the yard with the dog on leash. After a few minutes, throw a ball or toy beyond the line of the flagged area.
- If the dog runs through the flag to get the toy, wait for your dog to respond to stimulation and reel the him back to you into the safe area . Praise the dog when he returns to you.
- Give the dog a few minutes of play time and try the distraction training again. If the dog continues to run through the flagged area after the ball/toy you may want to consider increasing the signal field area and or increasing the intensity level.
- When the dog refuses to run through the flags 10 after the ball/toy consecutive times, proceed to the next step.

Step 3 : Final Step In Training

- Follow the procedures in step 2 except do not hold the end of the leash. Drop the leash on the ground and let it drag behind the dog. You can use the leash to retrieve your dog should he ignore the e-fence stimulation and get outside the boundary.
- If your dog runs through the fence, take the dog back in the safe area. REMEMBER TO FIRST REMOVE THE COLLAR/RECEIVER BEFORE CROSSING BACK OVER THE E-FENCE!! Increase the intensity level one level until your dog consistently ignores temptations to run outside the e-Fence during the Off-leash distraction training.

TROUBLESHOOTING AND MAINTENANCE

A. Dog doesn't respond to stimulus

- Adjust the collar fit.
- Trim the dog's hair or use longer contact points to make better skin contact.
- Recharge the battery in the collar receiver.
- Adjust the correction level.

A. 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. Follow these steps to perform the test loop procedure.

1. Make a test fence wire using wires at least 10 feet in length.
2. Remove the existing boundary wire from your wall transmitter.
3. Insert the two ends of the test fence wire in the wall transmitter.
4. Turn the field width adjustment knob to the 9 o'clock position or a low setting.
5. Place the test light on the collar receiver. With the collar receiver, approach the test loop and note the distance between you and the wire when the collar activates the test lamp.
6. Turn the field width adjustment knob to the 12 o'clock position 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, repeat the above test on each collar.

If there is no red light on the wire indicator light of 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. Recharge the battery in the collar receiver and repeat the test.

GENERAL MAINTENANCE TIPS

Your system requires very little maintenance. The collar receiver for Dogtra's e-Fence is waterproof and activates even after being immersed in water. To remove dirt, simply rinse with soap and water.

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

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 a Dogtra authorized technician.

ACCESSORIES

The following items may be purchased separately :

- ***Lightning/Surge Protector***
- ***European Charger***
Designed for use with 220V AC electrical outlets in Europe.

CAUTION

Any changes or modifications of this device which are not specifically approved by the party responsible for compliance could void the user's authority to operate the equipment.

WARRANTY AND REPAIR INFORMATION

Warranty Repair

Dogtra Company provides the original purchaser a two-year limited warranty on parts and labor from the date of the original purchase. The warranty does not cover failure resulting from damage, abuse or loss of parts. The warranty is void if the unit has been altered or an unauthorized person has attempted work.

Batteries or the labor to replace them are not covered under warranty after the first year. A copy of the sales receipt showing purchase date is required before warranty work is begun.

Write a note briefly explaining the problem and include your name, address, city/state/zip code, daytime and evening phone numbers.

Return shipping for warranty is the owner's responsibility. Costs for shipping(via regular ground service) back to the customer is covered by Dogtra Co. within the continental

United States. Any expedited shipping service will be at the owner's expense.

Ship to :

Dogtra Company
1250 E. 223rd Street, Suite 119
Carson, Ca 90745

For any questions concerning your Dogtra products call us Toll Free at
1-888-811-9111.

Out of Warranty Repair

For repair work that is no longer covered by warranty, the cost of repair will include parts, labor and shipping. Write a note briefly explaining the problem. Include your name, address, city/state/zip code, daytime phone number and evening phone number.

Send equipment to :



1250 E. 223rd Street, Suite 119
Carson, CA 90745

Tel : 310 - 522 - 1800

Fax : 310 - 522 - 1805

Web Site : www.dogtra.com

Toll Free : 1 - 888 - 811 - 9111