TEK 1.5

OPERATING GUIDE
PLEASE READ THIS ENTIRE GUIDE BEFORE BEGINNING

Hereinafter Radio Systems Corporation, Radio Systems PetSafe Europe Ltd., Radio Systems Australia Ltd. and any other affiliate or Brand of Radio Systems Corporation may be referred to collectively as "We" or "Us".

IMPORTANT SAFETY INFORMATION

EXPLANATION OF ATTENTION WORDS AND SYMBOLS USED IN THIS GUIDE

⚠️ This is the safety alert symbol. It is used to alert you to potential personal injury hazards. Obey all safety messages that follow this symbol to avoid possible injury or death.

⚠ WARNING **WARNING** indicates a hazardous situation which, if not avoided, could result in death or serious injury.

CAUTION **CAUTION**, used without the safety alert symbol, indicates a hazardous situation which, if not avoided, could result in harm to your dog.

NOTICE **NOTICE** is used to address safe use practices not related to personal injury.

⚠ WARNING

- Not for use with 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 and even death to their owner and others. If you are unsure whether this product is appropriate for your dog, please consult your veterinarian or a certified trainer.
- This device contains Lithium-ion (Li-ion) batteries; never incinerate, puncture, deform, short-circuit, or charge with an inappropriate charger. Fire, explosion, property damage, or bodily harm may occur if this warning is not followed.
- Risk of explosion if battery is replaced by an incorrect type. Dispose of used batteries according to the regulations in your area.
- Do not short circuit, mix old and new batteries, dispose of in fire or expose to water. When batteries are stored or disposed, they must be protected from shorting.
- Batteries should never be removed from the battery compartment for charging.
- The battery should be charged in areas with temperatures ranging from 32°F to 113°F / 0°C to 45°C. Recharging the battery outside of this temperature range can cause the battery to overheat, explode, or catch fire.
- Keep batteries away from children.
- Using your TEK Series 1.5 System while operating a motor vehicle can be distracting. Always pay full attention to operating your vehicle.
- Radio signals can cause interference to poorly designed or inadequately shielded vehicle electrical and electronic systems. Radio Systems Corporation recommends that you do not operate the Handheld Device in your vehicle, especially when the vehicle is in motion. Contact your vehicle's manufacturer for more information.
- Always be alert to your surroundings when navigating to a way point. Do not cross dangerous terrain or obstacles as you move.

CAUTION

TEK-V1.5LT:

Please read and follow the instructions in this manual. Proper fit of the collar is important. A collar worn for too long or made too tight on the dog's neck may cause skin damage. This is called bed sores; it is also called decubitus ulcers or pressure necrosis.

- Avoid leaving the collar on the dog for more than 12 hours per day.
- When possible, reposition the collar on the dog's neck every 1 to 2 hours.
- Check the fit to prevent excessive pressure; follow the instructions in this manual.
- Never connect a lead/leash to the electronic collar; it will cause excessive pressure on the contacts.
- When using a separate collar for a lead/leash, don't put pressure on the electronic collar.
- Wash the dog's neck area and the contacts of the collar weekly with a damp cloth.
- Examine the contact area daily for signs of a rash or a sore.
- If a rash or sore is found, discontinue use of the collar until the skin has healed.
- If the condition persists beyond 48 hours, see your veterinarian.

For additional information on bed sores and pressure necrosis, please visit the Support section for Remote Trainers at www.sportdog.com.

These steps will help keep your dog safe and comfortable. Millions of dogs are comfortable while they wear Contact Points. Some dogs are sensitive to contact pressure. You may find after some time that your dog is very tolerant of the collar. If so, you may relax some of these precautions. 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.

- You may need to trim the hair in the area of the Contact Points or switch to the longer Contact Points to ensure consistent contact. Never shave the dog's neck; this may lead to a rash or infection.
- You should not make the collar any tighter than is required for good contact. A collar that is too tight will increase the risk of pressure necrosis in the contact area.

TEK-V1.5L:

Please read and follow the instructions in this manual. Proper fit of the collar is important.

- Avoid leaving the collar on the dog for more than 12 hours per day.
- When possible, reposition the collar on the dog's neck every 1 to 2 hours.
- When using a separate collar for a lead/leash, don't put pressure on the electronic collar.
- Wash the dog's neck area and collar weekly with a damp cloth.

NOTICE

- Avoid chemical cleaners and solvents that can damage plastic components.
- Do not store the TEK Series 1.5 System where prolonged exposure to temperature extremes may occur, because permanent damage may result.
- When storing the device for an extended time, store within the temperature range of 32°F to 77°F (from 0° to 25°C).
- Do not leave the device exposed to a heat source or in a high-temperature location, such as in the sun in an unattended vehicle. To prevent damage, remove the device from the vehicle or store it out of direct sunlight, such as in the glove box.
- In a typical training situation a user will not exceed 100 seconds of transmission time per hour, equating to 294 unique commands.
- Always confirm legal hunting times with the appropriate local hunting and shooting associations.
- Modification or changes to this equipment not expressly approved by Radio Systems Corporation may void the user's authority to operate the equipment.

Thank you for choosing SportDOG® Brand products. Used properly, this product will help you track or track/train your dog efficiently and safely. To ensure your satisfaction, please review this Operating Guide thoroughly. If you have questions regarding this product's operation, please see this manual's Frequently Asked Questions and Troubleshooting sections, contact our Customer Care Center, or visit our website at www.sportdog.com.

To get the most protection out of your 2- year warranty, please register your product within 30 days at www.sportdog.com. By registering and keeping your receipt you will enjoy the product's full warranty and, should you ever need to call the Customer Care Center, we will be able to help you faster. Most importantly, your valuable information will never be given or sold to anyone. Complete warranty information is available online at www.sportdog.com.

TABLE OF CONTENTS

COMPONENTS

TEK SERIES TEK-V1.5L SYSTEM CONTAINS:

- GPS Collar on Green Collar Strap
- Handheld Device with Antenna
- Charge Cradle • Adaptor • USB Cable
- Operating Guide • Lanyard
- Basic Training DVD & Manual

TEK SERIES TEK-V1.5LT SYSTEM CONTAINS:

- GPS Collar + E-Collar Module on Green Collar Strap
- Handheld Device with Antenna • Charge Cradle
- Adaptor • USB Cable • Operating Guide
- Long Contact Points • Test Light Tool
- Location-Only Module • Lanyard • Hex Key
- Basic Training DVD & Manual

HOW THE SYSTEM WORKS

The SportDOG® Brand TEK Series 1.5 Systems have been proven safe, comfortable, and effective for all dogs over 8 lbs. Consistent, correct use of this product allows you to track your dog, reinforce commands, and correct misbehavior from up to 7 miles line of sight.

The Handheld Device receives your location from its built-in GPS antenna and receives location updates from the GPS antenna mounted on the collar to track the location of your dog. The Handheld Device sends a signal, activating the E-Collar Module to deliver a harmless stimulation.* With proper training, a dog will learn to associate the signal with a command. The TEK-V1.5LT model features adjustable static stimulation levels so you can tailor the stimulation level to your dog's temperament, eliminating the risk of over-stimulation.

* TEK-V1.5LT and TEK-2AD have E-Collar functionality. To add E-Collar functionality to your TEK-V1.5L, you must purchase the TEK Series E-Collar Module.

IMPORTANT: THE TEK SERIES 1.5 SYSTEM HAS A RANGE OF UP TO 7 MILES LINE OF SIGHT. DEPENDING ON THE WAY YOU HOLD THE HANDHELD DEVICE, THE MAXIMUM RANGE MAY VARY. FOR CONSISTENT RESULTS AT LONGER RANGES, HOLD THE HANDHELD DEVICE IN A VERTICAL POSITION AWAY FROM YOUR BODY AND ABOVE YOUR HEAD. TERRAIN, WEATHER, VEGETATION, AND OTHER FACTORS WILL AFFECT THE MAXIMUM RANGE.

⚠ WARNING

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 and even death to their owner and others. If you are unsure whether this product is appropriate for your dog, please consult your veterinarian or a certified trainer.

KEY DEFINITIONS

HANDHELD DEVICE: Receives and displays location updates from the GPS Collar. It sends the radio signal to the E-Collar Module. It is waterproof and can be submerged in water to a depth of 5 feet.

ON/OFF BUTTON: Pressing and releasing this button turns the Handheld Device ON and OFF, and also controls the display's brightness level.

BACK BUTTON: While navigating menus, this button moves back to the previous menu screen.

MENU SELECTION PAD: Contains four arrow keys (up, down, left, and right) and can be used to control navigation through all menus and lists on the screen.

TRACKING/TRAINING TOGGLE BUTTON: This button toggles between the tracking (TEK-V1.5L / TEK-V1.5LT) and training (TEK-V1.5LT only) screens at any time and acts as an Enter Key when entering information in text entry fields.

USER-DEFINED STIM BUTTONS: These buttons (Button 1 on top, Button 2 in the middle, and Button 3 on the bottom) send the stimulation signals you have selected to use when training your dog. These buttons only function on the TEK-V1.5LT or when the optional E-Collar module is installed on the TEK-V1.5L.

CHARGING JACK: Port for connecting the Handheld Device to the Wall Charger.

HANDHELD DEVICE

HANDHELD DEVICE ANTENNA
GPS ANTENNA
ON/OFF BUTTON
STIM BUTTON 1
BACK BUTTON
STIM BUTTON 2
TRACKING/TRAINING TOGGLE BUTTON
STIM BUTTON 3
DISPLAY
CHARGING JACK
MENU SELECTION PAD

GPS COLLAR: Receives location from GPS constellations and transmits location updates to the Handheld Device. It is waterproof and can be submerged in water to a depth of 25 feet.

ON/OFF BUTTON: Pressing this button and releasing when the GPS Receiver Indicator Light comes on will turn the unit on. Pressing and holding this button until the GPS Receiver Indicator Light comes on solid red and the GPS Collar beeps for 2 seconds will turn the unit off.

RECEIVER INDICATOR LIGHT: Indicates when the GPS Collar has been turned on or off, whether a GPS Lock has been attained, is in Pairing Mode, and also serves as a low-battery indicator.

CHARGE CONTACTS: Location for connecting the GPS Collar to the charge cradle.

E-COLLAR MODULE*: Receives the radio signal from the Handheld Device and delivers static, vibration, or tone stimulation for correcting or cueing your dog. It is waterproof and can be submerged in water to a depth of 25 feet.

* Included with TEK-V1.5LT only. For the TEK-V1.5L, purchase the TEK Series E-Collar Module accessory to add E-Collar functionality to a GPS Collar.

CONTACT POINTS: The contacts through which the E-Collar Module delivers static stimulation to your dog.

GPS COLLAR

ON/OFF BUTTON

RECEIVER INDICATOR LIGHT

CHARGE CONTACTS

GPS COLLAR + E-COLLAR MODULE

CONTACT POINTS

ON/OFF BUTTON

RECEIVER INDICATOR LIGHT

CHARGE CONTACTS
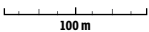
ICON DEFINITIONS

The following icons are used throughout the TEK Series 1.5 software interface.

ICON	FUNCTION
GENERAL ICONS	
09:40	**TIME INDICATOR:** Displays the current local time.
	BRIGHTNESS INDICATOR: Displays the current brightness level.
	BATTERY GAUGE: Displays the battery charge status of the Handheld Device.
	BATTERY GAUGE: Displays the battery charge status of the GPS Collar.
	UP / DOWN INDICATORS: Indicates menu choices available. Use the arrow keys to view additional menu items.
	MORE / SELECT INDICATOR: Indicates more information is available. Use the arrow keys to view additional information.
	BACK INDICATOR: Indicates lower menu level. Press the BACK button to return to the previous screen.
	TEXT ENTER / ACCEPT: Select to lock in a new text entry using the Tracking/Training Toggle Button.
TRACKING ICONS	
	GPS LOCK INDICATOR: Indicates the Handheld Device has a good satellite lock (see page 18).
	COMPASS NEEDLE: Displays compass heading to magnetic north.
	DOG DIRECTION INDICATOR: Displays the direction your dog is traveling.
	DOG DIRECTION INDICATOR COMMUNICATION LOST: Displays if communication to the collar is lost.
	DOG STATUS INDICATOR: Indicates the location of your dog when the dog is either on point or treed.
100 m	**SCALE INDICATOR:** Shows the current scale. Scale is adjustable from 100 yards to 75 miles.
	MY DOG: Indicates the current dog. Color is based on the assigned collar to this dog.

TRAINING ICONS	Available only with the TEK-V1.5LT System. For the TEK-V1.5L System, purchase the TEK Series E-Collar Module accessory to add E-Collar functionality to a GPS Collar.
C	**CONTINUOUS STIMULATION:** You control both when and how long static stimulation is delivered, up to a maximum of 10 seconds. After 10 seconds, the Handheld Device will "time-out" and static stimulation cannot be delivered to your dog for 5 seconds. After the 5 second "time-out" period, static stimulation can be delivered again.
V	**VIBRATION:** The E-Collar Module will vibrate when a User-Defined Stim Button is pressed.
T	**TONE:** The E-Collar Module will make a rapid beeping noise when a User-Defined Stim Button is pressed.
M	**MOMENTARY (NICK) STIMULATION:** Stimulation is delivered for 1/10 of a second, regardless of how long the button is pressed.
R	**RISING STIMULATION:** While holding this button the static stimulation will rise from your current level to the maximum level.
P1	**USER PROGRAMMABLE STIMULATION 1:** The E-Collar Module applies a user-configurable stimulation.
P2	**USER PROGRAMMABLE STIMULATION 2:** The E-Collar Module applies a user-configurable stimulation.
(dog icon)	**MY DOG:** Indicates the current dog. Color is based on the assigned collar to this dog.

MAIN MENU

When you power ON the Handheld Device or press the BACK button, the main menu displays. The main menu provides the following options:

DOG TRACKING: View the location of your dogs and way points in relation to you (page 19).

DOG TRAINING: Send stimulation to command dogs while training or hunting (page 20).

DOG LIST: Suspend or resume tracking of a particular dog and set the order of the dogs (page 22).

STATUS: View a list of all dogs and their current status (page 23).

COMPASS: View the electronic compass for navigation (page 24).

```
12:11            ▭        12:10            ▭
MAIN MENU                 MAIN MENU
  DOG TRACKING   ▶         ▲ DOG TRAINING
  DOG TRAINING              DOG LIST
  DOG LIST                  STATUS
  STATUS                    COMPASS
  COMPASS                   SETTINGS
  SETTINGS                  WAY POINTS
  WAY POINTS                SET START POINT
▼ SET START POINT        ▼ ABOUT           ▶
```

WAY POINTS: Add, change, or remove way points from the system (page 24).

SET START POINT: Set a way point to your starting location (page 24).

SETTINGS: Change configuration for dogs, collars, units, time, display, and other settings (page 26).

ABOUT: View name, ID number, and software/hardware version of your Handheld Device (page 33).
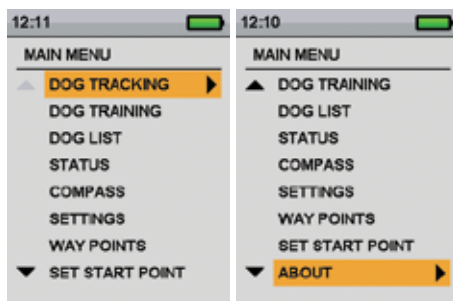
OPERATE THE TEK SERIES 1.5

The following terms are used throughout this Operating Guide:

SELECT: Move the highlighted area on the screen up, down, left, or right with the respective arrow keys on the Menu Selection Pad to select individual menu items. A selected item is highlighted in orange.

BACK: Press the BACK button on the top right side of the Handheld Device to go to the previous menu.

FIELD: The location on a page where data can be entered.

ENTER: Press the Tracking/Training Toggle Button in a text entry field to select a highlighted character.

STEP::01

PREPARE THE GPS COLLAR / GPS COLLAR + E-COLLAR MODULE
YOU MUST COMPLETE THESE STEPS PRIOR TO USING THIS DEVICE FOR THE FIRST TIME.

TO CHARGE THE GPS COLLAR / GPS COLLAR + E-COLLAR MODULE

1. Attach the supplied Charge Cradle so that the SportDOG® logo on the Charge Cradle covers the logo on the GPS Collar.
2. Connect the appropriate charger connector to the charging jack as shown.
3. Plug the charger into a standard 120/240-volt AC wall outlet.
4. Charge the GPS Collar for 4 hours for the first charge and every charge thereafter. It is not harmful to let the unit charge more than 4 hours.
5. When charging is complete, as indicated by the Receiver Indicator Light flashing green, remove the Charge Cradle.

NOTE: Approximate battery life between charges is 24 hours (at the 3 second update rate) depending on the frequency of use.

TO TURN THE GPS COLLAR/E-COLLAR MODULE ON

Press the On/Off Button and release when the Receiver Indicator Light comes on green and beeps.

TO TURN THE GPS COLLAR/E-COLLAR MODULE OFF

Press and hold the On/Off Button until the Receiver Indicator Light comes on solid red and the GPS Collar beeps for 2 seconds. To extend the battery life between charging cycles, turn off the GPS Collar when it is not in use.

TEST LIGHT TOOL INSTRUCTIONS

1. Turn the GPS Collar + E-Collar Module on.
2. Hold the Test Light Tool Contacts to the Contact Points.
3. Press a Static Stimulation Button on the Handheld Device.
4. The Test Light will flash.

NOTE: At higher static stimulation levels, the Test Light will flash brighter.

5. Turn the GPS Collar + E-Collar Module off.

NOTE: If the Test Light does not flash, recharge the battery and re-test. If the Test Light still does not flash, contact the Customer Care Center.
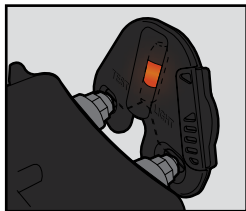
GPS COLLAR RECEIVER INDICATOR LIGHT				
OPERATIONAL MODE	**LIGHT COLOR**	**LIGHT FUNCTION**	**BATTERY STATUS**	**SPEAKER FUNCTION**
Unit is turned on via On/Off Button	Green	Light is solid in color during beep sequence	Good	N/A
	Red		Low	
Unit is turned off via On/Off Button	Red	Light is solid in color during beep sequence	N/A	N/A
Unit is on	Green	Single blink every 3 seconds	Good	N/A
	Red		Low*	
Unit is in pairing mode	Amber	Light is solid in color	N/A	N/A
Unit is charging	Green	Light is solid in color	N/A	N/A
Unit is charged	Green	Light flashes	N/A	N/A
Unit is delivering continuous, momentary, rising, or programmable static stimulation	Red	Light is solid in color while delivering static stimulation	N/A	N/A
Unit is delivering tone stimulation	N/A	N/A	N/A	Unit will beep
Unit is delivering vibration stimulation	N/A	N/A	N/A	N/A
Unit has attained GPS lock**	Green	Single blink every 3 seconds	Good	N/A
	Red		Low	
Unit has lost GPS lock	Green	Double blink every 3 seconds	Good	N/A
	Red		Low	

* Update rate automatically adjusts to 25 seconds.

** Before the GPS Collar can send location information to the Handheld Device, it must acquire GPS lock. To acquire GPS lock, go outdoors to an open area with a clear view of the sky (see page 18).

ABOUT RECHARGEABLE BATTERIES

⚠WARNING

- The Handheld Device and GPS Collar contain Lithium-ion (Li-ion) batteries; never incinerate, puncture, deform, short-circuit, or charge with an inappropriate charger. Fire, explosion, property damage, or bodily harm may occur if this warning is not followed.
- Risk of explosion if battery is replaced by an incorrect type. Dispose of used batteries according to the regulations in your area.
- Do not short circuit, mix old and new batteries, dispose of in fire or expose to water. When batteries are stored or disposed, they must be protected from shorting.
- The battery should be charged in areas with temperatures ranging from 32°F to 113°F / 0°C to 45°C. Recharging the battery outside of this temperature range can cause the battery to overheat, explode, or catch fire.
- Batteries should never be removed from the battery compartment for charging.
- Keep batteries away from children.

- The rechargeable Lithium ion (Li-ion) batteries are not memory sensitive, do not require depletion before charging, and cannot be over charged.
- The batteries come partially charged from the factory, but will require a full charge before the first use.
- When storing the unit for long periods, remember to regularly give batteries a full charge. This should be done once every 3 to 4 months. Failure to do so will result in decreased battery life.
- You should expect hundreds of recharge cycles from your batteries. However, all rechargeable batteries lose capacity over time relative to the number of recharge cycles they experience. This is normal. If your operating time drops to half of the original life, contact the Customer Care Center.
- The batteries should last for a period of 3 to 5 years. When a battery needs replacement, call our Customer Care Center. Please do not open the Handheld Device or GPS Collar until you have received your replacement.
- When storing the device for an extended time, store within the temperature range of 32°F to 77°F (from 0° to 25°C).

CONVERT A GPS COLLAR TO A GPS COLLAR + E-COLLAR MODULE

1. Remove the 2 outer screws from the Location-Only Module with a 3/32 Hex Key **(A)**.
2. Separate the Location-Only Module from the GPS Collar's front housing **(B)**.
3. Thoroughly clean inside the front housing with a soft towel, removing any debris.
4. Before installing the E-Collar Module, check to make sure the GPS Collar mount, antenna base, and antenna cable have not become dislodged **(C)**.
- Ensure the GPS Collar mount is seated properly in the front housing and that the GPS Collar mount plug is securely in place.
- Ensure the antenna base is seated firmly on top of the GPS Collar mount and that the antenna cable is routed properly through front housing channel.
5. Install the E-Collar Module onto the GPS Collar's front housing. Ensure that the E-Collar Module is fully seated before replacing the screws **(D)**.
6. Replace the 2 outer screws being careful not to over-tighten **(E)**.

A

B

GPS Collar mount

C

Antenna cable

GPS Collar mount plug

Antenna base

D

E
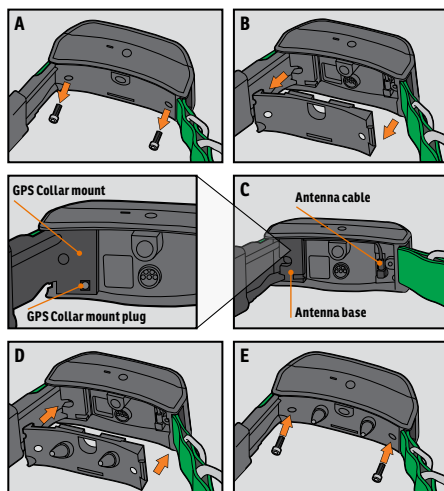
NOTE: If you own the TEK Series 1.5 GPS Tracking System (TEK-V1.5L), you must purchase the TEK Series E-Collar Module accessory to utilize E-Collar functionality (see back cover).

FIT THE GPS COLLAR OR GPS COLLAR + E-COLLAR MODULE

To ensure the effectiveness of this product and the comfort and safety of your dog, check the fit of the collar frequently. If you notice that your dog is experiencing skin irritation, discontinue use of the collar for a few days. If the condition persists beyond 48 hours, see your veterinarian.

IMPORTANT: The proper fit and placement of the collar is important for effective use.

CAUTION

Please see page 3 for Important Safety Information.

To ensure a proper fit, follow these steps:

1. With your dog standing (**A**), center the GPS Collar underneath your dog's neck (**B**). If using an E-Collar Module, ensure the Contact Points are touching the skin. If your dog has a long or thick coat, you have 2 options to ensure consistent contact: either trim the hair around the Contact Points, or switch to the longer Contact Points included with your system.
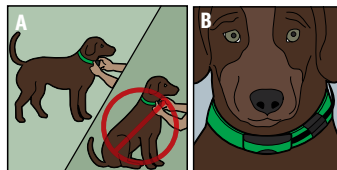
CAUTION

-   You may need to trim the hair in the area of the Contact Points. Never shave the dog's neck; this may lead to a rash or infection.
-   You should not make the collar any tighter than is required for good contact. A collar that is too tight will increase the risk of pressure necrosis in the contact area.

2. The collar should fit snugly, yet loose enough to allow one finger to fit between the strap and your dog's neck (**C**).
3. Allow your dog to wear the collar for several minutes, and then recheck the fit. Check the fit again as your dog becomes more comfortable wearing the collar.

NOTE: To ensure the best reception possible, position the GPS antenna on the back of your dog's neck.
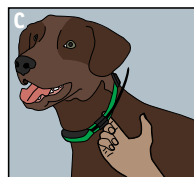
STEP::02

PREPARE THE TEK SERIES 1.5 HANDHELD DEVICE
YOU MUST COMPLETE THESE STEPS PRIOR TO USING THIS DEVICE FOR THE FIRST TIME.

TO CHARGE THE HANDHELD DEVICE
1. Lift the rubber cover protecting the charging jack.
2. Connect the appropriate Charger Connector to the charging jack as shown.
3. Plug the Charger into a standard 120/240-volt AC wall outlet. The Handheld Device will automatically power on.
4. Charge the Handheld Device for 2 hours for the first charge and every charge thereafter. It is not harmful to let the unit charge more than 2 hours.
5. When charging is complete, as indicated by a full green bar on the battery gauge, replace the rubber cover.

NOTE: Approximate battery life between charges is 20 hours, depending on the frequency of use.

ON/OFF
BUTTON

TO TURN THE HANDHELD DEVICE ON
On the top of the unit, firmly press and release the On/Off button.
The start-up screen will display.

TO TURN THE HANDHELD DEVICE OFF
Firmly press and hold the On/Off button. Release when the display goes blank.

TO ADJUST THE DISPLAY BRIGHTNESS
The Handheld Device comes with brightness controls to allow you to adjust the backlight level for the optimum readability in the current environment.

NOTE: Higher brightness levels will decrease battery life between charges.

With the Handheld Device powered on, press and release the On/Off button to increase/decrease brightness levels. There are 5 levels of brightness available. The Brightness Indicator will display the current level at the top of the display.
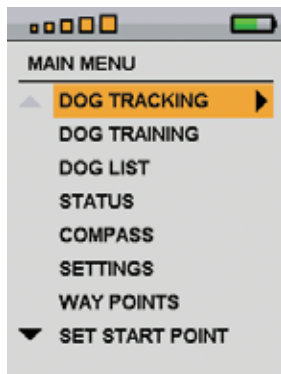
TO CALIBRATE THE COMPASS

In order for the TEK Series 1.5 Handheld Device to accurately display your location, you must first calibrate the electronic compass. You should always calibrate the compass after you arrive at a new starting location, after periods of storage, or after you install new batteries.

NOTE: Always calibrate the compass outdoors. Hold the compass level and away from objects that may generate magnetic fields, such as cars, buildings, or overhead power lines.

1. From the main menu, select **COMPASS > CALIBRATE**. The compass screen appears.
2. Rotate the Handheld Device two to three times in all three dimensions as shown below. Rotate until the black indicators are as close as possible to the center of the green zone. If successful, your Handheld Device will beep and vibrate as well as display a message that says "CALIBRATION DATA HAS BEEN UPDATED SUCCESSFULLY."
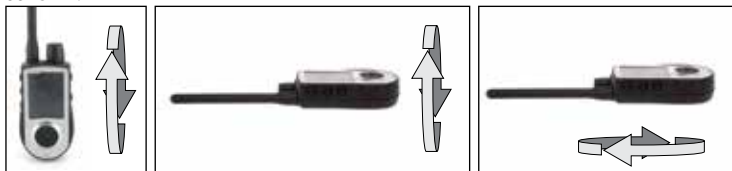
NOTE: If you are unable to get the compass to automatically update your calibration data, follow the remaining steps.

3. Rotate until the black indicators are as close as possible to the green zone and press the Menu Selection Pad to continue.
4. At the prompt "DO YOU WANT TO SAVE THE NEW CALIBRATION DATA?" press the arrow keys to select **YES**.
5. Press **BACK** to return to the main menu.

TO SET THE MAGNETIC DECLINATION ANGLE:

Magnetic declination is the angle between magnetic north (the direction the north end of a compass needle points) and true north. The declination is positive when the magnetic north is east of true north and negative when the magnetic north is west of true north. To find your exact declination angle go to: www.ngdc.noaa.gov/geomag/declination.shtml

NOTE: Incorrect magnetic declination will result in inaccurate compass readings.

1. From the main menu, select **SETTINGS > GENERAL > MAG DEC ANGLE**.
2. Press the up or down arrows on the Menu Selection Pad to select the amount of declination. Magnetic declination ranges from -70 to 70. The default is 0.
3. Press the right arrow when finished.
4. Press **BACK** to return to the main menu.
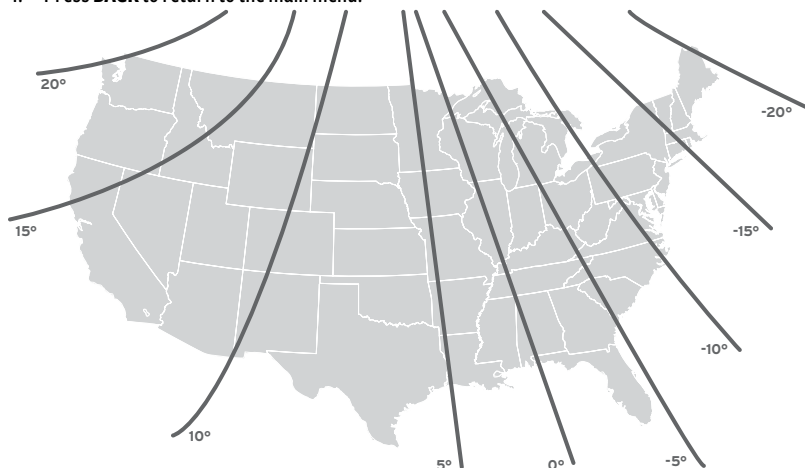
MAGNETIC DECLINATION: CANADA

Magnetic declination is the angle between magnetic north (the direction the north end of a compass needle points) and true north. The declination is positive when the magnetic north is east of true north and negative when the magnetic north is west of true north.

1.800.732.0144
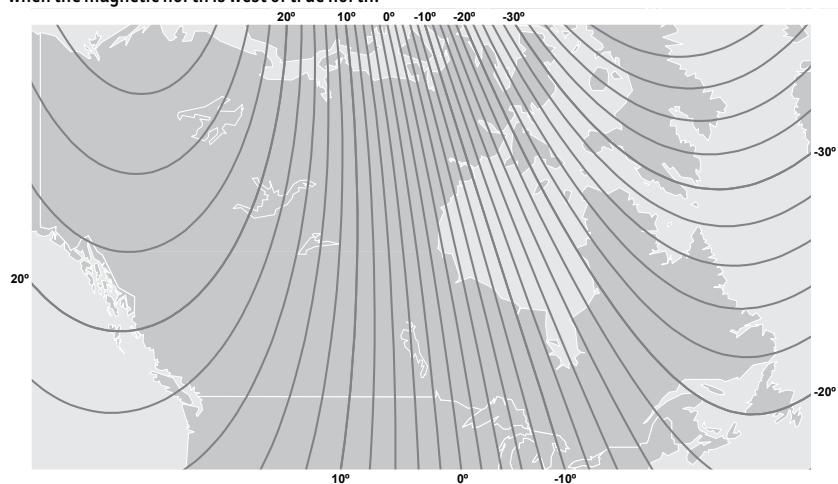
STEP::03

PAIR COLLARS TO THE HANDHELD DEVICE

Your system will already be paired when you get it, but in the event you need to pair the Handheld Device to the GPS Collar / GPS Collar + E-Collar Module, follow the steps below. The Handheld Device can support up to 12 collars at a time. You must repeat this procedure for each GPS Collar / GPS Collar + E-Collar Module that you want to monitor with this Handheld Device.

TO PAIR THE COLLARS TO THE HANDHELD DEVICE

1. On the main menu, select **SETTINGS > MY COLLARS > COLOR** where **COLOR** is the icon color that you want to associate with this collar.
2. Press the right arrow to open the configuration window.
3. To enable the GPS Collar, select and press the right arrow key to set **ACTIVE** to **Y**.
4. To enable the E-Collar Module, select and press the right arrow key to set **E-COLLAR** to **Y.**
5. With the GPS Collar / GPS Collar + E-Collar Module turned off, press and hold the On/Off button until its indicator light is solid amber. The collar is now in "pairing mode."
6. On the Handheld Device, select **PAIR COLLAR** and press the right arrow key to complete the pairing process. The indicator light on the collar will blink 5 times to confirm that it is paired to the Handheld Device.
7. When finished, press **BACK** to return to the main menu.

STEP::04

ADD YOUR DOG

The TEK Series 1.5 allows you to track or track/train up to 12 dogs with purchase of additional GPS Collars, or GPS Collars + E-Collar Modules (see back cover). After a collar has been paired to the Handheld Device, you must add the dog to the system. You must repeat this procedure for each dog that you want to work with the system.

TO ADD A DOG

1. From the main menu, select **SETTINGS > MY DOGS > ADD A DOG >**. A screen labeled **DOG n** appears where n is the next available number of the dog.
2. To enter the dog's name, select **CHANGE NAME**. A text entry screen displays. Select **Clr** and press **ENTER** (bottom-right button) to clear the name. Use the arrow keys to select letters to enter a new name. Select ⏎ to complete the new name.
3. Assign a collar to this dog by selecting **COLLAR**. Use the arrow keys to select the color matching the desired collar from the previously paired collars.
4. Once a collar is assigned to the new dog, you are ready to track or track/train this dog. Press **BACK** to return to the main menu.

```
2:00 PM                    ▬▬
◀◀ DOG 1
  ▲   CHANGE NAME         ▶
      E-COLLAR: Y
      STIM BUTTONS
      STIM RANGE: M
      COLLAR: BLUE
  ▼   DELETE
```

ACQUIRE GPS SATELLITE SIGNALS

Before the TEK Series 1.5 Handheld Device can show your current location and the location of your dog(s), both units must acquire a GPS signal lock.

TO ACQUIRE GPS SIGNAL LOCK

NOTE: Acquiring a GPS signal lock can take several minutes.

1. Go outdoors to an open area with a clear view of the sky.
2. Once you are outdoors, turn on the Handheld Device and GPS Collar or GPS Collar + E-Collar Module. The "Waiting for Lock" message will display until a good GPS lock is acquired. On the Handheld Device, the GPS Lock Indicator 🔊 displays when GPS lock is achieved. The GPS Indicator Light on the collar will single blink every 3 seconds when it has a GPS lock.
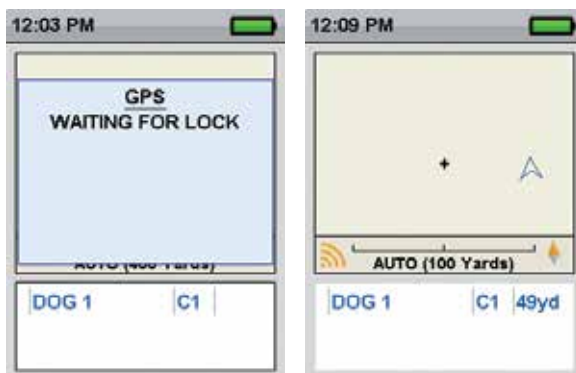
Congratulations! At this point, your TEK Series 1.5 GPS Tracking or GPS Tracking + E-Collar System is ready for field use. Refer to the Settings section on pages 26-32 to further customize your system.

TRACK YOUR DOG

The DOG TRACKING screen allows you to view your location and track the location of your dog(s).

TO USE TRACKING MODE

NOTE: You must have a clear view of the sky in order for the GPS to acquire a signal. The "Waiting for Lock" message will display until a good GPS lock is acquired. The Handheld Device will beep once and move to the tracking window when GPS lock is acquired.

From the main menu, select **DOG TRACKING**. The tracking screen displays.

Your location is marked by a black crosshair (**+**) in the center of the display. Dogs are marked by a direction arrow showing their direction of travel or an octagon if the dog is stationary. If you have set a start point, it appears as an **X** on the tracking display. Any active way points are marked by their respective number. The upper portion of the screen also displays your respective status, current map scale, and compass direction.

A table on the lower portion of the screen shows the status of the first three dogs being tracked as follows:

- The name of each dog is displayed in the color of its assigned collar.
- The type and level of stimulation assigned to STIM button 1 for each dog: C1 = continuous static stimulation on level 1, T = tone, V = vibration, M= momentary (nick), R= rising static stimulation, P1= user programmable level 1, P2= user programmable level 2.
- The distance of each dog from your location is displayed.
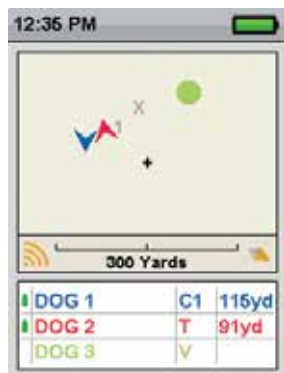
TO ADJUST THE SCALE

On the DOG TRACKING screen, press the left or right arrow on the Menu Selection Pad to manually adjust the scale from 100 yards to 75 miles or set the scale to **AUTO** which will automatically adjust to keep your dog(s) on the display. The current scale is displayed just below the tracking area.

GENERAL TRAINING TIPS

BEFORE TRAINING WITH THIS PRODUCT (TEK-V1.5LT)

You will have the most success using this product if you always remember to teach a command before trying to reinforce the command with stimulation. We recommend that you read the enclosed Training Guide and watch the enclosed DVD before training. Your training will be easier and proceed faster if you follow the guidelines in these teaching assistants. In addition, always keep the following training tips in mind:

- Eliminate a single misbehavior or teach a single obedience command at a time. If you move too fast with the training, your dog may become confused.
- Be consistent. Give your dog a tone, vibration, or static stimulation for each misbehavior.
- Do not overcorrect your dog. Use as little stimulation as possible to train your dog.
- Restrict your dog from situations in which he has a history of misbehaving unless you can supervise him and use the TEK Series 1.5 Handheld Device for applying tone, vibration, or static stimulation.
- 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.
- If your dog has a timid reaction to the tone, vibration, or static stimulation (especially the first couple of times), do not be alarmed. Redirect his attention to a simple and appropriate behavior (i.e. a known command, such as "Sit").
- Never use the TEK Series 1.5 GPS Tracking + E-Collar to correct or eliminate any form of aggressive behavior. If your dog exhibits such behavior, contact a professional trainer. Aggression in dogs is the result of many factors – it may be a learned behavior 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.

TRAIN YOUR DOG

The TEK Series 1.5 GPS Tracking + E-Collar System supports six types of stimulation: continuous, momentary, rising, programmable, tone, and vibration. The continuous static stimulation mode has multiple intensity levels so you can match the correction to your dog's temperament.

TO FIND YOUR DOG'S RECOGNITION LEVEL

NOTE: Always start at the lowest level and work your way up. Every dog is different and you cannot predict where your dog's Recognition Level will be. Watch closely for any slight change in behavior that tells you your dog is feeling the stimulation.

For training efficiency, it is important to find the right intensity level for your dog. This is called the "recognition level", at which your dog looks around in curiosity, or flicks his ears.

> **CAUTION** Your dog should not vocalize or panic when receiving static stimulation. If this happens, the static stimulation level is too high and you need to go back to the previous level and repeat the process.

1. With the GPS Collar + E-Collar Module turned on and properly fitted to your dog, select **DOG TRAINING**. The DOG TRAINING screen displays.
2. Press the down arrow on the Menu Navigation Pad to lower the intensity level to **1**.
3. Press the stim button next to the icon (**C**) to apply continuous static stimulation for 1 to 2 seconds.
4. If your dog shows no reaction to level 1, press the up arrow on the Menu Selection Pad to increase go to level 2 and repeat the process.
5. Continue to increase the intensity level until you find your dog's recognition level. Once you find your dog's recognition level, this is the level you should use when you begin a training exercise.
6. If you have progressed to level 20 while searching for your dog's recognition level and your dog continues to show no response, check to see if the GPS Collar + E-Collar Module is snug against your dog's neck. Then go back to level 1 and repeat the process. If your dog still does not indicate he is feeling the static stimulation, you have two options: you may either have to trim the hair beneath the Contact Points or switch to longer Contact Points.
   NOTE: If after completing all of these steps your dog still does not indicate he is feeling static stimulation; please contact the Customer Care Center at 1-800-732-0144.

TO USE TRAINING MODE

The DOG TRAINING screen allows you to send a signal to deliver stimulation to your dog in order to correct a behavior. You can switch among the dogs currently being trained; select the type and intensity level of static stimulation.

In training mode, the user-defined stim buttons are active allowing you to select among three pre-defined stimulation types for the current selected dog.

1. From the main menu, select **DOG TRAINING**.
2. Press the right or left arrows on the Menu Selection Pad to choose among dogs in the system. The current dog is shown at the bottom of the screen.
3. Select the desired level of continuous static stimulation for that dog.
4. To send stimulation to the selected dog, press one of the three stim buttons on the left side of the Handheld Device matching to the type of stimulation desired. When the desired button is pressed, the corresponding icon will highlight to confirm that the signal has been sent.

DOG LIST

TO SUSPEND OR RESUME TRACKING/TRAINING A SPECIFIC DOG

You can choose to suspend tracking/training of a specific dog without having to delete the dog from the system.

1. From the main menu, select **DOG LIST**. A list of current dogs displays.
2. Use the arrow keys to highlight the dog you want to suspend tracking/training.
3. Press the right arrow key. A message displays "*DOG X SUSPEND*" where DOG X is the name of the dog selected. The dog will no longer display on the tracking/training screens.
4. To resume tracking/training the dog, select **DOG LIST**.
5. Use the arrow keys to highlight the dog you want to resume tracking/training.
6. Press the right arrow key. A message displays "*DOG X RESUME*" where DOG X is the name of the dog selected. The dog will appear on the tracking/training screens.

TO SET THE ORDER IN DOG LIST

You can choose to re-order how dogs are displayed in the system.

1. From the main menu, select **DOG LIST > SET ORDER.** A list of dogs displays.
2. Use the arrow keys to highlight the dog you want to move in the list and press the right arrow key.
3. Use the up or down arrow keys to move the selected dog in the list.
4. When the dog is in the desired order, press the right arrow key.
5. Repeat for each dog until they are in the desired order. Dogs will now appear in this order on tracking/training screens.

VIEW DOG STATUS

The STATUS screen allows you to view the status of the GPS Collar for each dog, the ID for your Handheld Device, and a list of dogs being tracked. For each dog, you can view its ID, GPS battery status, GPS lock status, update rate, and the time since its last update.

The update rate on your Handheld Device will update automatically according to the following GPS Collar battery status:

• Good Battery - Every 2.5 seconds
• Medium Battery - Every 10 seconds
• Low Battery - Every 25 seconds

TO VIEW THE DOG STATUS

1. From the main menu, select **STATUS**. The STATUS screen displays .
2. Select the dog whose status you want to view e.g. **DOG 1**.
3. Press the right arrow to view the DOG STATUS screen.

NAVIGATE WITH THE COMPASS AND GPS TOOLS

The TEK Series 1.5 GPS Tracking / GPS Tracking + E-Collar System comes with a built-in electronic compass and GPS tools to track your location and guide you to previously saved locations.

SET YOUR STARTING LOCATION

The SET START POINT screen allows you to define a way point specific to your starting location prior to working the dogs in a particular area.

TO SET A START POINT

NOTE: You must have a good GPS lock before you can mark a new way point.

1. From the main menu, select **SET START POINT**. A prompt appears, "You are about to change the starting location. Are you sure you want to continue?"
2. Select **YES** to set a new starting location.

MARK YOUR LOCATION WITH WAY POINTS

The WAY POINTS screen allows you to save your current GPS location as a way point, navigate to, rename, or delete existing way points. You can store up to 20 way points. If you have set a start point, it appears as an **X** on the tracking display. Other way points are shown by their respective number.

TO MARK A NEW WAY POINT

NOTE: You must have a good GPS lock before you can mark a new way point.

1. From the main menu, select **WAY POINTS > MARK NEW POINT**. A text entry field appears.
2. Use the arrow keys to enter a name for the new way point.
3. Select ⏎ when finished.

TO RENAME A WAY POINT

1. From the main menu, select **WAY POINTS > way point name** where *way point name* is a previously marked way point.
2. Select **RENAME**. A text entry screen displays.
3. Use the arrow keys to type in the new name.
4. Select ⏎ when finished.

TO DELETE A WAY POINT

NOTE: Deleting a way point cannot be undone.

1. From the main menu, select **WAY POINTS > way point name** where *way point name* is a previously marked way point.
2. Select **DELETE**.
3. At the prompt, *"ARE YOU SURE YOU WANT TO CONTINUE?"* select **YES**. The way point is deleted.

TO USE THE COMPASS

From the main menu, select **COMPASS** . The COMPASS screen displays.

NOTE: When using the compass, hold the Handheld Device up to a 45° angle and point the antenna forward along your line of travel.

The COMPASS screen allows you to see your current heading and track the bearing to pre-defined way points. The compass shows north as a red N and will rotate as you move to keep its orientation. Your current heading is shown at the lower right corner of the display.

TO GO TO YOUR START POINT

NOTE: You must have first set a start point before you can use the compass to navigate to it (see page 24). And, you must have a good GPS lock of your current location.

1. From the main menu, select **COMPASS**. The compass screen displays.
2. Select **GO TO START**. The compass screen now displays the bearing and distance to your starting location.
3. Face the direction toward the starting location then follow the best route to that location.

⚠ **WARNING**	Always be alert to your surroundings when navigating to a way point. Do not cross dangerous terrain or obstacles as you move.

TO GO TO A WAY POINT:

NOTE: You must have first created a way point before you can use the compass to navigate to it (see page 24). And, you must have a good GPS lock of your current location.

1. From the main menu, select **COMPASS**. The compass screen displays.
2. Select **GO TO POINT**. A list of pre-defined way points displays.
3. Select the desired way point. The compass screen now displays the bearing and distance to the way point .

TO GO TO A WAY POINT (VIA WAY POINT MENU)

1. From the main menu, select **WAY POINTS > way point name** where *way point name* is a previously marked way point.
2. Select **GO TO**. The compass screen displays with the bearing and distance to the selected way point.
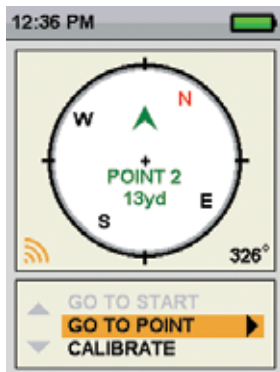
SETTINGS MENU

The SETTINGS screen allows you to customize the operation of the Handheld Device.

TO OPEN THE SETTINGS MENU

From the main menu, select **SETTINGS**. The settings screen displays the following options.

- GENERAL: Includes tracking/training modes, stimulation settings, action, name, and magnetic declination.
- COMMUNICATION: Includes user ID, GPS channel, and E-Collar channel.
- MY COLLARS: Includes collar status, collar pairing, and collar sharing.
- MY DOGS: Includes adding a dog, changing dog name, changing color, enabling E-Collar, configuring stimulation buttons, setting static stimulation range, or deleting a dog from the system.
- UNITS: Includes distance and time modes.
- SET TIME: Sets the time used by the Handheld Device.
- DISPLAY: Includes the brightness dim timer, power off timer, and way point display options.
- VEHICLE MODE: Enables or disables vehicle mode.
- RESET ALL: Resets all settings to the factory default configuration.

CHANGE GENERAL SETTINGS

The GENERAL SETTINGS screen allows you to set the tracking/training mode, stimulation configuration, action, identity, and magnetic declination.

TO TOGGLE TRACKING/TRAINING MODE

The Handheld Device can be configured to operate in two modes: **TRACKING ONLY** and **TRACK & TRAIN™**.
In **TRACKING ONLY** mode, the Handheld Device will only track the location of dogs and all stimulation functions will be disabled. In **TRACK & TRAIN** mode, all stimulation options are available for use. The default mode is **TRACK & TRAIN**.

1. From the main menu, select **SETTINGS > GENERAL**.
2. Press the right arrow to select **TRACKING ONLY** or **TRACK & TRAIN**.
3. Press **BACK** to return to the main menu.

TO SET STIM LEVELS

The STIM LEVELS allows you to define intensity levels of static stimulation up to 99 within the current STIM RANGE.

1. From the main menu, select **SETTINGS > GENERAL > STIM LEVELS**.
2. Press the up or down arrows to change the number of static stimulation levels. Default is 20.
3. Press the right arrow to set the number of static stimulation levels.
4. Press **BACK** to return to the main menu.

TO ENABLE STIM TRACKING

STIM TRACKING allows you to use the User-Defined Stimulation buttons while on the TRACKING screen.

1. From the main menu, select **SETTINGS > GENERAL > STIM TRACKING**.
2. Press the right arrow to select **Y** to enable stimulation while tracking, or select **N** to disable stimulation. Default is Y.
3. Press **BACK** to return to the main menu.

TO CONFIGURE THE USER DEFINED STIM BUTTONS

The three buttons on the left side of the Handheld Device are use to send different stimulations to the E-Collar Module. You can define the actions that each button performs according to your training preferences. The buttons are labeled Button 1 (top), Button 2 (middle), and Button 3 (bottom). For each button, you can set one of the following stimulations types:

SETTING	STIMULATION TYPE
C	Continuous – applies continuous static stimulation for up to a maximum of 10 seconds
T	Tone – sounds an audible tone on the E-Collar Module
V	Vibration – causes the E-Collar Module to vibrate
M	Momentary Static Stimulation – applies a "momentary nick" stimulation
R	Rising – applies a rising static stimulation
P1	Programmable 1 – applies user-configurable setting
P2	Programmable 2 – applies user-configurable setting

1. From the main menu, select **SETTINGS > GENERAL > STIM BUTTONS**. The STIM BUTTONS screen displays.
2. Select **BUTTON 1**. Select the desired stimulation type for Button 1. Default for Button 1 is C.
3. Select **BUTTON 2**. Select the desired stimulation type for Button 2. Default for Button 2 is T.
4. Select **BUTTON 3**. Select the desired stimulation type for Button 3. Default for Button 3 is V.
5. Press **BACK** to return to the main menu.

TO ENABLE ACTION ALERTS

The Handheld Device can alert you when your dog exhibits specific hunting actions:
- On-point – used for hunting with pointing dogs to indicate the dog is stationary or on-point.
- Treed – used for hunting with trailing dogs to indicate the dog is "on the tree" and holding an animal at bay.

While on the tracking screen, the Handheld Device will alert you when the action is detected.
1. From the main menu, select **SETTINGS > GENERAL >ACTION**
2. Press the right arrow key to toggle among the action types: **NONE, ON-POINT, TREED**.
3. Press **BACK** to return to the main menu

TO SET THE ACTION ALERT TYPE

The Handheld Device can alert you to an action with several alert types.
1. From the main menu, select **SETTINGS > GENERAL >ALERT**
2. Press the right arrow key to toggle among the action types: **NONE, TONE, VIBE, BOTH**.
3. Press **BACK** to return to the main menu

TO SET A NAME

At initial set-up, you can name your Handheld Device.
1. From the main menu, select **SETTINGS > GENERAL >SET NAME**. A text entry screen displays.
2. Use the arrow keys on the Menu Navigation Pad to enter a name. Use the bottom-right button to select characters.
3. Select the ⏎ when finished.

TO CLEAR OR CHANGE A NAME

1. From the main menu, select **SETTINGS > GENERAL >handheld name** where *handheld name* is previously entered name. A text entry screen displays.
2. Select **Clr** to clear the name.
3. Press the arrow keys on the Menu Navigation Pad to enter a new name, if desired.
4. When finished, use the bottom-right button to select ⏎.

CHANGE COMMUNICATION SETTINGS

The COMMUNICATION screen allows you to set the User ID, GPS channel, and E-Collar channel. The User ID is a unique identifier used by the Handheld Device and shared with the GPS Collar / GPS Collar + E-Collar Module. On TEK-V1.5L the GPS-channel is the radio channel used for communication between the GPS Collar and the Handheld Device, while on TEK-V1.5LT the E-Collar channel is the radio channel used for communication between the E-Collar Module and the Handheld Device. The collar learns the User ID, GPS channel, and E-Collar channel during the pairing process.

The Handheld Device uses an ID value to distinguish it from other Handheld Devices. This ID is factory set and for most users will never need attention. The ID value can be viewed on either the STATUS or ABOUT screens.

If the factory-set User ID on your Handheld Device conflicts with another Handheld Device or similar device, you should change the User ID to eliminate the conflict. Alternately, if two users want to have the ability to monitor the same dog(s) with each user operating his own Handheld Device, they can choose to set their User IDs to match.

The only reason to change the GPS or E-Collar channel is if there is outside interference (other radios in the area) causing communications problems.

TO CHANGE THE USER ID

NOTE: Changing User ID requires that the collar be paired again to the Handheld Device (See STEP 3 on page 17).

1. From the main menu, select **SETTINGS > COMMUNICATION > USER ID**.
2. Press the up or down arrows to select a user ID number from 0 – 100.
    NOTE: The User ID value is a number from 0 to 100 that is used to alter the actual ID value that the Handheld Device uses for communication. A value of 0 is used to revert back to the factory set ID.
3. Press the right arrow to confirm your selection.
4. Press the left arrow to return to the main menu. At the prompt, *"ARE YOU SURE YOU WANT TO CONTINUE?"* select YES.

TO CHANGE THE GPS CHANNEL

NOTE: Changing GPS channel requires that the collar be paired again to the Handheld Device (See STEP 3 on page 17).

1. From the main menu, select **SETTINGS > COMMUNICATION >GPS CHANNEL**.
2. Press the right arrow to toggle between available **GPS** channels, 1 to 5.
3. Press the left arrow to return to the main menu. At the prompt, *"ARE YOU SURE YOU WANT TO CONTINUE?"* select YES to confirm your selection.

TO CHANGE THE E-COLLAR CHANNEL

NOTE: Changing the E-Collar channel requires that the collars be paired again to the Handheld Device (See STEP 3 on page 17).

1. From the main menu, select **SETTINGS > COMMUNICATION >E-COLLAR CH**.
2. Press the right arrow to toggle between available E-Collar channels, 1 to 5.
3. Press the left arrow to return to the main menu. At the prompt, *"ARE YOU SURE YOU WANT TO CONTINUE?"* select YES to confirm your selection.

CHANGE MY COLLARS SETTINGS

The MY COLLARS screen allows you to configure a new collar, pair the collar to work with your Handheld Device, or share tracking of a collar from another Handheld Device. You can add up to 12 collars to the system.

TO ADD A COLLAR

1. From the main menu, select **SETTINGS > MY COLLARS**.
2. Press the up or down arrow keys to select the color you want to use with the new collar.
3. Press the right arrow to open the configuration window.
4. To enable the GPS Collar, select and press the right arrow key to set **ACTIVE** to **Y**. If sharing a collar move to the SHARE COLLARS section below.
5. To enable the E-Collar Module, select and press the right arrow key to set **E-COLLAR** to **Y**.
6. Put the new collar in "pairing mode" (see STEP 3 on page 17) by pressing and holding the On / Off button on the GPS Collar or GPS Collar + E-Collar Module until the indicator light is solid amber.
7. On the Handheld Device, select **PAIR COLLAR** to allow the GPS Collar or GPS Collar + E-Collar Module to connect to the Handheld Device. This collar is now ready to be put on a dog.

TO SHARE COLLARS

You can track dogs associated with another Handheld Device. This is helpful if you and another person are working with multiple dogs. *NOTE: This feature is for tracking only. You cannot train a shared dog.*

1. On the main menu, select **SETTINGS > MY COLLARS > *color* > SHARE COLLAR** where the color selected is what you want to use for the collar to be tracked.
2. Press the right arrow to select **Y** to enable collar sharing.
3. To enter a User ID, select **ID** and press the right arrow.
4. Use the up or down arrow keys on the Menu Selection Pad to enter the four-digit ID code from the Handheld Device whose dog you want to track. See Status Screen from Main Menu to find the ID Code.
5. To select a dog number, select **DOG** and press the right arrow.
6. Use the up or down arrow keys to enter the two-digit identifier (1-12) of the specific dog to be tracked. This is the code used by the other user to identify that dog.
7. When finished, press **BACK** to return to the main menu.

CHANGE MY DOGS SETTINGS

The MY DOGS screen allows you to add or remove dogs assigned to the Handheld Device. It helps track which dog is wearing which collar and defines collar settings specific to that dog.

TO ADD A DOG

1. From the main menu, select **SETTINGS > MY DOGS > ADD A DOG**. A screen labeled **DOG n** appears where n is the next available number of the dog.
2. Change the dog's name by selecting **CHANGE NAME**. A text entry screen displays. Press the arrow keys to select **Clr** and press the bottom right button to clear the name. Pressing the arrow keys select letters to enter a new name. Select ⏎ to complete the new name.
3. Assign a collar to this dog by selecting **COLLAR**. Use the arrow keys to select the color matching the desired collar.
4. Once a collar is assigned to the new dog, you are ready to track/train this dog. Press **BACK** to return to the main menu.

TO CHANGE A DOG'S NAME

1. From the main menu, select **SETTINGS > MY DOGS > dog > CHANGE NAME** where *dog* is the name previously entered for this dog. A text entry screen displays.
2. Press the arrow keys to select **Clr** and press the bottom right button to clear the name.
3. Press the arrow keys on the Menu Navigation Pad to enter a new name, if desired.
4. When finished, select ⏎ using the bottom right button.

TO ENABLE OR DISABLE E-COLLAR MODULE

The E-COLLAR setting allows you to enable (or disable) the E-Collar Module to deliver static stimulation, vibration, or a tone for correcting/cueing this particular dog.

1. From the main menu, select **SETTINGS > MY DOGS > dog** where *dog* is the name of the dog.
2. Select **E-COLLAR** and use the right arrow key to select **Y** to enable, or **N** to disable stimulations for this dog. *NOTE: This setting only applies to the dog when wearing this collar.*
3. When finished, press **BACK** to return to the main menu.

TO CHANGE STIM BUTTONS SETTINGS FOR A DOG

The STIM BUTTONS setting allows you to assign the type of stimulation for each STIM button according to your training preferences for this particular dog. The buttons are labeled Button 1 (top), Button 2 (middle), and Button 3 (bottom).

NOTE: This setting only applies to this specific dog.

1. From the main menu, select **SETTINGS > MY DOGS > dog** where *dog* is the name of the dog.
2. Select **STIM BUTTONS**. The STIM BUTTONS screen displays.
3. Press the up or down arrow to select **BUTTON 1**. Press the right arrow to select **C** (continuous), **T** (tone), **V** (vibration), **M** (momentary), **R** (rising), **P1** (programmable 1), or **P2** (programmable 2). Default for Button 1 is C.
4. Press the up or down arrow to select **BUTTON 2**. Press the right arrow to select **C** (continuous), **T** (tone), **V** (vibration), **M** (momentary), **R** (rising), **P1** (programmable 1), or **P2** (programmable 2). Default for Button 2 is T.
5. Press the up or down arrow to select **BUTTON 3**. Press the right arrow to select **C** (continuous), **T** (tone), **V** (vibration), **M** (momentary), **R** (rising), **P1** (programmable 1), or **P2** (programmable 2). Default for Button 3 is V.
6. When finished, press **BACK** to return to the main menu.

TO SET PROGRAMMABLE STIM LEVEL FOR A DOG

NOTE: This setting only applies to this specific dog.

1. From the main menu, select **SETTINGS > MY DOGS > dog** where *dog* is the name of the dog.
2. Select **STIM BUTTONS**. The STIM BUTTONS screen displays.
3. Select **P1 LEVEL** and use the arrow keys to set the desired static stimulation level.
4. Select **P2 LEVEL** and use the arrow keys to set the desired static stimulation level.
5. When finished, press **BACK** to return to the main menu.

TO CHANGE STIM RANGE SETTINGS FOR A DOG

The STIM RANGE setting allows you to set the static stimulation range (low, medium or high) for a temperament of a specific dog. A dog with a mild temperament should have a low range while a stubborn dog may require a high range of static stimulation. There are multiple levels available within each stimulation range (see TO SET STIM LEVELS on page 26). The default range setting is medium.

1. From the main menu, select **SETTINGS > MY DOGS > dog** where *dog* is the name of the dog.
2. Select **STIM RANGE**.
3. Press the right arrow to select **L** (low), **M** (medium), or **H** (high) stimulation range.
4. When finished, press **BACK** to return to the main menu.

TO CHANGE THE COLLAR ASSIGNED TO A DOG

The COLLAR setting allows you to assign a collar to a specific dog according to the color set in the MY COLLARS screen. The color will also be used to identify the dog on the TRACKING/TRAINING screen.

1. From the main menu, select **SETTINGS > MY DOGS > dog** where dog is the name of the dog.
2. Select **COLLAR**.
3. Press the arrow keys to select the color for the desired collar then press the right arrow key. You must select **YES** to confirm the new collar assignment. *NOTE: If the selected collar has already been assigned to a different dog, a warning message displays.*
4. When finished, press **BACK** to return to the main menu.

TO DELETE A DOG

NOTE: Deleting a dog cannot be undone. All configuration settings related to this dog will be deleted.

1. From the main menu, select **SETTINGS > MY DOGS > dog** where *dog* is the name of the dog to be deleted from the system.
2. Press the arrow keys to select **DELETE** and press the right arrow key.
3. A warning message displays. Select **YES**, if desired, to confirm.

CHANGE UNIT SETTINGS

The UNITS screen allows you to change distance units and time modes.

TO CHANGE DISTANCE UNITS

1. From the main menu, select **SETTINGS > UNITS > DISTANCE**.
2. Press the right arrow on the Menu Navigation Pad to select **YARDS** or **METERS**. Distances will be displayed in the selected format. The default is YARDS.
3. Press **BACK** to return to the main menu.

TO CHANGE TIME MODE

1. From the main menu, select **SETTINGS > UNITS > TIME**.
2. Press the right arrow on the Menu Navigation Pad to select **12H** or **24H** mode. All times will display in the selected format. The default is 12H.
3. Press **BACK** to return to the main menu.

SET SYSTEM TIME

NOTE: Be sure to accurately set the time to your current local time.

TO SET THE LOCAL TIME

1. From the main menu, select **SETTINGS > SET TIME**. The SET TIME window displays.
2. Press the up or down arrows on the Menu Navigation Pad to set the current hours. Then, press the right arrow to move to the minute field.
3. Press the up or down arrows to set the current minute. Then, press the right arrow to move to the AM/PM field.
4. If in 12-hour mode, press the up or down arrows to toggle between **AM/PM**. Then, press the right arrow to set the time.
5. Press **BACK** to return to the main menu.

CHANGE DISPLAY SETTINGS

The DISPLAY screen allows you to configure the brightness display timer, power off timer, and way point display options.

TO CHANGE THE LIGHT DIM TIMER

1. From the main menu, select **SETTINGS > DISPLAY > LIGHT DIM**.
2. Press the right arrow on the Menu Navigation Pad to toggle among timer settings: **NO, 30 SEC, 60 SEC, OR 90 SEC**. The display screen will dim after the number of seconds selected, if not used. The default is 30 seconds.
3. Press **BACK** to return to the main menu.

TO CHANGE POWER OFF TIMER

1. From the main menu, select **SETTINGS > DISPLAY > POWER OFF**.
2. Press the right arrow on the Menu Navigation Pad to toggle among timer settings: **NO, 1 HR, 2 HR, 3 HR**. If not used, the Handheld Device will then automatically power off after the time period selected. The default is 3 hours.
3. Press **BACK** to return to the main menu.

TO CHANGE WAY POINT DISPLAY OPTIONS

1. From the main menu, select **SETTINGS > DISPLAY > VIEW PNTS**.
2. Press the right arrow on the Menu Selection Pad to toggle among display options: **NONE, START, ALL.** *NONE* will hide all way points on the tracking screen. *START* will only display start point. *ALL* will display all way points within range. The default is START.
3. Press **BACK** to return to the main menu.

USE VEHICLE MODE

⚠ WARNING | Using your TEK Series 1.5 GPS Tracking or GPS Tracking + E-Collar System while operating a motor vehicle can be distracting. Always pay full attention to operating your vehicle.

Using vehicle mode disables the internal compass and allows your Handheld Device to rely on GPS for heading and bearing information. This allows your Handheld Device to provide stable readings and not be affected by the metal structure and magnetic fields within your vehicle.

TO ENABLE / DISABLE VEHICLE MODE

1. From the main menu, select **SETTINGS > VEHICLE MODE**.
2. Use the right arrow on the Menu Selection Pad to select **Y** to enable or **N** to disable Vehicle Mode.
3. Press **BACK** to return to the main menu.

RESET HANDHELD DEVICE

Reset restores the Handheld Device to its factory-default settings.

TO RESET HANDHELD DEVICE SETTINGS

NOTE: Resetting the system cannot be undone. All information including way points will be lost.

1. From the main menu, select **SETTINGS > RESET ALL**. A confirmation window displays.
2. At the prompt, *"ARE YOU SURE YOU WANT TO CONTINUE?"* select **YES**. The Handheld Device will reset to its default configuration and power off.

ABOUT

From the ABOUT screen you can view your Handheld Device's name, ID number, and software/hardware revision.

```
12:22 PM                    ▭▭▭
◄◄ ABOUT
   ▯    TEK V1.0
        SW REV: 2.04
        HW REV: 0
        ID: 1947
        NAME:
         SPORTDOG


               www.FreeRTOS.org
```

ACCESSORIES

To purchase additional accessories for your TEK-V1.5L, TEK-V1.5LT, TEK-V1.5L-C, or TEK-V1.5LT-C contact the Customer Care Center or visit our website at www.sportdog.com.

E-Collar Module - US	SDT52-14790
E-Collar Module - Canada	TEK-2T-E
GPS Collar (Includes Whip and Patch Antennas)	SDT52-14792
GPS Collar + E-Collar Module (includes Whip and Patch Antennas)	SDT52-15066
Handheld Device with Antenna	SDT00-16462
Car Top Antenna	TEK-V2CARANT
GPS Whip Antenna	TEK-V2GANT
Handheld Device Antenna	TEK-V2HANT
Patch Antenna	SAC52-15067
Adapter	SAC00-16463
USB Cable	TEK-V2CABLE
GPS Collar Battery Kit	TEK-V2GBATT
Handheld Device Battery Kit	SAC54-13815
Charge Cradle	TEK-V2GCRAD
Retractable Lanyard	SD-RETRACT
SportDOG® Brand Gear Bag	TEK-V2BAG
ID Bands (21 colors)	TEK-V2IDBANDS
1" Orange Collar Strap	SAC00-10811
1" Blue Collar Strap	SAC00-11920
1" Red Collar Strap	SAC00-10822
1" Yellow Collar Strap	SAC00-10823
1" Green Collar Strap	SAC00-10813
1" Black Collar Strap	SAC00-10812

FREQUENTLY ASKED QUESTIONS

How old does a dog have to be before using the TEK Series 1.5 GPS Tracking / GPS Tracking + E-Collar System?	Your dog should be able to learn basic obedience commands such as "Sit" or "Stay". The collar may be too large for dogs under 8 pounds. Fits neck sizes 10.75" - 23."
Is the GPS Collar with optional E-Collar Module waterproof?	Yes. It is waterproof and can be submerged in water to a depth of 25 feet.
Can my GPS Collar with optional E-Collar Module be used around salt water?	If the collar is used in or around salt water, the collar should be rinsed with fresh water following each use.
Is the TEK Series 1.5 GPS Tracking / GPS Tracking + E-Collar System capable of multi-dog tracking/training?	Yes. The TEK Series 1.5 GPS Tracking / GPS Tracking + E-Collar Systems are expandable to a maximum of 12 dogs. Additional collars must be purchased separately (see back cover).
Can I use the TEK Series 1.5 GPS Tracking / GPS Tracking + E-Collar System on aggressive dogs?	We do not recommend any of our products be used on aggressive dogs. We recommend that you contact your local veterinarian or professional trainer to determine if your dog might be aggressive.
Will I get exactly 7 miles of range with the TEK Series 1.5 GPS Tracking / GPS Tracking + E-Collar System?	The range you get with your TEK Series 1.5 GPS Tracking / GPS Tracking + E-Collar System will vary according to terrain, weather, and vegetation. To get the maximum amount of range, please refer to "HOW THE SYSTEM WORKS" on page 5.
Can I attach a leash/lead to the GPS Collar?	DO NOT attach a leash/lead to the GPS Collar. You may put a separate non-metallic collar strap on your dog's neck and attach a leash/lead. If the E-Collar Module is installed, be sure the extra collar does not interfere with the Contact Points.
Can I add maps to the TEK Series 1.5 GPS Tracking / GPS Tracking + E-Collar System?	No. Maps cannot be added to your TEK Series 1.5 GPS Tracking / GPS Tracking + E-Collar System.
Can I program my TEK Series 1.5 GPS Tracking / GPS Tracking + E-Collar System to work with my other SportDOG® Brand systems?	Other SportDOG® Brand systems can be used in conjunction with your TEK Series 1.5 GPS Tracking / GPS Tracking + E-Collar System, but are not compatible.
Can I organize the way the dogs are displayed on the tracking/training screen?	Yes. See "To Set The Order In Dog Lists" on page 22.
How many dogs can I share?	You can share up to 12 dogs. Sharing a dog is the same as adding a dog to an available slot on your Handheld Device.
Do I need to recalibrate my compass when I change locations?	For best results it is recommended that the compass be calibrated after you arrive at a new starting location.
How many way points can I store?	You can store up to 20 way points, which includes if you set a way point specific to your starting location.
Will the TEK Series 1.5 GPS Tracking / GPS Tracking + E-Collar System interfere with my CB radio?	No. Your TEK Series 1.5 GPS Tracking / GPS Tracking + E-Collar System will not cause interference with your CB radio.

FREQUENTLY ASKED QUESTIONS / TEK-V1.5LT

Once my dog is trained and has been obeying my commands, will my dog have to continue to wear the GPS Collar + E-Collar Module?	Your dog may need to wear the collar from time to time for reinforcement. Also, many hunters keep the collar on their dog(s) while hunting for maximum control.
Is the static stimulation safe for my dog?	While the continuous and/or momentary static stimulation may be unpleasant, it is harmless to your dog. Electronic training devices require interaction and training from the owner to achieve desired results.
How long can I continuously deliver static stimulation to my dog?	The maximum amount of time you can press the Continuous Static Stimulation Button and deliver static stimulation to your dog continuously is 10 seconds. After 10 seconds, the Handheld Device will "time-out," and the Continuous Static Stimulation Button must be released and pressed again.
What do I do if my dog's neck becomes red and irritated?	This condition is due to the Contact Points irritating the skin. Discontinue use of the GPS Collar + E-Collar Module 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.

TROUBLESHOOTING

The answers to these questions should help you solve any problem you have with this system. If they do not, please contact the Customer Care Center at 1-800-732-0144 or visit our website at www.sportdog.com

PROBLEM	SOLUTION
My Handheld Device does not turn on.	Check to make sure the unit was properly charged. Refer to "TO CHARGE THE HANDHELD DEVICE" on page 14.
My GPS Collar / GPS Collar + E-Collar Module does not turn on.	Refer to "TO CHARGE THE GPS COLLAR / GPS COLLAR + E-COLLAR MODULE" on page 10.
The GPS Collar / GPS Collar + E-Collar Module is not responding to the Handheld Device.	Make sure the GPS Collar / GPS Collar + E-Collar Module have been charged. They will charge in two hours. Verify the GPS Collar / GPS Collar + E-Collar Module has been turned on. Refer to "PREPARE THE GPS COLLAR / GPS COLLAR + E-COLLAR MODULE" on page 10.
I cannot get my compass to calibrate.	Always calibrate the compass outdoors. Refer to the "TO CALIBRATE THE COMPASS" on page 15.
My dog is not showing up on the tracking screen.	Use the Menu Selection Pad on the Tracking Screen to set the scale to AUTO.
I am unsure how to set the declination angle.	Refer to the "TO SET THE MAGNETIC DECLINATION ANGLE" section for more information on page 16.
My Handheld Device conflicts with another handheld or similar device.	Refer to "TO CHANGE THE USER ID" on page 28.
My GPS Collar is experiencing outside interference.	Refer to "TO CHANGE THE GPS CHANNEL" on page 28.
My E-Collar Module is experiencing outside interference.	Refer to "TO CHANGE THE E-COLLAR CHANNEL" on page 28.

TROUBLESHOOTING / TEK-V1.5LT

My dog is not responding when I press a static stimulation button.	• Check to see if the GPS Collar + E-Collar Module has been turned on. Make sure the collar is paired to your Handheld Device (see page 17).
	• Check to see if your system is in Tracking Only mode. From the Settings Screen, select General > Track & Train to ensure the E-Collar Module is enabled.
	• Check to see if the E-Collar is enabled for the collar and dog. From the My Collars Screen, select the collar color. Ensure E-Collar is set to Yes. From the My Dogs Screen, select the dog name. Ensure E-Collar is set to Yes.
	• If your range has reduced from the first time you have used it, please check to see if the battery is low in either the Handheld Device or GPS Collar + E-Collar Module.
	• Many factors can impact the range you have with the TEK Series 1.5 GPS Tracking + E-Collar System. For a list of these factors, please refer to "HOW THE SYSTEM WORKS" on page 5.
	• You can verify the GPS Collar + E-Collar Module is delivering static stimulation to your dog by placing the test light, enclosed in your kit, on the Contact Points. Please refer to the "TEST LIGHT TOOL INSTRUCTIONS" section on page 10.
	• Increase the static stimulation level. Refer to "TO FIND YOUR DOG'S RECOGNITION LEVEL" on page 20.
	• Make sure the Contact Points are placed snugly against your dog's skin. Refer to "FIT THE GPS COLLAR + E-COLLAR MODULE" on page 13 for more information.
	• You may need to switch to the longer Contact Points included with your system or trim the hair beneath the Contact Points.
	• If you notice your operating time dropping to about half the original time, your GPS Collar + E-Collar Module battery needs to be replaced; contact the Customer Care Center.

TERMS OF USE AND LIMITATION OF LIABILITY

1. **TERMS OF USE**
   This Product is offered to you conditioned upon your acceptance without modification of the terms, conditions, and notices contained herein. Usage of this Product implies acceptance of all such terms, conditions, and notices.

2. **PROPER USE**
   This Product is designed for use with dogs where tracking/training is desired. The specific temperament of your dog may not work with this Product. We recommend that you not use this Product if your dog is less than 8 pounds or if your dog is aggressive. If you're unsure whether this is appropriate for your dog, please consult your veterinarian, certified trainer, or contact our Customer Care Center.
   Proper use includes reviewing the entire Operating Guide provided with your Product and any specific safety information.

3. **NO UNLAWFUL OR PROHIBITED USE**
   This Product is designed for use with dogs only. This dog tracking/training device isn't intended to harm, injure, or provoke. Using this Product in a way that is not intended could result in violation of Federal, State, or local laws.

4. **LIMITATION OF LIABILITY**
   In no event shall Radio Systems Corporation be liable for any direct, indirect, punitive, incidental, special or consequential damages, or any damages whatsoever arising out of or connected with the use or misuse of this Product. Buyer assumes all risks and liability from the use of this Product.

5. **MODIFICATION OF TERMS AND CONDITIONS**
   Radio Systems Corporation reserves the right to change the terms, conditions, and notices under which this Product is offered.

FCC COMPLIANCE

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.

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 specific installation. If interference does occur 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 the receiver.
- Connect the equipment to an outlet on a circuit different from that to which the receiver is connected.
- Contact customer service or an experienced radio/TV technician for assistance.

NOTICE Modification or changes to this equipment not expressly approved by Radio Systems Corporation may void the user's authority to operate the equipment.

IC: CANADA

This device complies with Industry Canada license-exempt RSS standard(s). Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.

Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes : (1) l'appareil ne doit pas produire de brouillage, et (2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

🗑 BATTERY DISPOSAL

⚠️ **WARNING**   See Important Safety Information related to the battery on page 2.

This system operates on two Li-ion battery packs (2000mAh capacity for the GPS Collar and 1900mAh capacity for the Handheld Device). Call the Customer Care Center if your battery needs to be replaced.

Separate collection of spent batteries is required in many regions; check the regulations in your area before discarding spent batteries. Please see below for information on how to remove the battery from the product for separate disposal. If you wish to ship us your spent batteries for disposal, contact Customer Care Center.

AT END OF PRODUCT LIFE, USE THESE BATTERY REMOVAL INSTRUCTIONS FOR FINAL DISPOSAL (DO NOT OPEN THE COLLAR OR HANDHELD DEVICE UNTIL YOU HAVE RECEIVED THE REPLACEMENT):

GPS Collar:
• Remove the collar strap.
• Using a 3/32 Hex Key, remove the two screws which secure the E-Collar Module or Location Only Module.
• Using the 3/32 Hex Key, remove the four screws in the corners which secure the top cover to the module (lift the antenna base to access all of the screws).
• Remove the top cover to expose the battery.
• Disconnect the battery wires by pulling the connector gently away from the board.

Handheld Device:
• Remove the back cover using a flat-head screwdriver to loosen the screw a few turns.
• Disconnect the battery wires by pulling the connector gently away from the board.

⚠️ **WARNING**
• When removing the old battery pack, care must be taken when gripping the connector firmly to avoid damaging the wires. Shorting the battery wires may cause fire or explosion.
• These instructions are not valid for repair or battery replacement. Replacing the battery with a battery not specifically approved by Radio Systems Corporation may cause fire or explosion. Please call the Customer Care Center to avoid invalidating your warranty.

CUSTOMER CARE INTERNATIONAL

Tel: 800-732-0144
Monday - Friday 8 AM - 8 PM EST / Saturday 9 AM - 5 PM EST
Lundi - Vendredi 8h00 à 20h00 EST / Samedi 9h00 à 17h00 EST
Warranty Registration: www.sportdog.com
Validez votre garantie sur le site www.sportdog.com

For additional support visit http://www.sportdog.com/international.

For a list of patents protecting this product, please visit: www.radiosystemscorporation.com/patents
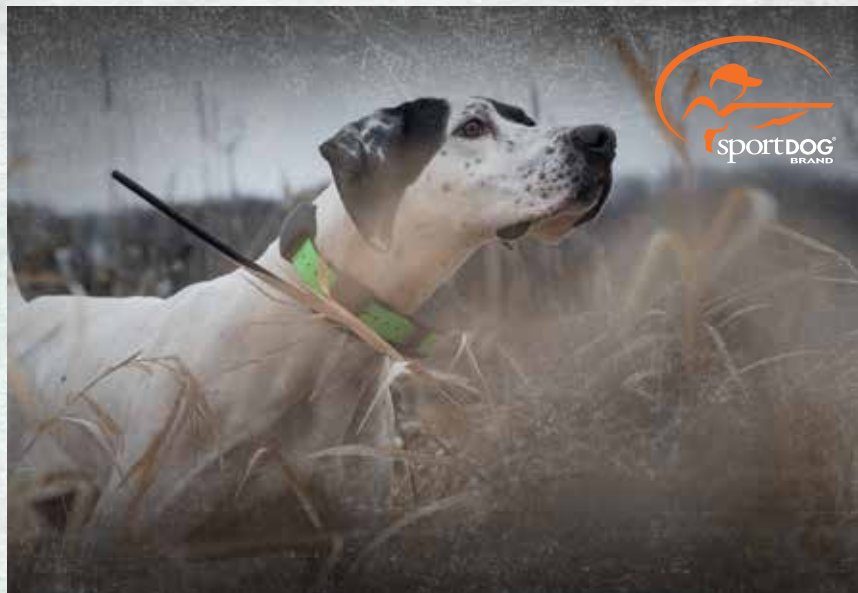
SPORTDOG® BRAND ADD-A-DOG® COLLARS

SPORTDOG.COM

TEK GPS TRACKING COLLAR
TEK::2L / TEK::2L::C

TEK GPS TRACKING + E-COLLAR
TEK::2AD / TEK::2AD::C

TEK E-COLLAR MODULE
TEK::2T / TEK::2T::E

ONLY COMPATIBLE WITH TEK 1.5 AND 2.0 SPORTDOG BRAND SYSTEMS.
PINK AND GREEN ID BANDS ALSO INCLUDED WITH GPS TRACKING OR GPS TRACKING + E-COLLAR COLLARS.

GEAR THE WAY YOU'D DESIGN IT™