



G2 Field and Pro Series Remote Trainers

Congratulations on your purchase!

All Tri-Tronics Remote Trainers are proudly made in the USA.

Tri-Tronics takes great pride in the design, manufacture, service and safety of all our products. We always want to hear from you, our customer. If you have Internet access, you can visit our web site 24 hours a day at tritronics.com for the latest information available regarding your product and our support services, for training information, or to purchase accessories for your Tri-Tronics Remote Trainer. We can also be reached at support@tritronics.com or by calling toll free at 1-800-456-4343.

Thank you for choosing Tri-Tronics.

Models Covered:

Classic 70 G2, Field 90 G2, Flyway G2, Upland G2, Trashbreaker G2, Pro 100 G2, Pro 200 G2, Pro 500 G2 are registered trademarks of Tri-Tronics, Incorporated.

Product Specifications

Product specification features may change without notice or obligation since Tri-Tronics is committed to a policy of continuous improvement.

Tri-Tronics Patents

Certain Tri-Tronics products are covered by one or more of these U.S. patent numbers: 4794402, 4802482, 5054428, 5099797, 5193484, 5471954, D298872, 4947795, 4202293, 4335682, D410206, 6170439B1, D445706S, D446144S, 6549133, D445707S, 6750758, and patents pending. Canada patents numbers: ©105,795

Owner's Registration Reply Card

Please take a moment to complete and return the Owner's Registration Reply Card. When you do, you'll be "on file" at Tri-Tronics. This will help ensure timely, no-questions-asked warranty work should you need it. You may also register on our web site at tritronics.com.

Notes:



Model Guide

Classic 70 G2 1-, 2- and 3-dog models _____

6 continuous **Red button:** Continuous stimulation (one-dog models)
One dog **Yellow button:** Continuous stimulation (dog w/ yellow strap)
per button **Orange button:** Continuous stimulation (dog w/ orange strap)
Green button: Continuous stimulation (dog w/ green strap)
“T” setting: When the intensity dial is set on “T” each button produces the no-stimulation signal tone instead of stimulation

Classic 70 G2 4-, 5- and 6-dog models _____

6 continuous Toggle switch in up position:
Toggle switch **Yellow button:** Continuous stimulation (dog w/ yellow strap)
selects active **Orange button:** Continuous stimulation (dog w/ orange strap)
collar **Green button:** Continuous stimulation (dog w/ green strap)
2 dogs Toggle switch in down position:
per button **Yellow button:** Continuous stimulation (dog w/ red strap)
Orange button: Continuous stimulation (dog w/ blue strap)
Green button: Continuous stimulation (dog w/ black strap)
“T” setting: When the intensity dial is set on “T” each button produces the no-stimulation signal tone instead of stimulation

Field 90 G2 1-, 2-, and 3-dog models _____

6 continuous **Red button:** Continuous stimulation
6 momentary **Black button:** Momentary stimulation
Toggle switch Tone button on back of transmitter
selects active **“N” setting:** When the intensity dial is set on “N”
collar transmitter buttons do not function

Flyway G2 1- and 2-dog models _____

6 continuous **Red button:** Continuous stimulation
18 momentary **Lower black button:** Low momentary stimulation
Toggle switch **Upper black button:** Medium momentary stimulation
selects active **Both black buttons:** High momentary stimulation
collar Tone button on back of transmitter (camo version only)
“N” setting: When the intensity dial is set on “N” transmitter buttons do not function

Upland G2 1- and 2-dog models _____

6 continuous **Red button:** Continuous stimulation
18 momentary **Lower black button:** Low momentary stimulation
Toggle switch **Upper black button:** Medium momentary stimulation
selects active **Both black buttons:** High momentary stimulation
collar Beeper control button on back of transmitter
“T” setting: When the intensity dial is set on “T” each button produces the no-stimulation signal tone instead of stimulation

Trashbreaker G2 1-, 2- and 3-dog models _____

6 continuous **Red button:** Continuous stimulation (one-dog models)
One dog **Yellow button:** Continuous stimulation (dog w/ yellow strap)
per button **Orange button:** Continuous stimulation (dog w/ orange strap)
Green button: Continuous stimulation (dog w/ green strap)
“T” setting: When the intensity dial is set on “T” each button produces the no-stimulation signal tone instead of stimulation

Trashbreaker G2 4-, 5- and 6-dog models _____

6 continuous Toggle switch in up position:

Toggle switch **Yellow button:** Continuous stimulation (dog w/ yellow strap)

selects active **Orange button:** Continuous stimulation (dog w/ orange strap)

collar **Green button:** Continuous stimulation (dog w/ green strap)

2 dogs per Toggle switch in down position:

button **Yellow button:** Continuous stimulation (dog w/ red strap)

Orange button: Continuous stimulation (dog w/ blue strap)

Green button: Continuous stimulation (dog w/ black strap)

“T” setting: When the intensity dial is set on “T” each button produces the no-stimulation signal tone instead of stimulation

Pro 100 G2 1- and 2-dog models _____

6 momentary **Black button:** Momentary stimulation

18 continuous **Lower red button:** Low continuous stimulation

Toggle switch **Upper red button:** Medium continuous stimulation

selects active **Both red buttons:** High continuous stimulation

collar Tone button on back of transmitter

“N” setting: When the intensity dial is set on “N” transmitter buttons do not function

Pro 200 G2 1- and 2-dog models _____

6 continuous **Red button:** Continuous stimulation

18 momentary **Lower black button:** Low momentary stimulation

Toggle switch **Upper black button:** Medium momentary stimulation

selects active **Both black buttons:** High momentary stimulation

collar Tone button on back of transmitter

“N” setting: When the intensity dial is set on “N” transmitter buttons do not function

Pro 500 G2 1- and 2-dog models _____

18 continuous Toggle switch selects continuous or momentary mode

18 momentary **Lower black button:** Low stimulation

Toggle switch **Upper black button:** Medium stimulation

selects active **Both black buttons:** High stimulation

collar Tone button on back of transmitter

“N” setting: When the intensity dial is set on “N” transmitter buttons do not function

All Field/Pro G2 Series models have one-mile range except Trashbreaker G2, which has a two-mile range. All models except Upland G2 have the “A” setting on the intensity wheel for use with future accessories. On Upland G2, the Beeper control button controls future accessories.

The G2 transmitter is waterproof.



**NOTE:
CHARGE TRANSMITTER
BEFORE FIRST USE.**

Intensity Dial

Intensity levels: 1, 2, 3, 4, 5, 6

Line up the number you select with the round light.

“N” (no-stimulation) or “T” (tone) setting, depending on model.

“A” is for future accessories, and for Beeper operation on models other than the Upland G2.

Battery Life Indicator (“Fuel Gauge”)

This light will be:

- Green when the batteries are full.
- Amber when the batteries are partly discharged.
- Red when the batteries need charging very soon.

Rapid red flashing means the batteries are completely dead and the transmitter will not operate the collar. This light is the guide point that indicates the selected intensity level.

The G2 Field/Pro Series transmitter is waterproof.

Stimulation Buttons

Buttons vary by model. See the section “Model Guide.”

Antenna

(One-mile range; two miles on Trashbreaker G2*)

Screw the molded antenna into place before using.

Do not operate the remote trainer without a transmitter antenna.

Tone or Beeper Control Button

Activates the no-stimulation signal tone (not on Classic 70 G2 or Trashbreaker G2). Turns Beeper on and off on Upland G2

Grip

Battery Compartment

To change the battery pack, rotate the battery pack slightly and remove from transmitter. Note: If battery pack will not seat properly, turn it around The Tri-Tronics logo should face forward when the battery pack is installed.

Charging Contacts

Place the transmitter in the supplied cradle to charge. Discharged batteries will take only two hours to fully recharge with our new battery charging system.

** Range depends on terrain, weather, vegetation, other radio transmissions in area, and other factors. For best range, hold the transmitter overhead while transmitting and keep your fingers off the antenna.*



Receiver Light

(“Fuel Gauge”)

Flashes twice per second every four seconds when the collar is turned on.

This light will be:

Green when the batteries are full.

Amber when the batteries are partly discharged.

Red when the batteries need charging very soon.

Rapid red flashing means the batteries are completely dead and the unit will not function. Note that it takes 20 seconds after collar turn-on for the light to register battery level.

Collar Strap Retaining Loops

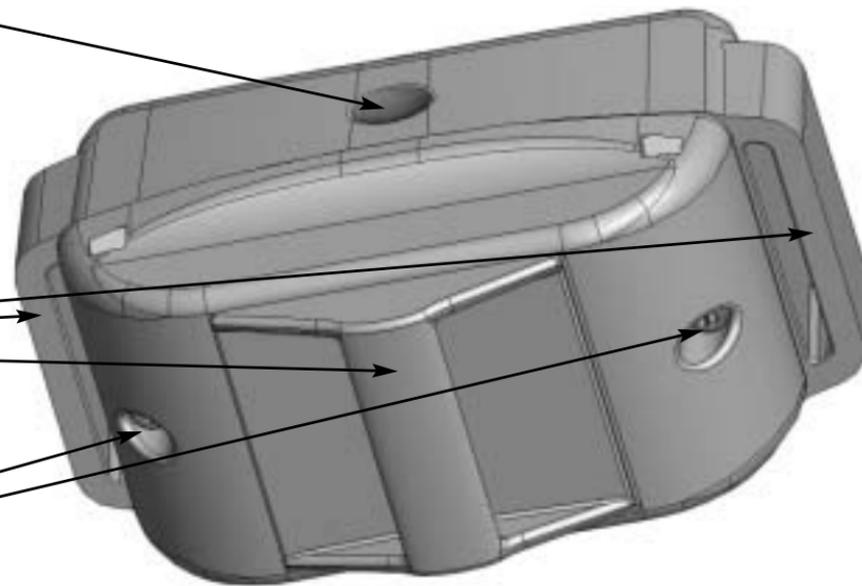
(“Belt Loops”)

The G2 receiver has three belt loops for excellent collar strap attachment with no gap. Insert the collar strap through all three belt loops and snug the strap against case. See the section “Fitting the Collar on the Dog” for more information.

Battery Pack Access Screws

Remove these two screws to remove the battery pack. Position the new pack in place and replace the screws. (Note: The battery pack does not need to be removed for charging.)

The G2 receiver is waterproof.



Very important: Do not remove or tamper with any internal labels that are visible when the battery pack is removed. Doing so will void your warranty. The receiver serial number label is a seal that maintains waterproof integrity of the receiver.

**NOTE: CHARGE RECEIVER
BEFORE FIRST USE.**

Contact Points

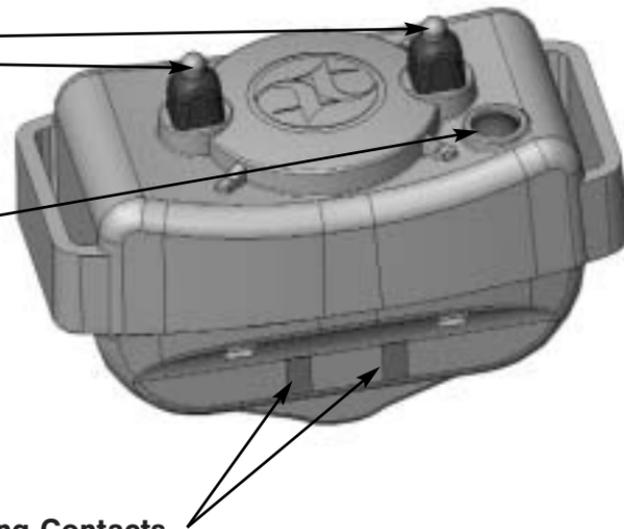
Tri-Tronics' patented insulated contact points ensure consistent stimulation under all conditions. Choose short or long points to match the dog's coat type. Check contact points regularly for tightness. Use only our plastic wrench to remove or tighten and do not over tighten.

Collar On/Off Button

Press to turn the collar on. Two confirming tones will sound and the collar light will flash periodically while the collar is on. Press to turn the collar off. One long tone will sound and the light will stop flashing. Turn the collar off when not in use to conserve batteries.

Collar Straps

For multi-dog units install the colored strap that matches the colored dot on each receiver.



Charging Contacts

Place the receiver in the supplied cradle to charge. Discharged batteries will take only two hours to fully recharge with our new charging system.

Place the collar on the dog with the charging contacts facing backwards (facing the dog's chest) to better protect the charging contacts from those elements your dog loves.

Charging System

(Two-Hour Recharge)

The new cradle charging system keeps your receiver batteries in better condition than any previous charging system we've used. The charger charges rapidly - only two hours are needed.

NiMH batteries do not have a "memory" so you can recharge at any time, even if the batteries have not run down. Also, you can leave the unit (or battery pack only) on charge in the cradle at all times when it is not in use, without damage to the batteries.

To recharge, plug the supplied wall cube into household AC power and plug the wall cube cord into the cradle. Insert the receiver into the cradle so that the receiver charging contacts line up with the cradle charging contacts. There will be a positive "snap" feel when the receiver locks into the cradle correctly.

Do not charge batteries in especially hot areas such as inside a vehicle that is parked in the sun.

Keep the vents on both sides of the charger free of dirt and debris. Do not block the vents.

The cradle comes with two screws and may be mounted on a wall.



Charger Light Function

The cradle flashes red and then green briefly when power is applied. When the collar is charging at full current, the cradle light will be red. When the system switches to trickle charge, the cradle light will be green. The collar is now fully charged but may be left on charge. If the cradle light is off, power is interrupted, there is no collar on the cradle, or the collar is not properly connected.

Cradle Charging Contacts

Jack for AC Power Supply ("Wall Cube")

Use only the wall cube supplied by Tri-Tronics with the charging cradle.

Battery care tips:

- Charge batteries at room temperature. Allow cold batteries to reach room temperature before charging.
- If the receiver charging contacts are very dirty, wash the collar with clean water before charging so that good contact with the charger can be made. Note that the charging cradle is not designed to get wet.
- Use only the wall cube we supply.
- If the unit is in storage, recharge every four months, and recharge prior to first use.

Important: If the cradle light blinks red slowly when the receiver is in the cradle, please consult the troubleshooting section of this manual.

Everything said about the receiver charger in the section “Charging System” also applies to the transmitter charger.

Cradle Light Function

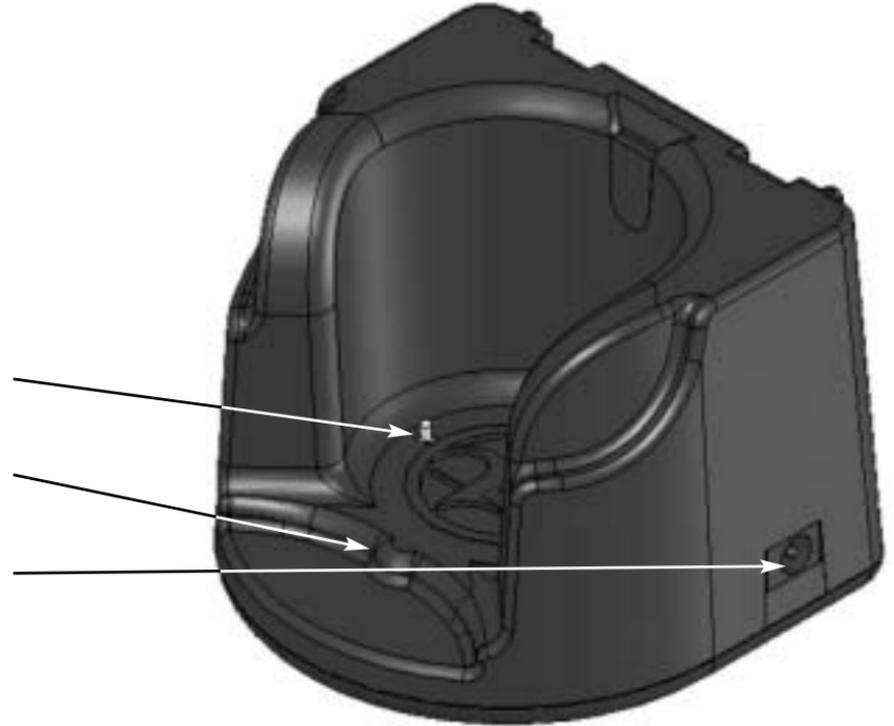
When the collar is charging at full current, the cradle light will be red. When the system switches to trickle charge, the cradle light will be green. The collar is now fully charged but may be left on charge. If the cradle light is off, power is interrupted or there is no collar on the charger.

Cradle Charging Contacts

Cradle Light

Jack for AC Power Supply

Use only the correct Tri-Tronics wall cube (supplied with this unit) for this charging cradle.



PLEASE NOTE THAT THE CHARGING CRADLES ARE NOT DESIGNED TO GET WET

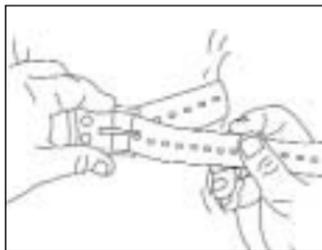
Fitting the Collar on the Dog



Place the collar strap in the middle of the dog's neck. The receiver should be on the underside of his neck although on some dogs' necks the receiver will naturally seek a slightly off-center position. The receiver light should face forward (towards the dog's nose). The

charging contacts should face backwards (towards the dog's chest).

Tighten the buckle by holding it with two fingers as you pull the strap snug. Remote training collars must be on a dog quite snugly to ensure consistent contact and reliable stimulation. Do not put any fingers under the strap as you tighten it. Slip the free end of the strap through any D-ring or keeper that is present, and through both sides of a double-sided buckle.



You can easily adjust the strap for different sized necks by moving the receiver to a new position on the strap. If the strap is too long for your dog, cut off the excess length. Leave enough length to go through the D-ring or keeper with at least 3 inches to spare. **NOTE:** Do not cut the collar strap of the Upland G2 until you have also installed the Beeper on the strap or your cut strap may be too short to reach around both the receiver and the Beeper.

Please note that remote trainers are not designed to be worn continuously by a dog. To prevent irritation caused by rubbing, remove the collar for at least eight hours out of every 24-hour period. See the additional information in the Product Safety section of this guide.

Setting the Intensity

Your G2 Remote Trainer can give corrections at different levels so you can find the best level for your dog's temperament and your type of training.

There are two ways to change intensity level: by moving the intensity dial or by selecting a different stimulation button. The DVD that comes with your remote trainer has some intensity selection tips.

Intensity Dial Functions

Numbers (1-6) indicate stimulation level. Letters ("N," "T," or "A") indicate non-stimulation functions, which vary by model.

"N" Transmitter is disabled. No tone, beeper, or stimulation functions are possible. This setting is intended for times when your transmitter buttons might be accidentally bumped or pressed.

“T” The stimulation buttons produce tone instead of stimulation. The meaning of the tone is determined by your dog’s training.

“A” Any transmitter button will operate the Beeper (see separate Owner’s Guide accompanying Beeper). Future accessories will also be operated with this setting.

The letter functions vary by model. Consult the Model Guide for the features of your model.

Your G2 remote trainer can give stimulations at different levels so you can find the best level for your dog’s temperament and your type of training. Note that on all models, stimulation is only produced if the dial is set on a number rather than on “N,” “T” or “A.”

There are two ways to change intensity level: by moving the intensity dial or by selecting a different stimulation button. For example, the buttons on several models will give you low, medium, and high versions of the level selected with the intensity wheel.

Release the stimulation button while moving the dial.

When using the intensity dial the levels are:

- 1 Very low intensity
- 2 Low intensity
- 3 Medium intensity
- 4 Medium-high intensity
- 5 High intensity
- 6 Very high intensity

Multi-Dog Intensity Tip:

When training more than one dog check the dial to be sure you have the intensity set for what you want for the dog you are about to correct.

Continuous and Momentary Stimulation

Continuous Stimulation

The trainer controls the timing of continuous stimulation. It stays on while the transmitter button is pressed, up to a “time out” of about 9 seconds. If the stimulation times out, restore function by releasing the button and pressing again. In normal use collars do not time out because corrections are far shorter than 9 seconds. You can also tap the continuous button repeatedly for a series of corrections.

Momentary Stimulation

The duration of momentary stimulation is pre-set. Momentary stays on only briefly no matter how long the button is pressed. To produce a series of momentary corrections, press the momentary button repeatedly.

Using the Beeper

Complete information on the Beeper is in the separate manual included with the Beeper. Pressing the Beeper control button on the back of the Upland G2 transmitter turns the Beeper on or off at a distance, up to the working range of the collar (up to one or two miles, depending on your model). Also, any model covered by this Owner’s Guide

other than the Upland G2 can operate the Beeper if the intensity dial is set for “A” (accessory). In this case, any transmitter button will turn the Beeper on or off.

On the Upland G2 the intensity dial must be on a number, not “N,” “T” or “A,” for the button to operate the Beeper. Complete instructions for Beeper operation are in the Beeper Owner’s Guide.

Care and Cleaning

- Check contact points and transmitter antenna for tightness regularly
- Clean the receiver with clean drinking water if it has been used in salt or brackish water
- Clean the receiver charging contacts prior to charging if they are dirty
- Wipe connections for the cradle with a dry, clean cloth.
- For best battery life, do not store your remote trainer in very warm areas such as the dashboard of a closed vehicle. For best battery performance, avoid transporting or storing your remote trainer in extremely cold areas.

Please note that the charging cradles are not designed to get wet.

Product Safety

Important: Your dog should be able to wear the collar comfortably for several hours at a time. The collar is not designed, however, to be worn continuously. To prevent irritation caused by rubbing, remove the collar for at least eight hours out of every 24-hour period. Also, remote training collars are designed to be worn snugly; a collar that is too loose can contribute to skin irritation due to rubbing. Take a moment every day to inspect your dog’s neck for redness or irritation, and temporarily discontinue collar use if signs of skin irritation appear.

Scientific animal safety studies have been designed and conducted for Tri-Tronics by veterinarians and physiologists at a major university. The scientific investigations involved parameters of electrical stimulation that are similar to those in your remote trainer. The scientific studies tested for possible cardiopulmonary and epidermal effects of Tri-Tronics electrical stimulation applied to the ventral surface of the neck of healthy dogs. These studies found no clinically significant changes in electrocardiograms, blood pressures, or properties of the skin underlying the contact points.

Please note: Even though Tri-Tronics products are safe, they are intended for use only in the training of healthy dogs. It is always wise before any type of training to have your dog checked by a veterinarian.

Radio Signal Issues

Modern microprocessor technology virtually eliminates the possibility that your collar could be unintentionally set off by someone else with a Tri-Tronics product. Please contact our Customer Service Department at support@tritonics.com or 1-800-456-4343 with any questions.

FCC Compliance

The manufacturing of Tri-Tronics remote trainers involves exacting production methods, precise tuning, and stringent quality control tests. In addition, these products are manufactured to operate within Federal Communication Commission (FCC) specifications. It is a violation of FCC rules to modify your equipment. Tri-Tronics verifies its products to operate under Part 95 of FCC regulations. Unauthorized modifications to your equipment could result in its not meeting specifications and thus violating FCC regulations. Adjustments should only be performed by technically qualified personnel authorized by Tri-Tronics. To continue to meet FCC operating specifications, any replacement of circuit components including antennas must meet Tri-Tronics' manufacturing specifications. The transmitter should only be operated with the Tri-Tronics antenna installed. This device complies with Part 15 of the FCC rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Troubleshooting Guide

Note: cold weather performance

All batteries experience a normal drop in voltage during cold weather. As a battery powered device, your Remote Trainer can be affected by normal voltage drops during winter months and experience such things as:

- Batteries can run down more rapidly
- Unit can be “dead” before you expected based on last charging
- Stimulation can be less strong
- Unit can turn itself off while training (evidence of low batteries)

For best performance during winter months, follow these guidelines:

1. Keep the unit at room temperature when it is not being used. Do not store overnight in unheated areas such as vehicles, sheds, or garages. When traveling, transport your Remote Trainer in the passenger cab, not in the back of the truck.
2. Charge the unit at room temperature. If the unit is cold, give it two hours to reach room temperature before charging.
3. Charge more frequently and allow a full 2-hour charge whenever possible. Note: The Remote Trainer may be left on charge when not in use (trickle charge).
4. Check the tri-color battery life indicator for a color change, and always check just prior to training.

Problem #1: No stimulation when a transmitter button is pressed.

The collar has not been activated. The collar must be turned on or it won't work at all.

The transmitter intensity dial is set on "N," "T," or "A."

Select a numbered position.

An antenna is not installed in the transmitter, or is broken or loose.

The antenna must be inserted in the transmitter for proper radio communication between it and the collar. Check the antenna for physical damage and replace, if needed.

The batteries in either the collar or the transmitter are dead.

Recharge or replace, as needed. .

The collar batteries are not taking a charge. Either you need new batteries or the charging system is not working. See whether the cradle light is glowing red while connected to the charger. The power may not be working. Try another wall outlet. If using a power strip, make sure it is switched on and working.

You are using the wrong transmitter. If you own more than one G2 Field or Pro Series transmitter, or train with someone who has another Tri-Tronics product, check that you have not accidentally switched transmitters.

Problem #2: The Remote Trainer doesn't have range, or the range has been significantly reduced.

The antenna is not installed in the transmitter or is broken or loose. The antenna must be installed in the transmitter for proper function. Check the antenna for physical damage and replace if needed.

You are using the short range antenna. The Mighty Micro Antenna gives 2/3rds of normal range. Use the regular antenna for maximum range.

Either you or the dog is shielded by a metal structure. Metal fences, chain link dog enclosures, screen doors, buildings, and other metal structures can affect the radio signal. Operate the Remote Trainer away from these structures.

The receiver is on backwards. Position the collar so that the light faces toward the dog's nose.

You're experiencing temporary radio interference. Radio signals from nearby CBs and walkie talkies can reduce range. Wait a short while then try again, or move to another area.

Problem #3: The stimulation seems too high, not high enough, or the dog does not seem to feel it at all.

The collar strap is not tight enough. The collar should be snug. Contact points must press against the dog's skin to provide efficient, consistent stimulation.

The intensity position is not correct. The ideal intensity level depends on the dog and the training situation. Try a different level. See the training manual and video that came with your Remote Trainer. Also note that in very cold weather, you may need to use a slightly higher setting to achieve the same level of intensity. Remember that the stimulation button must be released for the new setting to take effect.

The contact points are too short for the dog's coat type.
Use the long contact points instead.

The transmitter intensity dial is set on "N," "T," or "A."
Select a numbered position.

The batteries in either the collar or the transmitter are dead.
Recharge or replace as needed.

Debris or contaminants are interfering with electrical stimulation.
Clean the collar and contact point area.

Problem #4: The collar light changes color to indicate low charge very quickly.

The unit has been left on between training sessions. Make sure the collar is turned off after use.

You are training in very cold weather. The low battery indicator color change can occur prematurely in very cold weather.

Make sure the batteries are well charged.

Problem #5: The collar deactivates itself while training.

The batteries have run down. The collar light may require 20 seconds to register "low batteries" after you turn the unit on. Check the collar after 20 seconds to see if the low battery indicator is on. You normally can complete a training session after the low battery indicator flashes, but not in very cold weather.

Make sure the batteries are well charged.

Problem #6: The cradle light does not come on when the receiver or transmitter is placed on the cradle.

Faulty cradles. Email us at support@tritronics.com, call 1-800-456-4343, or visit our web site at tritronics.com to order a replacement.

No AC current or contact is interrupted. Check all the connections. Wipe connections for receiver, transmitter and cradle with a dry, clean cloth. Be sure battery pack is securely attached.

Problem #7: The charging cradle becomes warm during charging.

This is not a malfunction. Heat build-up is normal. Do not charge in extremely warm areas such as a closed vehicle in the sun and be sure the vents are not blocked.

Problem #8: The cradle light blinks red slowly when the unit is placed in the cradle.

The cradle has diagnosed a failure condition in the battery pack being charged. Please call our customer service department.