

DUAL DIAL

EXPANDABLE TO 2-DOG SYSTEM

Owner's Manual

Please read this manual thoroughly
before operating the DUAL DIAL transmitter.

IMPORTANT SAFETY AND PRODUCT INFORMATION

WARNING

Please read all safety and product information below before using your Dogtra product. Failure to follow these safety instructions could result in injury to you, your dog and others, or it could result in damage to your Dogtra product or other property.

PRODUCT SAFETY

Training Methods

Dogtra products may be used with a variety of training methods. However, each dog may have a different reaction to training methods and to Dogtra products. Closely observe your dog when determining the right training method to use with your Dogtra product.

Aggressive Dogs

Do not use Dogtra products with aggressive dogs as such dogs may react adversely and cause injury to people or other dogs. Seek the assistance of a dog-training specialist or veterinarian when dealing with aggressive dogs.

Children

Dogtra products are not toys. Adult supervision and close attention are necessary when Dogtra products are used by or near children.

PRODUCT DAMAGE

Electrical Product

Your Dogtra product contains electrical components and batteries. Do not use or keep your product near heat or flammable sources. Such use or storage may damage your product and/or cause fire, explosion, injury, or property damage.

Medical Device Interference

Dogtra products contain electrical and magnetic components that emit low level electromagnetic waves and radio frequencies. These electromagnetic waves or radio frequencies may interfere with pacemakers, defibrillators, or other medical devices. Consult your physician or medical device maker before using your medical device with a Dogtra product. If you think that your Dogtra product is interfering with your pacemaker, defibrillator, or other medical device, stop using the Dogtra product.

Inadvertent Activation

The digital microprocessor offers thousands of unique codes to eliminate frequency match-up with other Dogtra e-collars. The Constant button will automatically shut down after being held down for 12 seconds or more as a safety feature.

UNAUTHORIZED USE

Your Dogtra product should be used only in a humane manner to train and educate your dog. Dogtra products are not intended for use in any other manner nor are they intended for use with other animals or with humans.

BATTERY

Your Dogtra product contains batteries. Take care when removing and installing batteries as your fingers may get caught. Dispose of batteries as provided by your local regulations. Do not disassemble, crush, heat, or otherwise alter the battery as it may cause fire, injury or property damage.

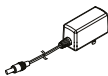
CONTENTS

AT A GLANCE	5
MAIN FEATURES	6
OVERVIEW	7
UNDERSTANDING YOUR TRAINING SYSTEM	
1. TURNING THE DUAL DIAL ON/OFF	9
2. TRANSMITTER BUTTON FUNCTION	10
3. FINDING THE RIGHT STIMULATION	13
4. MAXIMIZING THE DISTANCE	14
5. LED INDICATOR	15
6. CHARGING THE BATTERY	16
7. HANDHELD TRANSMITTER OLED	18
8. ATTACHING THE BELT CLIP	20
9. CODE SETTING GUIDE	21
GENERAL TRAINING TIPS	26
MAINTENANCE	28
TROUBLESHOOTING GUIDE	29
WARRANTY AND REPAIR INFORMATION	32

AT A GLANCE



Transmitter



Battery
Charger



Owner's
Manual



Belt Clip

Optional Accessories

Auto Charger

The auto charger for the DUAL DIAL has an input of 12-volts to 24-volts and has an output of 10-volts 1500mAH.

European Charger

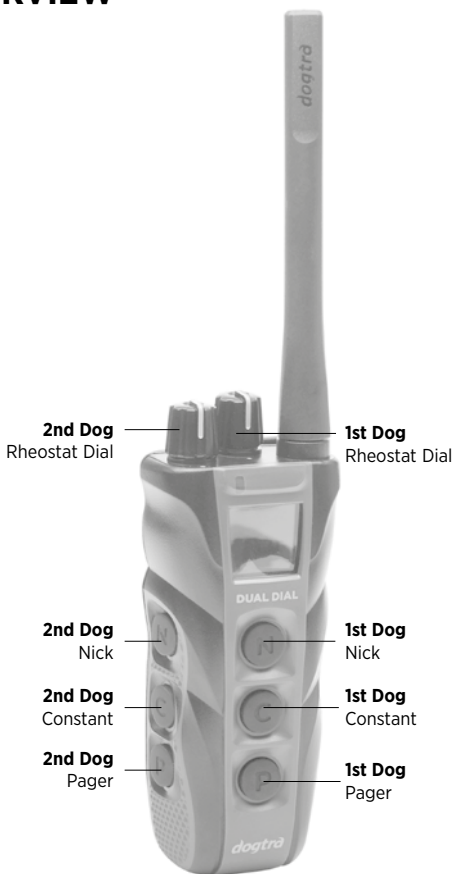
Dogtra's European chargers are designed for use with a 220 volt AC electrical outlet.

To purchase accessories, please visit www.dogtra.com or call customer service at (888) 811-9111.

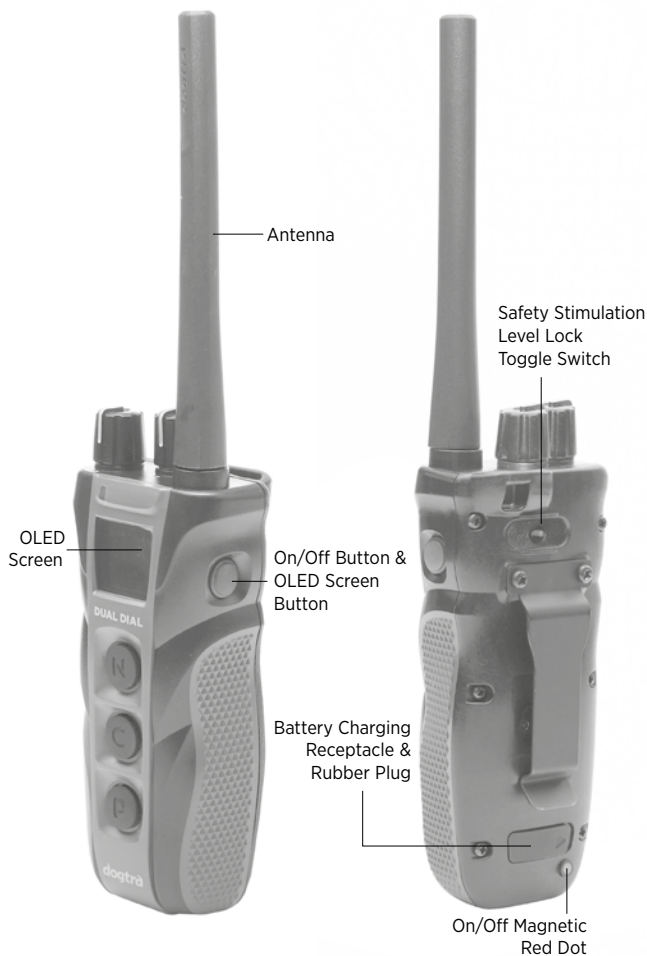
MAIN FEATURES

- Rheostat Dial that allows for gradual adjustments in stimulation intensity with no jumps between levels (0-127)
- Two-dog model allows control of two different dogs from one transmitter
- 1.5-mile range
- Two different stimulation types - Nick & Constant
- Pager vibration
- 2-hour rapid charge lithium polymer batteries
- Safety Stimulation Level Lock
- Easily visible OLED screen displays each dog
- Three bar battery life indicator and LED colored indicator to show battery life

OVERVIEW



**DUAL DIAL
Transmitter**



DUAL DIAL Transmitter

UNDERSTANDING YOUR TRAINING SYSTEM

1. Turning the DUAL DIAL On/Off

To turn the handheld transmitter on, hold down the button on the right side of the transmitter until the OLED screen illuminates. To turn the transmitter off, hold down the same button on the right side of the transmitter until the OLED screen shuts off.



2. Transmitter Button Function

1) Safety Stimulation Level Lock Toggle Switch



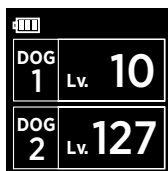
Lock Stimulation



Unlock Stimulation



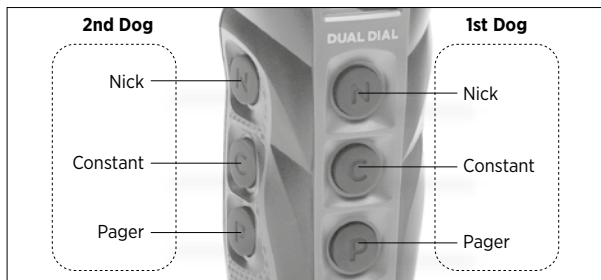
Locked Screen



Unlocked Screen

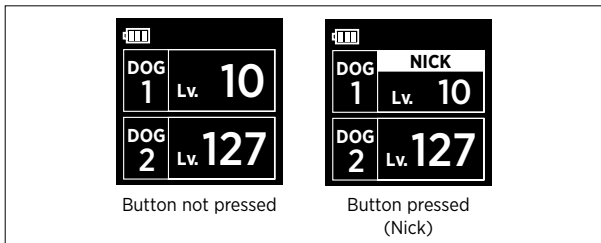
The back of the transmitter has a Safety Stimulation Level Lock Toggle Switch. When the toggle switch is locked, the stimulation level will lock in place and not change even if the Rheostat Dial is adjusted. When the toggle switch is unlocked, the stimulation level can be changed again. Please change the stimulation level when unlocking the toggle switch to make sure you are correcting your dog at the right level since the Rheostat Dial may have moved.

2) Button



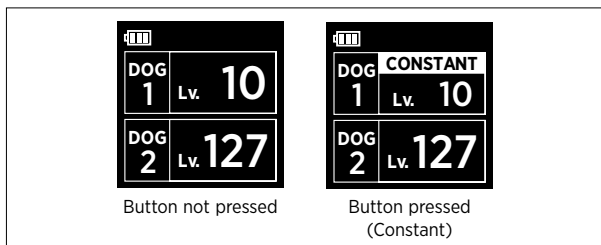
Nick Button

The Nick button is the top button on each side of the transmitter. When the Nick button is pressed, the receiver emits a single rapid pulse of electrical stimulation.



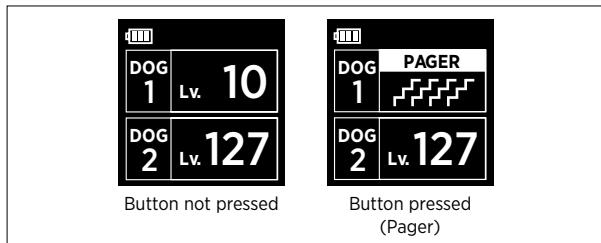
Constant Button

The Constant button is the second button on each side of the transmitter. Pressing the Constant button gives continuous stimulation as long as the button is pressed, for up to 12 seconds. If the button is not released after 12 seconds, the stimulation will automatically turn off as a safety feature. The receiver will be ready to be reactivated once the button has been released.



Pager Button

The bottom button is the Pager button on each side of the transmitter. Pressing it will give a vibration for as long as the button is pressed, for up to 12 seconds.



3. Finding the Right Stimulation

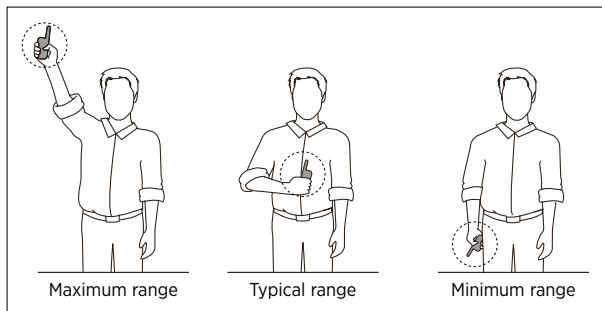
The DUAL DIAL transmitter has a Rheostat Dial on the top of the transmitter (0 is the lowest and 127 is the highest). Remember that you will need to adjust the setting (upward or downward) depending on your dog's temperament and threshold for stimulation. Also, as the dog's attitude changes, especially during times of increased excitement or distraction, you may need to adjust the intensity level.

Note: The stimulation intensity can be adjusted even when the stimulation is in use.

4. Maximizing the Distance

The DUAL DIAL has a 1.5-mile range. Depending on the way you use your transmitter, the transmitter range may vary.

To get the greatest range, hold the transmitter away from your body and avoid touching the antenna. Keep your unit properly charged for maximum signal strength.



5. LED Indicator

The LED indicator flashes every 4 seconds when the receiver is on and ready for use. The LED indicator will blink on both the transmitter and the receiver when the transmitter buttons are pressed.

The LED indicator color indicates the battery life level.

Green = Full charge

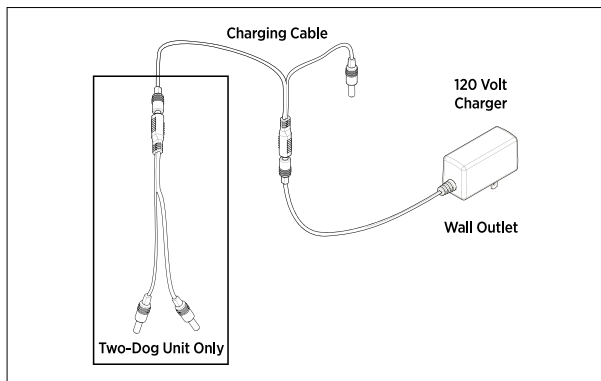
Amber = Medium charge

Red = Needs charge

If the unit is used while the LED indicator is red, it may shut down automatically.



6. Charging the Battery



The Dogtra DUAL DIAL uses a lithium polymer battery. Recharge the unit if the indicator light is red or does not come on, the transmitter LCD shows only 1 bar on the indicator, or the system will not stay on when any button is pressed.

Note 1: Only use Dogtra-approved batteries, chargers, and accessories for your Dogtra e-collars. This will prevent any damage that can be incurred from attempting to use a different charger.

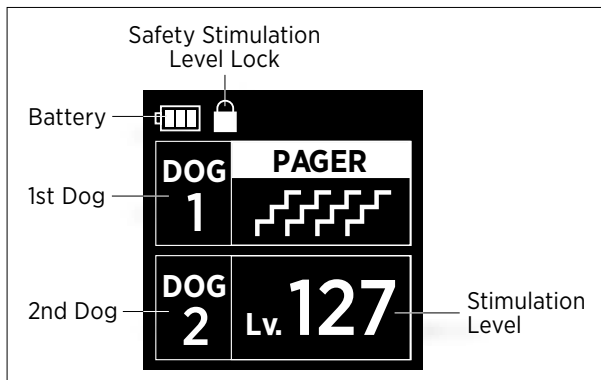
Note 2: The unit has a partial charge when it leaves the Dogtra facility. Upon receipt of the system, be sure to give it a full 2-hour initial charge before the first use away from any flammable substances.

Note 3: When a charger is not in use, disconnect it from the power source. Fully charge the batteries if the unit is to be stored without use for a period of 3 months or more.

Follow the steps below to charge your system:

1. Open the rubber plug on the battery charging receptacle and plug in the charging cable.
2. Plug the charger into a 120-volt wall outlet or, if using the auto charger, plug into a cigarette lighter only for lithium polymer batteries (use a 220 volt European charger for Europe). All indicator lights should glow red when properly plugged in and the unit will automatically shut off during the charging process. You will need to turn the unit on again before use once the unit is fully charged and unplugged from the battery cable.
3. The lithium polymer battery is fully charged within 2 hours. The lights will stay red during the charging process and turn green once the unit is fully charged.
4. After charging, cover the battery charging receptacle with the rubber plug.

7. Handheld Transmitter OLED



The OLED screen indicates the stimulation level on the screen ranging from (0-127). The battery life indicator shows:

3 bars = full charge

2 bars = medium charge

1 bar = needs charge

The battery life indicator only shows the remaining charge of your transmitter. To find the remaining charge for your receiver, observe the LED indicator light on the receiver.

The OLED screen has three settings for the brightness.

Default = Full brightness

Press 1st time = Partial brightness

Press 2nd time = Screen is off

Press 3rd time = Full brightness

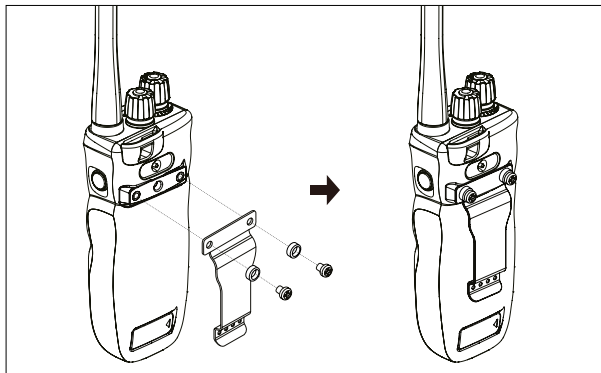
Care for OLED Transmitters in Cold Temperature

In cold temperatures (10°F or below), the Organic Light-Emitting Diode (OLED) on your transmitter may be dim or slow to respond. Wait until the display becomes visible before selecting any training level. Even though the OLED screen might be dim or slow to respond when you push the Nick or Constant button, the transmitter will still function properly. In the occurrence of extremely cold weather, the OLED screen might take a moment to respond causing the intensity level to freeze at that current level. In this situation, if you turn the Rheostat Dial, the level on the screen may not change but the actual intensity from the receiver will change in agreement with the dial. In this situation, it is ideal to either wait until your transmitter is back to working order before emitting a correction, or while holding the Constant button down slowly turn the Rheostat Dial while watching your dog's reaction. Do not turn the Rheostat Dial rapidly, because the receiver will emit a static correction based on the level of the Rheostat Dial, which might not be correctly reflected on the OLED screen.

Attention!

When using the unit in cold temperatures, it is recommended that the transmitter is placed under your jacket next to your body. The warmth of your body will greatly improve the battery life and usage.

8. Attaching the Belt Clip



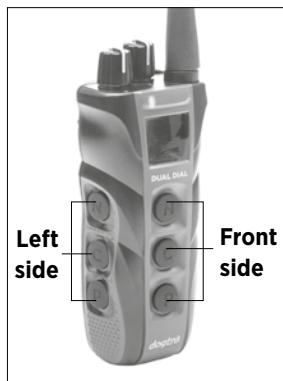
Follow the instructions below to attach the included belt clip to the transmitter.

1. Align the belt clip to the grooves on the back of the transmitter.
2. With a firm grip, screw on the belt clip's Phillips head screws with a screwdriver.

Attention!

Tighten until firmly in place. Be careful not to over tighten.

9. Code Setting Guide



Before coding the transmitter, determine how you would like to use the transmitter.

- 1) Use as 1-dog system or 2-dog system
- 2) Which side, between Front or Left, you want for 'Dog 1'

Please note that if you want to add an expandable second receiver, you must use the '2-Dog Set Up' instructions.

Setting Mode



Stimulation Level Lock

Make sure the toggle switch is in the "Unlocked" position.



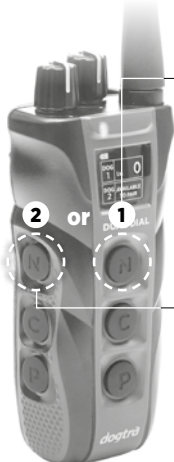
Setting Mode

Make sure the transmitter is off. Hold the on/off button on the transmitter until there is a rapid green LED light on the transmitter and the OLED screen shows "Setting Mode "

The transmitter is now in "Setting Mode." Proceed to the dog set up you desire.

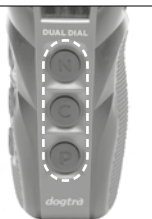
1-Dog Set Up

Press the top button to set the transmitter as a 1-dog system.



Select ①

Front side controls receiver

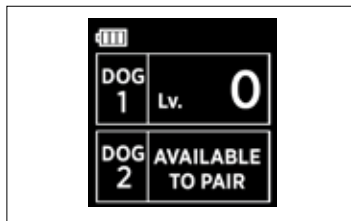


Select ②

Left side controls receiver



The screen will show that 'Dog 1' has been set up and that 'Dog 2' position is "AVAILABLE TO PAIR" if needed. If you want to change the side, please start over by putting the transmitter in "Setting Mode."



2-Dog Set Up

Press the middle button to set the transmitter as a 2-dog system.



Select ①

Front side:

controls Dog 1

Left side:

controls Dog 2



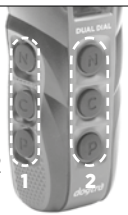
Select ②

Left side:

controls Dog 1

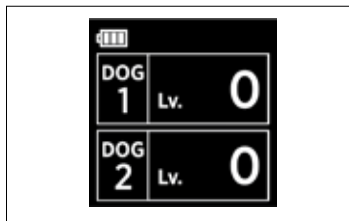
Front side:

controls Dog 2



The screen will show that both 'Dog 1' and 'Dog 2' have been set up.

If you want to change the side, please start over by putting the transmitter in "Setting Mode."



Receiver Code Setting



1. Turn the transmitter on (or leave on after code setting the transmitter).

Set the Rheostat Dial to 0.



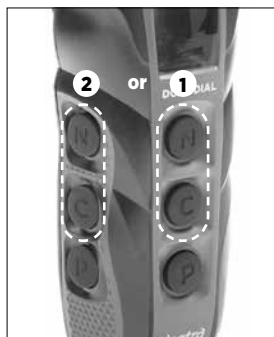
2. Depending on what model you are coding the transmitter to, you will either place the red dot on the back of the transmitter to the red dot on the receiver or hold the on/off button on the receiver.

Models with red dot:

Hold the two red dots together until the green LED blinks rapidly on the receiver and then separate the two devices.

Models with on/off button:

Hold down the on/off button on the receiver until the green LED blinks rapidly on the receiver.



3. On the transmitter, simultaneously press the top two buttons of Dog 1's side you selected. For the second receiver, repeat and press the top two buttons of the opposite side of which you coded Dog 1. When pairing is complete, the LED light on the receiver flashes every 4 seconds.

Attention!

Do not code both receivers to the same side.

Compatible Products

The DUAL DIAL transmitter is compatible with the iQ MINI, iQ PLUS, 200C/202C, 280C/282C, ARC, and 1900S/1902S.

The DUAL DIAL transmitter is not compatible with the 2300NCP, 3500NCP/3502NCP, 2500T&B/2502T&B, and the 2700T&B/2702T&B.

Different Stimulation Levels

Please note that products with 100 levels, such as the iQ PLUS, iQ MINI, and 202C, will convert to 127 levels. Please make sure to find the right stimulation level within 127 levels for your dog before use.

GENERAL TRAINING TIPS

Getting Started With Your DUAL DIAL

Your dog must know some basic obedience commands before beginning training with the DUAL DIAL. A dog learns by first being shown a command, followed by lots of repetition over an extended period. As the dog becomes proficient at these commands, the trainer can introduce distractions and different locations to strengthen them.

Obedience Training on the Leash

Your dog must fully understand the obedience commands (sit, stay, here, heel, and kennel) before using the e-collar for reinforcement of these commands. A leash attached to a standard collar is used to "teach" the dog the basic obedience commands (here, heel, sit, and stay). A tug on the leash/collar is used to reinforce the command. When the dog complies with the command, use positive reinforcement/praise. Once the dog understands these commands, the e-collar can be used to reinforce them.

Beginning E-Collar Training

When you feel your dog understands the obedience commands on the leash we can now start with the e-collar training. With the dog on the leash and wearing the e-collar, continue with your obedience drills. Apply light stimulation (Nick or Constant) when a command is given; the stimulation can be removed as the dog complies. Through repetition, the dog learns to perform the command.

The final step is the avoidance phase in which the dog learns that he can avoid the stimulation altogether by performing your commands. When these training procedures are complete, the e-collar is used as a reminder when the dog does not comply with your commands at home or in the field. Keep your initial training sessions short and positive as dogs have a short attention span.

How Much Stimulation to Use

Always start with low levels of stimulation and work your way up depending on the disposition of your dog and the given situation. By using the correct amount of stimulation to get your point across, you will have a more controllable environment and a dog that is under less stress. Animals (and humans) perform better in a less stressful environment.

For more training information, please visit our website at www.dogtra.com.

MAINTENANCE

Basic Maintenance

Make sure the rubber charging cap is securely in place when the system is in use. After each training session, carefully inspect the unit for any missing parts or damage to the casing. Damaged or broken casing may affect the waterproof guarantee on the unit. After confirming that there is no damage to the casing, rinse the receiver and clean out any dirt or debris.

Storage Maintenance

The DUAL DIAL should be fully charged before storing for extended periods. While in storage, the unit should be given a full charge once a month, and before the first use. Store the units in room temperature. Do not keep the units exposed to extreme climates.

Troubleshooting

If the unit is malfunctioning, please refer to the “Troubleshooting Guide” before sending it to Dogtra for service. If you have any questions or concerns, you may email them to info@dogtra.com, or call customer service at (888) 811-9111.

TROUBLESHOOTING GUIDE

1. My dog is not reacting to the system.

- Make sure the receiver and transmitter are turned on.
- Make sure the collar strap is tight enough so both contact points are touching the dog's skin.
- The contact points may be too short for the dog. To place an order for longer contact points that are more appropriate for your dog, please call (888) 811- 9111. If you are already using the longest contact points available, you might need to trim down the hair on the dog's neck so both contact points are touching the dog's skin.
- The intensity level may be too low for your dog. Keep increasing the stimulation until the dog responds, usually with neck movement, head shaking, looking over its shoulder, etc. (response may be very subtle).

2. The test light comes on, but I do not feel any stimulation.

- Your tolerance may be higher than your dogs. We recommend placing both contact points on your inner wrist, where the sensitivity is higher, in order to test the unit.
- The battery may be low, so check the LED light for battery life.

3. The transmitter has no range or stimulation is less when the dog is farther away.

- The antenna(s) may be damaged. To order parts, please contact customer service at (888) 811- 9111 or go to www.dogtra.com.
- The range indicated on the unit's box is for flat terrain. Heavy brush, trees, hills, or moisture will affect the range of your unit. For best range, hold the transmitter vertically above your head, and/or try moving to higher ground.
- Any electrical conductors will affect the range, such as cars, chain-link dog runs, metal structures, and radio towers. For best results, operate away from these items.

4. My unit is not holding a charge.

- The batteries might not be charged properly, or the charger, splitter, and the charging port may not be functioning properly. You can send in your charging units to have us inspect them.
- The charging pin may be damaged. Inside the charging port, there is a metal pin that should be standing straight up and stiff. If the pin is wobbling, broken, or missing, you will need to send the unit in to the Repair Department. The charging port must be clean prior to charging; clean the dirt out with a cotton swab and some rubbing alcohol. If the dog is in salt-water, be sure to rinse the receiver and charging port with clean water.
- If the above does not resolve your issues, contact Dogtra customer service at info@dogtra.com or (888) 811-9111.

- For Dogtra units over two years old from the purchase date, the batteries may need to be replaced. You can replace them yourself by contacting Dogtra. But, damages incurred to the unit due to improper battery installation are not covered under any warranty and any other unauthorized servicing or tampering with the unit voids your warranty. This will be up to the user's discretion. If you are still having problems after replacing the batteries, Dogtra strongly recommends sending the unit in for inspection.

DOGTRA PRODUCT WARRANTY

LIMITED WARRANTY

For Dogtra Products Purchased from Dogtra Authorized Dealers

One-Year Warranty

Except as otherwise provided below, Dogtra warrants to the original retail purchaser ("You") that its Dogtra products shall be free of defects in materials and workmanship for a period of one (1) year from the date of purchase ("Warranty"). The Warranty covers the cost of repair (parts and labor) or replacement (if repair is not feasible) of a defective Dogtra product during said one-year period. For such repaired or replaced products, the remaining portion of the original warranty period, or ninety (90) days, whichever is longer, shall apply. Dogtra, at its sole discretion, shall determine whether to repair or replace a product covered by the Warranty.

Warranty Conditions

The Warranty is not transferrable and applies to your Dogtra product only if:

- (1) You are the original retail purchaser of the product,
- (2) You bought the product from a Dogtra authorized dealer, and
- (3) You present a receipt or other proof of purchase showing a valid purchase date, the name and address of the authorized dealer, and the purchased product identified by model and/or serial number.

Warranty Exclusions

The Warranty does not cover damage, loss, or deterioration to your Dogtra product caused: by misuse, neglect, abuse, or other improper handling of the product; by failure to follow use or care instructions; by use of the product for other than its intended purpose; by accident or natural forces such as fire or flooding; or by normal wear and tear such as scratches to the product surface.

The Warranty also does not cover Dogtra products that: are purchased from non-authorized dealers; are purchased outside of the United States or Canada; have been damaged during shipment (even if Dogtra paid or arranged for shipping); have been modified or tampered with in any manner; are opened or repaired by anyone other than Dogtra; or have serial numbers that have been altered or defaced.

Sole Warranty

This Warranty is the only warranty offered by Dogtra for its Dogtra products. Other than said Warranty, Dogtra makes no other representations or warranties whatsoever regarding its products, whether oral or in any product manual, on any packaging, on any website, or in any other written material. No dealer of Dogtra products, nor any employee or agent of Dogtra, is authorized to make any additions, changes, or extensions to the Warranty. Dogtra, at its sole discretion and at any time, reserves the right to modify the Warranty.

DISCLAIMER OF OTHER WARRANTIES

THE FOREGOING WARRANTY IS PROVIDED IN LIEU OF ALL OTHER WARRANTIES, WHETHER EXPRESS OR IMPLIED. DOGTRA DISCLAIMS ANY IMPLIED WARRANTIES INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.

Limitation of Remedies

Dogtra's liability is limited to the cost of repair or replacement of the Dogtra product under Warranty. Any claim or action to enforce the Warranty must be commenced within thirty (30) days of the Warranty's expiration for your product. Dogtra will not be liable for any indirect, incidental, special, consequential, or similar damages based on breach of warranty, breach of contract, negligence, strict tort, or any other legal theory related to Dogtra and its products. Damages that Dogtra will not be responsible for include, but are not limited to: loss of income or profits; loss of revenue or savings; loss of use of the product or associated products; cost of any substitute products or services; inconvenience, downtime, or any other time; loss of goodwill; claims of third parties including customers; and damage to property.

Legal Rights May Vary By State or Jurisdiction

The Warranty gives You specific legal rights, and You may also have other rights which vary by state or jurisdiction. Some states or jurisdictions do not allow certain limitations of implied warranties or of incidental or consequential damages or other remedies, so certain of the foregoing limitations may not apply to You.

If any portion of the Warranty is held by a court to be invalid or unenforceable, the remaining portions of the Warranty shall remain in full force and effect and shall in no way be affected or invalidated, and the invalid or unenforceable portion shall be modified so as to most nearly achieve the intent of the Warranty.

Product Registration

Dogtra recommends that customers register their products as soon as possible after purchase. Product registration will facilitate any future warranty service. You may also receive useful information and updates about your existing and future Dogtra products. To register your product, visit www.dogtra.com/product-registration. If your product is not registered with Dogtra, You will be required to provide a receipt or other proof purchase (as provided above) to qualify for warranty service.

How to Obtain Warranty Service

Should your Dogtra product require warranty service, please contact Customer Service by phone or email for a warranty evaluation (see below for contact information). Upon approval of your warranty work, Dogtra will repair or replace (at Dogtra's election) your product without charge for labor or parts. You are responsible for shipping, including cost, of your product to Dogtra for warranty service. Dogtra will handle shipping, including cost, of the repaired or replaced product back to customers in the USA. Dogtra will not be responsible for shipping, including cost and/or applicable taxes or fees, for products sent to Canada. Such costs, taxes, or fees will be borne by the customer.

To register your product, visit **www.dogtra.com/product-registration**.

Dogtra Customer Service

22912 Lockness Avenue, Torrance, CA 90501

(888) 811-9111

repair@dogtra.com

Mon – Fri, 8:00 AM to 4:30 PM (PST)

© 2021 Dogtra. All rights reserved.

