

Remote Dog Training Collar

Operation Guide



Dog Training Collar Operation Guide

Thank you for choosing DT4200 Remote dog training collar. Our mission is to offer the best electronic training solutions. We want to ensure your dog's safety by providing you with the tools and techniques to successfully train your pet. Please feel free to contact us if you have any problems and we will resolve them immediately.

Please read the complete operation guide carefully before starting to train your dog including the FAQ.

This instruction is suitable for remote dog training collar DT4200

IMPORTANT SAFETY INFORMATION

Not for Aggressive Dogs. Do not use this product if your dog is aggressive, or if your dog is prone to aggressive behavior. Aggressive dogs can cause severe injury or even death to their owners and others. If you are unsure if this product is appropriate for your dog, please consult your veterinarian or certified trainer.

CAUTION Please read and follow the instructions in the manual.

Proper fit of the collar under the dog's neck is important. A collar worn for too long or made too tight on your dog's neck may cause skin damage or irritation. This can range from redness to pressure ulcers; commonly known as bed sores. Training collars can cause pressure necrosis if used incorrectly and is often misidentified as burns.

1. Avoid leaving the collar on the dog for more than 8 hours out of every 24 hours and try to reposition the collar on your dog's neck every 1 to 2 hours if possible.
2. Check the fit of the collar to prevent excessive pressure; follow the instructions in the manual.
3. Never connect a lead to the electronic collar; it could cause excessive pressure on the contacts.
4. When using a separate collar for a lead, don't put pressure on the electronic collar.
5. Wash the dog's neck area and the contacts of the collar weekly with a washcloth and mild soap, then rinse thoroughly.
6. Examine the contact area daily for signs of a rash or a sore. Brushing the coat daily may help.

7. If a rash or sore is found, discontinue use of the collar until the skin has healed.
8. If the condition persists beyond 48 hours, see your veterinarian.

These steps will help keep your pet safe and comfortable. Millions of pets are comfortable while they wear stainless steel contacts. Some pets are sensitive to contact pressure and it is important to continue daily checks of the contact area. If redness or sores are found, discontinue use until the skin has fully healed.

Training sessions which are shorter and more positive (10-15 minutes) are often the most effective.

Do not use the collar on a dog that is under 10lbs or 6 months of old.

Improper or inappropriate use of a training collar system can be harmful. Please use this product correctly and pay attention when training your dog.

Table of Contents

Components.....	5
How the system works.....	5
Main Features.....	6
Transmitter.....	8
Receiver Collar.....	11
Setting Up Multi-dog System.....	14
Charging.....	17
Operate High Light LED.....	19
Training Guide.....	20
General Training Tips.....	22
Intensity Selection Tips.....	23
Test Light Instructions.....	24
How Dogs Learn.....	25
Frequently Asked Questions.....	28
Troubleshooting Guide.....	33

Components



5V DC Adaptor



Lanyard



Long Prongs



Spanner



Transmitter



Test light



Receive Collar



USB Car Charger



TPU Strap



USB Cable

How the System Works

The DT4200 dog trainer has been proven safe, comfortable, and effective for all pets over 10 pounds and 6 months old. This system assists you in controlling your pet without a leash in a long distance range. At the push of a button, the remote transmitter sends a signal,

activating the receiver collar. Using the remote trainer consistently and correctly, many misbehaviors that your pet exhibits can be corrected or any basic obedience commands can be taught.

Important: The remote trainer actual distance is dependent on the way you hold the remote transmitter, the range may vary.

Hold the remote transmitter in a horizontal position away from your body to achieve optimum range. Terrain, weather, vegetation, vehicles, buildings, transmission from other radio devices, and other factors will affect the range of your remote trainer.

Main Features

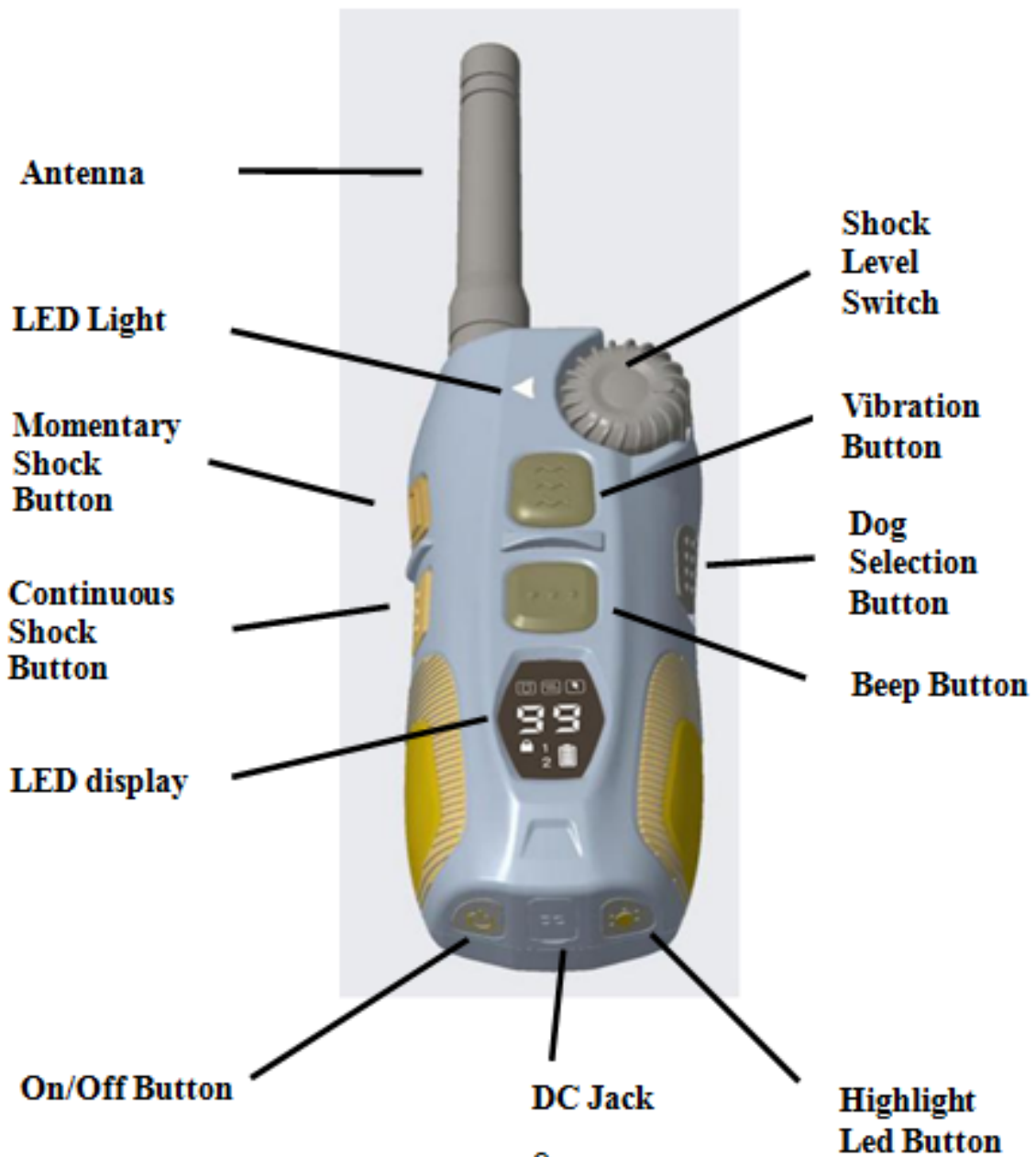
- Range in open field up to 2000 meters.
- Highlight LED function allows you to find pet from 200~300 meters away at night
- Train up to 2 dogs from the same transmitter.
- 99 levels each of static shock.
- momentary and continuous shock

- “Beep” sound activated with a separate button.
- Vibration activated with a separate button.
- Rotationswitch allow you to set your intensity
- Dog selection button allow you to select your dog.

- LED digital display for shock levels&training mode& dog ID&Battery level

- Memorize shock level in transmitter for different dogs.
- Easy to operate with rubber button.
- Waterproof transmitter and receiver. Dogs can swim freely.
- Rechargeable 3.7V Li-ion battery for transmitter and receiver.
- Strong TPU Collar Strap.
- LED low power indication, red light will flash when battery level is low.
- Full functional multi-dog training system.
- Around 8 seconds safe static shock protection.
- Comes with warranty.

Transmitter



Shock level Switch: Rotate the switch to adjust the shock intensity from levels 0 to 99. Press the switch to lock the shock level , press the switch again to unlock the shock level

Vibration button: Vibration stimulation. Press 1 time- vibrate 1 time. Press and hold on- emit continuous vibration. Will stop vibrating when you let go of the button. Will stop automatically when you go past 8 seconds of holding the button.

Dog selection button: Move up to choose first dog , The LED screen display “1” ; Move down to choose second dog, the LED screen display “2”

Beep button: No-stimulation warning beep

Led light: Indicates the working status and low battery

Highlight Ledbuttons: Press button one time ,the receive collar will highlight flash 1 time per 3 seconds continuously;Press button again , The highlight LED is on ; then Press button again, the highlight LED is off .

Momentary shock button: Momentary static shock.

Continuous shock button: Continuous static shock for about 8 seconds.



LED display : Display the shock ,warning beep or vibration mode ; display shock level , lock or unlock shock level ,dog ID ,battery Level

On/Off button: This is the power switch; hold this button for 1seconds to switch on power, then LED display is on. You may change Dog ID by move the Dog SelectionButton. If you want to switch off the power, hold this button for 1seconds to switch off power.

DC Jack: Charging the transmitter .

The transmitter has the memory functions to save the suitable shock for different dogs. 99 levels of shock stimulation, 1 level of vibration stimulation. One tone.

NOTE: The red LED light will flash when the battery is low on power. Recharge the battery at once.

Receive Collar

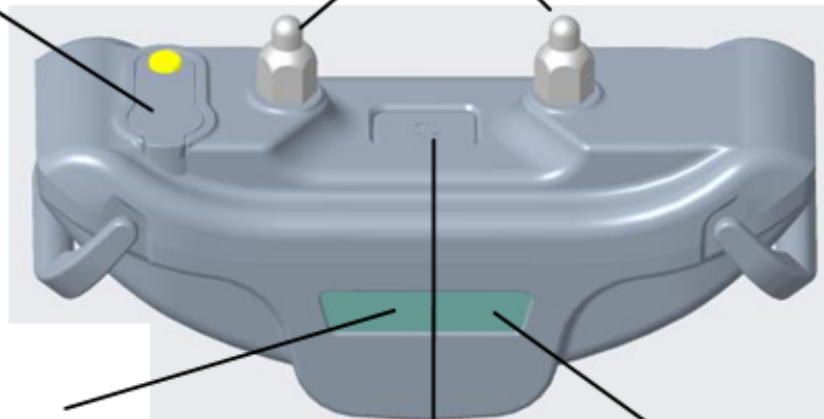
NOTE: CHARGE RECEIVER BEFORE FIRST USE. IF IT DOESN'T CHARGE CONTACT US IMMEDIATELY

DC Jack Cover

Open the Rubber Cover and insert the adaptor plug into DC Jack to charge.

Contact Prong

Choose short or long prong to match the dog's coat type.



LED Light

Indicate the working status, low battery ,charging status.

High Light LED

For the 1st dog , the high light LED is White; For the 2nd dog ,the high light LED is Red ;

On/Off Button

Press and hold on 4 seconds to turn the collar on. Two confirming tones will sound and the collar green LED light will flash 1 time per 5 seconds if connected. The LED will flash fast if disconnected. Press and hold on 4 seconds to turn the collar off. One long tone will sound and the green LED light will stop flashing and turn off.

Turn the collar off when not in use to conserve battery



Spanner

Change the Contact Prong depending on the pet's coat type.

Note: If the contact prong is tight, don't continue to turn the spanner clockwise or the contact prong will be broken. Never turn the contact prong too tightly. Turn anticlockwise to loosen or remove.

You can expand your one dog trainer to a multi-dog remote trainer by yourself. Simply purchase extra receiver collars and add them to your system.

NOTE: IF THE COLLAR DOESN'T TURN ON PLEASE CONTACT US FOR A NEW BATTERY OR CHARGER.

Key Points to note

- 1. Always charge before use. Ideal time to charge is 2-3 hours for the receiver as this is better for the life of the battery.**
- 2. The on/off buttons need to be held down for several seconds to turn the units on and off**
- 3. Only use the receiver for 8 in every 24 hours and adjust the collar every 1-2 hours if possible to make sure it is correctly placed and not causing irritation.**
- 4. If the receiver won't connect to a specific number on the remote, try a different number as this does sometimes happen.**
- 5. Rapid flickering of the green LED means the receiver is disconnected.**
- 6. The receiver is still waterproof without the rubber**

stopper in place. This does not affect performance.

7. You may use any collar with the receiver as long as it fits correctly.


Setting Up Multi-Dog System

1. Match a Receiver Collar To add a receiver collar to your remote dog training system, following the below steps. **Only turn on 1 collar at a time to connect.**

Step 1: Take out 1 unmatched receiver collar. Press and hold “ON/OFF” button. After two “beep” sounds, release the button, the receiver power is on. Green LED light should be flashing frequently. This means the collar is disconnected from the remote.

(Note: Never open 2 or more unmatched receivers at the same time.)



Step 2: Take out the transmitter that you want to match to the

receiver. Press and hold on the “” button until LED

display occurs then release, the transmitter is now on.

If you want to match the 1st dog , please choose first dog ,The LED display “1”

If you want to match the 2nd dog , please choose the second dog , the LED display “2”

Step 3: Press and hold the **Vibration button:**  **highlight Led button** at the  ne time .until TheLED display is“P”.Not to release the two buttons.

Step 4: Hold the transmitter close to the unmatched receiver 1 to 2inches away.After hearing 5 “beeps” sound from the receiver and you see the green LED flashing slow down to once every 4-5 seconds, you release the button. It should connect pretty fast.

Step 5: Test matched Receiver

press **Beep button**, if you can hear the “beep” sound from the matched receiver then congratulations, you have matched the receiver. You can also use the test light to place the prongs in the little gaps and press each button on


the remote to see if the test light comes on. This shows that the collar is working. If you choose, you can also put it on the lowest setting and test on the back of your hand/arm for confirmation if you're still unsure.



If the collar didn't connect, please repeat the step3 to step 4. Try to close to the collar from different direction and more close.

If you just want to disconnect a collar follow 'Cancel a matched Receiver' instructions.

2. Cancel a Matched Receiver Follow the below steps one by one to cancel the matched receiver:

Step 1: Pick up the matched receiver. Press and hold the "ON/OFF" button. After two "beep" sounds, the receiver's power is on. The green LED will flash 1 time per 5 seconds.

Step 2: Press and hold " " button on the transmitter until the LED display occurs then release, the transmitter power is on.

Step 3: Press and hold the **Beep button**  **highlight Led button** at the same  time, until the LED display is "U". Not to release

the two buttons.

Step 4: Hold the transmitter next to the receive collar 1 to 2 inches away. You can listen for the 5 “beep” sounds from the receiver. The green LED light of the receiver should now be flashing frequently. Congratulations, you have cancelled the matched receiver successfully.

If the collar didn't cancel the match, please repeat the step 3 to step 4 . Try to close to the collar from different direction and more close.

Charging

The transmitter and receiver charge rapidly in about 2 hours.

The transmitter and receiver collar can be charged at the same time.

Common adapter for transmitter and receiver charging.

To recharge, open the rubber cover first. Plug the adapter contact pin into the AC power outlet and insert the adapter plug into the receiver DC Jack.

The transmitter and receiver collar can be charged by connecting USB cable and other 5V DC power supply, such as cell phone adapter, notebook, or computer.

Do not charge batteries in hot areas, keep far away from fire.

NOTE: IF THE COLLAR DOESN'T TURN ON PLEASE CONTACT US FOR A NEW BATTERY OR CHARGER.

1. Receiver collar charging

The red LED light is on when charging.

The green LED light is on and the red LED light is off when the receiver collar is full charged

The receiver's red LED light will flash when the battery is low power, recharge the battery immediately.

2. Transmitter Charging

The red Led is on when charging.

The green Led is on,the red Led is off when the transmitter is full charged .

The transmitter's red LED light will flash when the battery is low

Stimulation

Your remote trainer has 99 levels of intensity, so you can find the best level for your dog's temperament and the type of training. You may also select either vibration or shock stimulation, depending on your dog's temperament and your training purpose.

You may rotate the **shock level switch** to select suitable shock level , then press the **Vibration button** for up to 8 seconds continuous vibration depending on how long you hold the button for, or press **Continuous shock button** for shock stimulation for up to 8 seconds depending on how long you hold the button for or press **Momentary shock button** for momentary shock ,

Operate High Light LED

Your remote trainer has 2 colors(white, red) of high light LED. You can find out your pets from 200-300 meter away in dark night without remote control.

To get highlight flash in dark night , you must match the receive collar to transmitter first .

Press **Highlight Led button** of Transmitter one time , the receive

collar will highlight flash 1 time per 3 seconds continuously. Press **Highlight Led button** again ,The highlight LED will be on , Then Press **Highlight Led button** again ,The highlight LED will be off .

You match different dog receive collar , you can get different high light flash .

The 1st dog receive collar is White highlight Led,

The 2nd dog receive collar is Red highlight Led ,

TRAINING GUIDE

Choosing the Appropriate Length of Contact Points

This is a critical step and is often overlooked. If you don't have the proper length contact points, the collar won't work correctly. For smaller dogs, the short contact points should be used. For larger dogs, or dogs with a heavier hair coat, you should use the longer contact points. You may trim the hair if the coat is too thick but never shave completely as this may lead to a rash or infection.

Fitting Collar on the Dog

Make sure your dog is standing then place the collar strap in the

middle of the dog's neck. The receiver should be on the underside of his/her neck, although on some dog's necks the receiver will naturally seek a slightly off-center position. The light upwards towards the dogs nose.

Tighten the buckle by holding it with two fingers as you pull the strap snug. Remote training collars must be put on a dog quite snugly to ensure consistent contact and reliable stimulation. The collar needs to be placed relatively high on the dog's neck, usually just a couple of inches below the dog's ears. The collar should be pretty snug on the dog's neck and it should not dangle. If the collar is too loose, the contact points will not be touching your dog and it will not work. A good indicator that the collar is fit properly is if you can fit two fingers under the collar. Never over tighten as this will put a lot of pressure of the prongs on the neck. A collar that is too tight will increase the risk of pressure necrosis in the contact area.

Do not put any fingers under the strap as you tighten it and check after several minutes if the collar is still fitted correctly. This is something you should do regularly as well as checking and cleaning the area under the neck.

General Training Tips

1. Make training sessions short and positive (between 10-15 minutes long for each session.)
2. Train one dog at a time.
3. During the first initial training sessions, keep the dog in a familiar outdoor environment.
4. Use a long leash fastened to a non-metallic collar to help the dog's learning.
5. Be consistent. Give your dog a tone and/or stimulation with each misbehaviour.
6. Teach the dog a command first before reinforcing the command with the remote transmitter.
7. Issue one obedience command at a time. Do not use the training system for commands that the dog has not learnt.
8. Do not overcorrect your dog. Use as few stimulations as possible to train your dog.
9. During training, look for all the positive changes in the dog's behavior and remember to reinforce them promptly with ample praise and reward.
10. If you notice one situation in which your dog misbehaves

repeatedly, set up this situation as a training session. This will dramatically increase your chances of success.

11. If your dog has a timid reaction to the tone or stimulation (especially the first couple of times), do not be alarmed. Redirect his attention to a simple and appropriate behaviour (i.e. a known command such as “sit”).

12. Please keep in mind, that you should keep training sessions short and end every session on a high note. Stop training and play with the dog as soon the dog has accomplished a new level of proficiency.

13. Never use the DT4200 Dog Training Collar to correct or eliminate any form of aggressive behaviour. If your dog exhibits such behaviour, contact a professional trainer. Aggression in dogs is the result of many factors- it may be a learned behaviour or it may be brought on as a result of fear. Another factor contributing to aggression in dogs is social dominance. Every dog is different.

INTENSITY SELECTION TIPS

The correct intensity for training is normally one that will motivate the dog, but not overwhelm. Dogs are like people in that they all

have individual sensitivity levels. Also, different types of training call for different levels of intensity. So it's wise to test your dog to find the correct intensity level before you start training.

IMPORTANT: For best results when finding your dog's sensitivity, use continuous stimulation. If your transmitter has more than one button for continuous stimulation, use the button for the lowest level when finding your dog's sensitivity.

NOTE: If your dog overreacts (vocalizes or acts "rattled") when you use the lowest level of continuous stimulation that's available on your collar model, then retest for sensitivity starting with the lowest level of momentary stimulation. If your dog doesn't respond up to level 40, check to see if the receiver is snug against your dog's neck and start again from level 1. If you still have no luck in getting a response, you have two options: trim the hair beneath the receiver or switch to the longer prongs. After all these steps if you are still having problems email us.

Test Light Instructions

1. Turn the collar receiver on.
2. Insert the contact points into the Test Light.
3. Press a stimulation button on the remote transmitter.

4. The Test Light will flash.
5. Turn the collar receiver off.

Save the Test Light for future testing.

Note: If the Test Light does not flash, recharge the battery and re-test. .

HOW DOGS LEARN

Here are some basic guidelines that cover all your remote trainer work on obedience commands.

Follow a step-by-step introduction process on each command.

Don't assume that your dog will understand a remote trainer correction in connection with a command. The stimulus can confuse them initially, even if they knows the command.

Don't introduce remote training with too high of an intensity level. Use a level that is just high enough to cause your dog to respond to it after repetition. Do not introduce the collar at such a high level that your dog becomes worried or is vocalizing. The intensity level of remote trainers can be adjusted for a wide range of breeds and temperament types.

Don't introduce remote training around distractions.

Keep things simple for your dog in their first sessions. They can't learn well when there's too much going on.

Learning to Train

Every animal on the planet has an alpha or beta relationship with every other animal. We usually think of "beta" as submissive and beaten down, but in wild packs or herds, that is not the case. The beta dog in a pack of wild dogs is still quite happy and lives a good life. So your dog should live the comfortable life – while remaining in the beta position. Your dog will be quite happy being beta as long as you show the dog that beta is a good way to live. In dog terms, you are the "alpha," giving your dog everything it needs to survive. The essentials of food, shelter, and most importantly, companionship (the pack) are provided by you. For those things, your dog will work and be happy as long as you demonstrate that you will not submit to challenges.

To be sure, the beta dog will present regular challenges in hopes of gaining the alpha position. If the beta dog wins the challenge, there is a new leader of the pack, so do not give in. Some of the challenges are subtle. Those are the ones you must pay close

attention to while training. If you win the small battles, the big fights will be much easier to handle. Dogs see the world in black and white. To your dog, either you are in control or it is. There is no middle ground.

There are two most important points, **conditioned responses** and **substitution**, will be the cornerstones of your training program.

Conditioned responses to commands are mandatory for a properly trained dog. When you explain something one time to a person, he or she will understand it and quite often give a positive response when questioned on that topic. Canines are different in that they trust their instincts implicitly. Instincts have protected canines for thousands of years from wild animals and other threats, and those threats still live in their minds today. In your training program, you must totally condition the responses to the obedience commands to such a degree that your dog trusts you more than its own instincts. That is a tall order, and you must take it seriously or you will not have success. Simple repetition is the only way to properly condition a dog. Simple repetition to the tune of around 1,000 repetitions per command will do this nicely. That might seem

like an undoable task but if you will train consistently, it will take only a short time.

Substitution: This is where we use a stimulus to cause a response and then add another stimulus simultaneously until the second stimulus evokes the same response as the first. You might remember Dr. Pavlov's work with ringing the dinner bell as he was feeding his dog. It did not take long before simply ringing the dinner bell caused the dog to salivate. You will use this same practice in training your dog, beginning with a leash, progressing to words and then finishing with electrical stimulation. It may sound overwhelming right now but you will be successful and your dog will accept this without question if you follow the steps.

Frequently Asked Questions

Is the stimulation safe for my dog? While the stimulation is unpleasant (it produces a static shock like we sometimes experience as humans), it is harmless to your dog. These devices also require interaction and training from the owner to achieve desired results.

Is the collar waterproof? Yes, they are designed to be completely waterproof. Any problems please email us for a faster or similar response time.

If the rubber stopper comes away from the charging port, is the collar and remote still waterproof? Yes, this makes no difference to the waterproof status of the device, though keep in place if possible to keep debris out and for peace of mind.

How old should my dog be before I use this device? It is recommended that your dog be 6 months old to use a training collar. Your dog should have learned the basic commands such as “sit” or “stay”.

How big does my dog need to be to use this device? Your dog needs to be over 10lbs to use this device.

The collar doesn't fit my dog, what should I do? If the collar doesn't fit your dog you can remove the receiver and put it on to a collar that does fit your dog ok.

The collar is too long, is it ok to cut off the excess collar?

Yes

Once my dog is trained, do I still need to use the collar?

This is up to you, you can keep the collar on for insurance, or only wear it in high risk environments. If your dog is completely trustworthy now you can choose either way. You may also just use it from time to time as a reinforcement or as a refresher for certain behaviors.

Can I use this on my aggressive dog? We do not recommend any of our products to be used on aggressive dogs. In this situation please contact your local veterinarian or professional dog trainer to determine if your dog might be aggressive.

Will I get exactly the 2000 meters range as advertised?

Testing for the 2000 meter range is performed in perfect conditions. The range you get will vary according to terrain, weather, vegetation, as well as, transmission from other radio devices. For best results make sure the collar has the light closest to the dog's nose and you hold the remote horizontally and away from your body.

How long can I give continuous stimulation to my dog? You can hold down the vibration or shock button for up to 8 seconds before the safety feature kicks in and it stops. You then need to press the button again if you want to shock for up to 8 seconds again.

What do I do if on the off chance my dogs neck becomes red and irritated? This is due to the contact points irritating the skin. Discontinue use for a few days. If the condition persists beyond 48 hours, see your veterinarian. Once the skin returns to normal, resume use and monitor the skin condition closely. You should be checking regularly for irritation as every dog responds differently.

Can I use a leash with the training collar on? DO NOT attach a leash to the training collar. You may use a separate non-metallic collar on your dogs neck and attach a leash. Be sure the extra collar does not interfere with the contact prongs.

How do I know if the collar is working? Use the test light that comes with your device. Set up the collar then match the

prongs to the metal strip on the test light. You then press the shock to see if the button lights up. If they do then the collar is ready to go.

Can I test the collar on the back of my hand or arm? This is up to you and we take no liability for this action. Some people choose to do this so they can feel the intensity that the dog is experiencing. The lower levels might not be felt by you depending on your sensitivity.

Will this work automatically when my dog barks?No, you need to press a button to control the device.

How many dogs can I set up on this system?2, you need to purchase extra collars if needed.

Do I need to set up the collar every time I use it? No, even though it is quick once you know what you are doing, it has a memory function and saves your last settings and remains connected unless you have disconnected the collar.

How long does the battery last? The length of time the battery lasts between charges depends on how much you use

the device. If used often it will need to be charged every other day like a mobile phone. The batteries are designed to last 3-5 years if used regularly. Any problems please contact us and we can send a replacement.

Troubleshooting Guide

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

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

The receiver has not been matched to your transmitter. Follow the instructions to match.

Problem#2: The beeper of receiver doesn't make any sound when the receiver is turned on.

Press dog selection button to choose correct dog ID before pressing

Problem#3: The stimulation seems too high, not high enough or no feeling at all

The collar strap is not tight enough. Make sure the contacts points connect to the dog's skin well.

The intensity level is not correct. Change the level.

The batteries are dead. Recharge as needed.

Problem#4: The receiver light changes color to indicate low battery very quickly

The unit has been left turned on in between training session. Make sure the receiver is turned off after use.

You are training in very cold weather.

Problem#5: The remote trainer doesn't have range or the range is significantly reduced.

Either you or the dog is shielded by a metal structure. Operate it far away from these structures.

The receiver is on backwards. For best range, position the receiver so that the light faces toward the dog's nose.

Radio interference. Wait a short while then try again, or move to

another area.

Problem#6: The receiver can't receive any signal or cannot work at all

Check the receiver on/off button, make sure the receiver is turned on.

Check the receive collar green Led , make sure it flash 1 time of 5 seconds.

Check the transmitter, if it has a low battery, charge transmitter first.

The battery is broken, please contact us and we will send you a replacement battery. The batteries are specifically designed for this model.

The charger is broken, please try in your computer.

Cancel the receiver match, then re-match it with the transmitter.



Warning:

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.

changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.