



## **H<sub>2</sub>O Series Electronic Dog Trainer Owner's Manual**



- H<sub>2</sub>O 1810 Series
- H<sub>2</sub>O 1820 Series
- H<sub>2</sub>O 1830 Series
- H<sub>2</sub>O 1850 Series



# NOTICE!

According to how you use your transmitter, the transmitting range might be much different.

You will have more range if you use your transmitter apart from your body as follows:



Maximum Range



Typical Range



Minimum Range

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# INTRODUCTION

Congratulations and thank you for purchasing our **H<sub>2</sub>O Series™** Training Collar. The H<sub>2</sub>O series represents the absolute latest technological advancement in the Electronic Dog Training World. It offers Maxx-Range™, the industry's only internally woven antenna in the collar. With up to a one mile range, they are perfect for hunting, basic obedience and professional training. H<sub>2</sub>O series collars feature Sixteen levels of stimulation intensity, with an easy 'no-look' clicking intensity selection dial. Easy one hand operation allows for maximum control and safety. Each model includes both Constant and Momentary "Nick" stimulation. Additional features include Positive Vibration, Jump stimulation, Rise stimulation, and a beeper with Locate, Run/Point and Point only modes. The transmitter and collars are both 100% waterproof, and the collar can be worn even when the dog is submerged. The H<sub>2</sub>O Series Dog Training Collar is durable, safe and very humane when used correctly. The automatic safety shut-off feature stops the stimulus on both the transmitter and the receiver to prevent accidental or prolonged stimulation.

Thanks again for choosing D.T. Systems for your dog training needs.

## **IMPORTANT NOTE:**

Please read this owner's manual in its entirety before operating this unit. Should you have any questions about our collars or their operation please contact our Customer Service department (see back page for address and phone number information).

## **PACKAGE CONTENTS**

- Transmitter
- Collar Receiver (two for each 2 dog model, three for each 3 dog model)
- 4" Antenna for the Transmitter
- Rechargeable Batteries for both the Collar and Transmitter
- Battery Charger
- Splitter Cable for simultaneous charging
- Test Light
- Owner's Manual
- Carrying Case

# MODEL FEATURES

## H<sub>2</sub>O Series

- Digital Technology
- One mile range trainer
- Lightweight, waterproof collar and transmitter
- 16 adjustable intensity levels of Momentary ('Nick') Stimulation, and Constant Stimulation
- Rechargeable Ni-MH battery system
- Gentle Touch System™ Extra Mild Stimulation
- MAXX-Range™ Invisible, Embedded Collar Antenna
- Built in safety shut-off system
- All models available in two and three dog systems
- Positive Vibration (H<sub>2</sub>O 1820, 1822, & 1823 only)
- NEW Jump feature allows you to instantly "jump" to a predetermined intensity level (H<sub>2</sub>O 1830, 1832 & 1833 only)
- NEW Rise feature gradually increases stimulation level the longer you hold down the "Rise" button (H<sub>2</sub>O 1830, 1832 & 1833 only)
- Three beeper functions - Locate, Run/Point, Point only (H<sub>2</sub>O 1850, 1852 & 1853 only)
- Baritone beeper easier to hear and easier on the dog (H<sub>2</sub>O 1850, 1852 & 1853 only)

## ADJUSTING & POSITIONING YOUR COLLAR FOR PROPER FIT

Proper collar tightness and position are very important to insure safety and correct functioning every time you use the collar.



- All electronic collars need to be very snug to work properly. They must be just tight enough to allow the “prongs” or electrodes to make good skin contact.
- If your collar is too loose, the stimulation may not work properly because good skin contact is not being achieved. This can directly affect the stimulation performance and whether or not the dog will receive the stimulation. Always check for good “prong” contact if it appears that your dog is not responding to the stimulation.
- A loose collar can promote skin irritation from moving or rubbing too much on a dog’s neck while they are running or training. The proper snug fit will help prevent this from occurring.
- Proper fit of the collar is important. It should be tight enough on the dog’s neck to make good skin contact and allow the dog to breath normally. The collar should never be so tight on the dog’s neck that it restricts the dog’s normal breathing pattern.
- For proper positioning of your collar receiver box, it should be placed on the center of the dog’s neck.

# PARTS & FUNCTIONS - TRANSMITTER

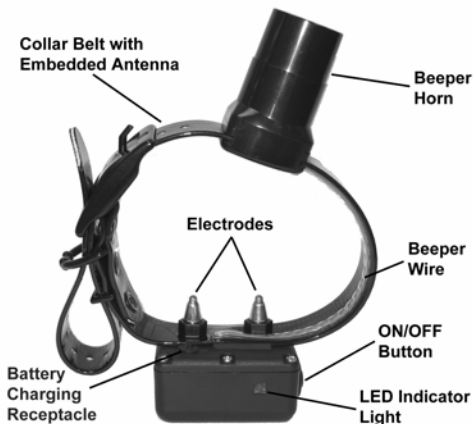


## Transmitter

(Multiple dog transmitter shown)



# PARTS & FUNCTIONS - COLLAR



## Collar Receiver

### TURNING ON AND OFF

#### Turning the Unit On:

Press and hold the On/Off button on the Collar Receiver. The Red LED Indicator will light solidly for two seconds. Continue holding the Button until the Red light goes off. The unit is now On. The LED Indicator will now flash approximately every two seconds. (Note: The Transmitter is always in a permanent sleep state. It is only On when a button is being pressed, and does not need to be turned off by the user).

#### Turning the Unit Off:

When you are ready to shut the unit off, simply press and hold the On/Off button for three seconds. The Red LED indicator will again light solidly for two seconds. Hold the Button until the light goes off. The Unit is now Off.

## **PARTS & FUNCTIONS CONT.**



### **Intensity Selection Dial**

The intensity selection dial allows you to choose between sixteen different levels of stimulation, allowing for very precise control.

### **Transmitter Indicator Light**

When one of the push button switches on the transmitter is pushed, the RED light will turn on to indicate that the transmitter is being operated. When the battery needs charging the RED light will blink once every 1/2 second while holding the continuous stimulation button.

### **Transmitter Antenna**

Be very careful when screwing the 4" antenna into the transmitter. Hand tighten only. Over tightening could cause damage to the antenna or the antenna mount.

### **Momentary and Continuous Stimulations**

Pressing the upper button causes the collar to administer a Momentary Stimulation or 'Nick'. Pressing the lower button gives the Continuous Stimulation. *These two buttons are the same on every model of the H<sub>2</sub>O series.*

### **Multiple Dog Model Selection Switch**

**(H<sub>2</sub>O 1812/1813/1822/1823/1832/1833/1852/1853)**

Switching between units can be controlled by moving the toggle selection switch to the desired unit.

## **PARTS & FUNCTIONS CONT.**

### **Vibration Buttons** **(H<sub>2</sub>O 1820/1822/1823)**

Pressing the button on the left (#1) of the transmitter causes the collar to vibrate. Pressing the button to the right (#2) of the transmitter causes the collar to vibrate for 1/2 second. After 1/2 second, continuous stimulation will be applied simultaneously with the Positive Vibration.

### **Jump Button** **(H<sub>2</sub>O 1830/1832/1833)**

Pressing the button on the left (#1) of the transmitter causes the collar to administer a 'Jump' Stimulation. This feature allows you to instantly "jump" to a predetermined intensity level (see p.15).

### **Rise Button** **(H<sub>2</sub>O 1830/1832/1833)**

Pressing the button on the right (#2) of the transmitter causes the collar to administer a stimulation that gradually increases in intensity level the longer you hold down the 'Rise' button.

### **Locate and Run/Point Buttons** **(H<sub>2</sub>O 1850/1852/1853 only)**

Pressing the 'Locate' button on the left side (#1) of the Transmitter will make the Collar Receiver beep. Pressing the 'Run/Point' button on the right side (#2) of the Transmitter will activate the Run/Point mode on the Collar Receiver. Press it again and it will go into the Point only mode. Press the 'Locate' button to cancel the Run/Point modes.

# **PARTS & FUNCTIONS CONT.**

## **Battery Charging Receptacles**

The battery charging receptacle is located on the side of the Transmitter, and on the side of the Collar Receiver facing the dog's neck. After charging, always close the jack with the rubber plug to prevent foreign particles from getting inside the unit.

## **Collar Indicator Light**

When the Collar Receiver is turned on, the RED light will flash steadily once every two seconds to indicate that the unit is active. The RED light changes to a rapid flash (twice per second) when the battery is low and in need of charging.

## **Electrodes**

Electrodes should fit snugly on the dog's neck to ensure good contact with the skin. For more information on the proper fit of the collar, see page 7.

## **Beeper Horn**

**(H<sub>2</sub>O 1850/1852/1853)**

The Beeper horn is attached to the collar belt. It will emit a loud tone audible from up to 450 yards away.

## **Collar Belt with Embedded Receiver Antenna**

The embedded collar antenna is woven into the collar belt, and runs the along the entire length of the belt.

### **CAUTION**

Do not cut the collar belt.  
Doing so will damage the antenna and may result in severely decreased receiver range.

# BATTERIES

All **H<sub>2</sub>O Series**™ collars are equipped with rechargeable Nickel Metal Hydride (NiMH) batteries. NiMH batteries are not memory sensitive and do not require depletion before recharging.

The batteries come partially charged from the factory. However, it is recommended that you give the battery a full charge (about 12 hours) before the first use.

Remember - Always keep batteries away from flammable substances (especially when charging).

When storing the unit for long periods remember to regularly give the batteries a full charge (12 hours) once every 4 to 6 weeks.

## **Battery Charging Procedure**

1. Turn the unit off.
2. Plug the charger into a standard electrical outlet.
3. Charge the batteries for up to 12 hours. This can be done either separately or simultaneously.
4. After charging, disconnect the battery charging cables from the receptacles and securely replace the rubber battery receptacle covers.
5. Test the system to make sure that everything is working properly.



## TRAINING INTENSITY LEVEL

The first and most important step in training your dog with your H<sub>2</sub>O Training System is determining the correct Intensity Level to provide the proper training stimulation without over-shocking your dog.

To do this place the Collar on the dog's neck and turn it on. Place the Intensity Selection dial so that the System is set on Level One. Press either the 'NICK' or the 'CONT' Button. Increase the Intensity Level in increments of one until the dog is feeling the stimulation. You should be able to tell when the dog is feeling the shock by the outward signs of discomfort or confusion on it's face. At this point, increase the Intensity Level by one or two. This should be your dog's ideal training level. (Note: Some dog's may require more or less stimulation depending upon their individual nature or size.)

### **Using the Rise Stimulation:** **(H<sub>2</sub>O 1830/1832/1833 only)**

The Rise function will gradually increase from your current intensity level to the maximum intensity level (level 16) while the rise button is being pressed. The intensity level will return to its original setting when the button is released.

## TRAINING INTENSITY LEVEL

### Setting the Jump Stimulation Level:

(H<sub>2</sub>O 1830/1832/1833 only)

1. Set the intensity level to the level that you would like it to “jump” to
2. On the transmitter, press and hold buttons #1 and #2 (‘Jump’ and ‘Rise’ buttons) at the same time.
3. When you see the LED flashing, release both buttons. The number of times the LED light flashes shows you the intensity level for the Jump Stimulation.
4. Like the Rise stimulation, the intensity level will return to its original setting after the Jump feature has been used.

#### CAUTION

To avoid accidentally shocking your dog, please make sure that the collar is NOT on the dog *while setting the jump level*. If the two buttons are not pushed at the EXACT same time, you will run the risk of emitting a shock.

## PROGRAMMING THE COLLAR

Press and hold the power button on the Collar Receiver. You will see the LED light on the collar blink 7 times before staying solid. *You must hold down the power button until the LED light becomes solid.* Simultaneously, press and release the nick and continuous buttons. In a few seconds, you will see the LED light blink 3 times. The collar ID is now programmed, and the collar receiver is now ON.

## TESTING

Before testing, make sure that both units are fully charged and the power to the Collar Receiver is “ON”.

### To Test the Electronic Stimulation:

- A) Place the tester firmly on the electrodes of the Collar Receiver.
- B) Set the intensity (note - an intensity level setting of 4 or less might not be enough to light the tester).
- C) Push either the ‘NICK’ or ‘STIMU’ button.
- D) The tester light will quickly flash for the Nick function and light steadily when the Constant Stimulation is pushed (the higher the intensity, the brighter the test light).





# TESTING

## To Test the Vibration:

**(H<sub>2</sub>O 1820/1822/1823 only)**

- A) Follow the directions for testing the Electronic Stimulation, and press the button on the left side of the transmitter.
- B) If you press the button on the right side of the transmitter, the unit should vibrate for 1/2 second and then the tester should light while vibrating at the same time.

## To Test the Beeper:

**(H<sub>2</sub>O 1850/1852/1853 only)**

- A) Press the button located on the left side of the transmitter (Locate button). The collar should beep any time this button is pressed.
- B) Press the button on the right side of the transmitter (Run/Point button) to activate the Run/Point Mode. Press the button again to change to Point only mode. In the Run/Point mode, the collar should beep every 4-5 seconds while your dog is on the run, and every 1-2 seconds when your dog is on point. In the Point only mode, the collar will beep only when your dog is on point. You can shake the collar to simulate your dog on the run. Press the 'Locate' button to cancel these modes.

## IMPORTANT SAFETY NOTES

- Before beginning training, your dog should be examined by a veterinarian to assure that your dog is in good health.
- **Never leave your dog unattended with the unit on.** Since no electronic device is perfect, there is a very slight possibility that your dog may receive an unintentional electric stimulation.
- Your **H<sub>2</sub>O Series™** training collar is a very valuable tool if used correctly. It is extremely important that you completely understand all the functions of the collar and how to properly train with it before placing it on your dog.
- The electrodes on this collar are made with high grade stainless steel to help prevent any chemical or allergic reactions with your dog's skin.
- **To prevent neck irritation, the collar should never be worn for more than 12 hours a day. Changing the collar location on the dog's neck daily will also help prevent irritations. It is important to keep the collar clean.** Clean the electrodes regularly with a mild anti-bacterial soap.
- If an irritation is found, carefully wash the dog's neck with soap and water and then wipe the area with Hydrogen peroxide. Dry thoroughly and apply an antibiotic ointment.

## MAINTENANCE

- It is very important to periodically clean your **H<sub>2</sub>O Series™** systems for maximum performance. Regular cleaning will also lengthen the life of your unit.
- Clean the **H<sub>2</sub>O Series™** collar box with lukewarm water and a mild anti-bacterial soap.
- Take care to thoroughly clean the space between the electrodes and the belt.
- The belt and buckle should be cleaned with water and a mild soap then allowed to dry completely.
- Always allow the entire unit to completely dry before using.

# WARRANTY

D.T. Systems Premium Lifetime Warranty is the best warranty offered in the industry. This warranty is free to participating U.S. customers. (The warranty registration card must be returned within 30 days of original purchase). This changes our normal one year parts and labor warranty to a limited lifetime warranty against manufacturing defects on parts and a one year warranty on labor.

## **What is covered:**

D.T. Systems Premium Lifetime Warranty covers all parts to be free from manufacturing defects for as long as the unit is held by the original owner.

## **What is not covered:**

- Batteries are not part of our lifetime warranty. Rechargeable batteries are warranted against defects for one year from the original purchase date.
- Our warranty does not cover parts that malfunction due to abuse, misuse, improper maintenance, or incorrect handling.
- Damage from dogs chewing or wear and tear from excessive field use is not covered.
- Our warranty does not cover the cost of shipping the unit to our repair center. Return ground shipping (inside the continental United States) to the customer is covered. However, next day or second day air shipping is not covered, but available by request for an extra shipping fee.

## **WARRANTY CONT.**

### **How the Limited Lifetime Warranty works:**

- To qualify for the Warranty you must fill out the warranty registration card which came with your system and mail it (with your original sales receipt) to D.T. Systems within 30 days of purchase.
- There is no charge for parts or labor for the first year on any of our lifetime warranty products.
- When the product's labor warranty expires after the first year, there will be a normal labor charge for any repair under the lifetime warranty program should your system be in need of service. Labor charges will range from \$35 to \$110 depending on: 1) the system model, and 2) the severity of the repair needed.
- Any defective manufactured part or parts that need replacement will be free during the lifetime warranty period.

## FCC COMPLIANCE

Your **H<sub>2</sub>O Series**™ has been manufactured under complete compliance with the Federal Communication Commission (FCC). The complex internal structure of each product has been designed to operate within specific regulations of FCC specifications. Any unauthorized modifications to your product is a violation of these specifications.

The **H<sub>2</sub>O Series**™ has been made with State of the Art equipment. Any fine adjustment should be performed only by D.T. Systems' technicians.





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