

# ***SUPER TRAINER™***

## **Micro-iDT™ PLUS SERIES**

### **Electronic Dog Trainer Owner's Manual**



- **Micro-iDT™ PLUS**  
(One Dog Trainer with Add-On Capability)



# 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 **Micro-iDT™ PLUS** Training Collar with Add-On capability. It offers the Maxx-Range™ Internal Antenna System, the industry's only internally woven antenna in the collar. With up to a 900 yard range, they are perfect for use around the house and versatile enough to use out in the field. Micro-iDT™ *PLUS* series collars feature sixteen levels of intensity with an easy 'no-look' clicking intensity selection dial. This model includes both Momentary 'Nick' and Continuous stimulations, and Positive Vibration. The collars are 100% waterproof and can be worn even when the dog is submerged. The collar unit is also rechargeable and features our SmartLED light that lets you know when charging is complete and how much charge is left during use. The Micro-iDT™ *PLUS* Series Dog Training Collar is durable, safe, and very humane when used correctly. The automatic safety shut-off feature stops the stimulation after 8 seconds to prevent accidental or prolonged stimulation. Thanks again for choosing D.T. Systems to help bring out the best in your best friend!

### **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 contact information).**

## PACKAGE CONTENTS

- Transmitter\*
- Collar Receiver
- Rechargeable Batteries for the Collar (already installed in collar unit)
- Battery Charger
- Splitter/Adaptor Charging Cable
- Test Light
- Owner's Manual

**\*9-volt transmitter battery not included**

## MODEL FEATURES

- Digital Technology
- Up to 900 yard range
- Expandable to 2- or 3-dog system with Micro-iDT Add-On collar units (sold separately)
- Lightweight, compact collar and transmitter
- 16 adjustable intensity levels of Momentary ('Nick') Stimulation and Continuous Stimulation
- Positive Vibration
- SmartLED light on Collar Receiver
- Rechargeable Ni-MH battery system in collar
- Completely waterproof collars
- Weather resistant transmitter
- Gentle Touch System™ Extra Mild Stimulation
- MAXX-Range™ Internal Antenna System in collar belt
- Built in safety shut-off system

# PARTS & FUNCTIONS



## Transmitter

### Intensity Selection Dial

The Intensity Selection Dial can be set from level 1 to level 16 to find the exact stimulation level for your dog (see *page 16*).



# PARTS & FUNCTIONS

## Transmitter Antenna

Be sure to check that the Antenna is securely fastened to the Transmitter before each use. Hand-tightened only. Be careful when screwing the Antenna into the Transmitter. Over-tightening the Antenna can cause damage to the Antenna or the antenna mount.

## Magnet Indicator (Red Mark)



The Red Mark indicates the Magnet location and is used to turn the Collar Receiver ON/OFF and for ID Programming.

## Transmitter LED Indicator Light

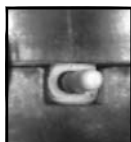
When one of the buttons on the Transmitter is pushed, the *red* LED light will turn on to indicate that the Transmitter is being operated. If the *red* LED light blinks rapidly after pressing any of the Transmitter buttons, the 9-volt battery will need to be replaced soon.

## Remote Training Buttons

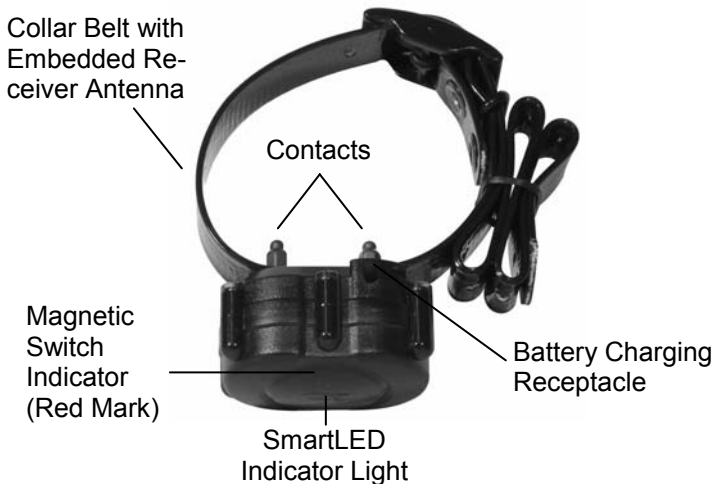
Pressing the “NICK” button will make the Collar Receiver give a Momentary, or ‘Nick’ Stimulation. Pressing the “CONT” button gives a Continuous Stimulation. Pressing the red button on the left side will make the collar Vibrate only.

## Collar Selecting Switch

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



# PARTS & FUNCTIONS



## Collar Receiver

### Collar SmartLED Indicator Light

When the Collar Receiver is turned on, the SmartLED light will flash *green* once every two seconds if the rechargeable battery has 51% to 100% charge left and flash *red* once every two seconds if it has 21% to 50% charge left. The SmartLED light changes to a double *red* flash when the battery needs charging. The SmartLED light stays lit *red* while plugged into the charger and turns *green* when charging is complete.

### Contacts

Contacts should fit snugly against the dog's neck to ensure good skin contact. See *page 15* for more information on the proper fit of the collar.



## PARTS & FUNCTIONS

### Magnetic Switch Indicator (Red Mark)

The Red Mark indicates the location of the Magnet Switch in the Collar Receiver and is used to turn the Collar Receiver ON/OFF and for ID Programming.



### Collar Belt with MAXX-Range™ Antenna

The embedded Collar Antenna is woven into the Collar Belt and runs the entire length of the belt. The MAXX-Range™ Antenna gives the Collar Receiver 360° of clear signal reception.

#### CAUTION

If your Collar Belt is too long, we recommend looping the excess Collar Belt back around through the buckle. We DO NOT recommend cutting the Collar Belt. Cutting the Collar Belt too much will drastically reduce the range of your Collar Receiver. However, the Collar Belt can be cut up to about 3 inches without affecting the range too much.

### Battery Charging Receptacle

The Battery Charging Receptacle is located on the side of the Collar Receiver. Always close the jack with the rubber plug after charging to prevent foreign particles from getting inside the Charging Receptacle.

#### NOTE

The unit is still waterproof even if water gets into the Charging Receptacle. However, if water should get in, we recommend rinsing out the Charging Receptacle and allowing it to dry, especially after use in salt water. This will prevent premature corrosion in the metal pins inside that make contact with the charger plug.

## SmartLED

**Micro-iDT™ PLUS Series** collars are equipped with the SmartLED battery status system. The SmartLED system lets you know when the Collar Receiver is charging and when the charging is complete. It also give you a status on how much charge is remaining in the battery and when it will need to be replaced.

### When the Collar Unit is Charging:

- The SmartLED lights *red* while the battery is charging.
- The SmartLED lights *green* when charging is complete.
- The SmartLED has a long *red* blink once every other second when there is a charging error.\*

### When the Collar Unit is ON:

- The SmartLED flashes *green* once every other second when 51% to 100% battery charge is remaining.
- The SmartLED flashes *red* once every other second when 21% to 50% battery charge is remaining.
- The SmartLED double-flashes *red* once every other second when the battery charge is low and will need charging soon.

**\*Charging Error** - If the SmartLED has a long blink every other second while charging, the rechargeable battery pack will need to be replaced. New batteries may also initially give an error light. Contact D.T. Systems if the problem persists after a few charging sessions.

## CHARGING THE COLLAR BATTERIES

**Micro-iDT™ PLUS Series** collars are equipped with rechargeable Nickel Metal Hydride (NiMH) batteries, which are not memory sensitive and do not require depletion before recharging. Although batteries come partially charged from the factory, it is recommended that they are given a full charge (about 12 hours) before initial use.

The transmitter uses a 9-volt replaceable battery (not included). Be sure to pay attention to the “+” and “-” charges when inserting the battery.

### Battery Charging Procedure

1. Make sure the unit is off.
2. Plug the charger into a standard electrical outlet.
3. Connect the splitter cable to the charger and plug an end into the Collar Receiver. The SmartLED should light solid *red* while charging.\*
4. Charging is complete when the SmartLED turns *green* (may take up to 12 hours).
5. As soon as charging is complete, disconnect the battery charging cable from the receptacle, securely replace the rubber receptacle cover, and test unit.



**WARNING: DO NOT CHARGE WHILE UNIT IS WET!**

#### NOTE

Rechargeable batteries typically last about 2-5 years on average depending on use and care. Keep batteries away from flammable substances. See *page 17* for more information on battery maintenance.

## TURNING ON AND OFF

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 Collar Receiver ON

1. Hold the Magnet Indicator (Red Mark) on the Transmitter directly on the Magnet Switch Indicator (Red Mark) on the Collar Receiver.
2. The SmartLED light will light up solid for about one second and then will begin to flash.
3. Remove the Transmitter away from the Collar Receiver when the SmartLED light starts flashing.
4. The Collar Receiver is now ON and the SmartLED light should be flashing.



### Turning the Collar Receiver OFF

1. Repeat steps 1-3 above.
2. The Collar Receiver is now OFF and the SmartLED light should no longer be flashing.

#### NOTE

If the SmartLED on the Collar Unit double-flashes while ON, the unit will need to be recharged. If the SmartLED double-flashes soon after a full charging session, the rechargeable batteries may need to be replaced. If the red LED on the Transmitter flashes rapidly after any button is pressed, the 9-volt battery may need to be replaced.

## TESTING

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

### To Test the Electronic Stimulation

1. Place the tester firmly on the contacts of the Collar Receiver.
2. Set the intensity (note - an intensity level setting of 4 or less might not be enough to light the tester).
3. Push the ‘NICK’ or ‘CONT’ button.
4. The tester light will quickly flash once when the Nick button is pushed and light repeatedly when the Continuous Stimulation button is pushed (the test light will be brighter at higher intensity levels).



### To Test the Vibration

1. Hold the Collar Unit in your hand (make sure the intensity level is turned all the way down and avoid touching the metal contacts to prevent accidental electrical stimulation).
2. Press the red Vibration button on the side of the transmitter.
3. The Collar Unit should vibrate while the button is being pressed.

#### NOTE

If the Collar Unit is not responding to any signals from the Transmitter, the collar may need to be reprogrammed to the Transmitter (see *page 14*).

## PROGRAMMING

When adding an “Add-On” collar, the collar will need to be programmed to the transmitter. If your current collar unit is not responding to the transmitter, it may also need to be reprogrammed to the transmitter.

1. Select the desired Collar Selecting Switch position on the transmitter.
2. Hold the Transmitter Magnet Indicator (Red Mark) directly against the Magnetic Switch Indicator (Red Mark) on the front of the Collar Receiver.
3. The SmartLED light inside the Collar Receiver will light up solid for about 1 second, followed by 6 flashes. You must keep the Transmitter next to the Collar Receiver during this time.
4. Continue to hold the Transmitter against the Collar Receiver until the SmartLED light stays on solid. The Collar Receiver is now in the *Code Running Mode* (the SmartLED light will stay lit for approximately 8 seconds while it is in this mode).
5. Remove the Transmitter from the Collar Receiver and press the NICK and CONT buttons simultaneously while it is in the *Code Running Mode*.
6. When the SmartLED blinks 3 times, the Collar ID is programmed and the Collar Receiver is now ON.

**NOTE – Do not move the Transmitter Magnet Indicator from the Collar Receiver Magnetic Switch Indicator until after the SmartLED stops flashing and stays on solid or the Collar Receiver will not go into the *Code Running Mode*. You must press the NICK and CONT buttons simultaneously while the SmartLED is lit solid.**

## PROPERLY FITTING THE COLLAR

**NOTE:** Proper collar tightness and position are very important to insure safe and consistent collar use.



All electronic collars need to be very snug around the dog's neck to work properly. They must be just tight enough to allow the "contacts" or electrodes to make good contact on your dog's skin. If the collar is too loose, the stimulation may not work properly because good/consistent skin contact is not being achieved. This can directly affect the performance of the collar unit and whether or not the dog will receive the stimulation. Always check for good contact to the skin if it appears that your dog is not responding to the stimulation. A loose collar can also result in skin irritations from moving or rubbing too much against your dog's neck while they are running or training. A proper fit will help prevent this from occurring.

- Place the collar unit high and tight on your dog's neck with the collar receiver box centered below the neck. Placing it at the wider base of the neck can let it travel up to the narrower part of the neck while your dog is moving, loosening as it goes.
- It should be tight enough to fit two fingers between the collar belt and your dog's neck, but not tight enough to restrict your dog's breathing.

## SETTING THE INTENSITY LEVEL

It is very important to set the correct intensity level on your Micro-iDT *PLUS* Training System before beginning your training sessions to provide the proper level of stimulation without over-stimulating your dog.

1. Place the Intensity Selection dial so that the system is set on Level 1.
2. Turn on the Collar Receiver and then fit it properly around your dog's neck.
3. Press the 'Cont.' button and check for a reaction. Indications of your dog feeling the stimulation include outward signs of discomfort or confusion on it's face, ears perking up, changes in tail movements, etc.
4. If there are no signs of your dog feeling the stimulation, increase the Intensity Level in increments of one until your dog reacts to the stimulation.
5. At this point, increase the Intensity Level by one or two. This should be your dog's ideal training level.

### **NOTE**

Some dogs may require more or less stimulation depending upon their individual temperament and/or size.



## MAINTENANCE

It is very important to periodically clean your **Micro-iDT™ PLUS Series** systems for maximum performance. Regular cleaning will also lengthen the life of your unit.

- Clean the **Micro-iDT™ PLUS 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 unit to completely dry before using.

### NOTE

It is recommended that the collar unit be rinsed with fresh, clean water after use in wet conditions, especially in salt water.

To get the maximum performance and life out of your rechargeable batteries:

- Remove the unit from the charger as soon as the SmartLED turns *green* during a charging session.
- Do not charge your batteries for more than 12 hours at a time.
- Fully charge and test your unit about once a month when storing your unit for an extended period of time.
- Do not store your unit in extremely hot or cold conditions.
- Store your unit in a dry environment.

## IMPORTANT SAFETY NOTES

- Before 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 **Micro-iDT™ PLUS 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 irritations, 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.

# WARRANTY

All **Micro-iDT™ PLUS Trainer** systems have a one year parts and labor warranty effective from the original date of purchase. A copy of the original sales receipt is required to validate the date of purchase. The **Micro-iDT™ PLUS Trainer** has been made with State of the Art equipment. Any fine adjustment should be performed only by D.T. Systems' technicians.

## NOTE

Warranty covers manufacturer's defects only. It does not cover damage caused by misuse or abuse.

# FCC & IC COMPLIANCE

Your **Micro-iDT™ PLUS Trainer** has been manufactured under complete compliance with Part 15 of the Federal Communication Commission (FCC) rules and Industry Canada (IC) Standard RSS-310. The complex internal structure of each product has been designed to operate within specific regulations of FCC specifications. Any changes or modifications not expressly approved by the manufacturer is a violation of these specifications and could void the user's authority to operate the equipment.

*This device complies with Part 15 of the FCC rules subject to the following two conditions:*

- 1. This device may not cause harmful interference*
- 2. This device must accept all interference received, including interference that may cause undesired operation.*

*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.*

*This Category II radiocommunication device complies with Industry Canada Standard RSS-310. 26.96-27.28.10mv.*

*Ce dispositif de radiocommunication de catégorie II respecte la norme CNR-310 d'Industrie Canada.*



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